

POMPE SOMMERGIBILI

50-60Hz



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2018



 POMPE SOMMERGIBILI

 *SUBMERSIBLE PUMPS*



CE



JIZAR



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER ACQUE CHIARE E SPORCHE **SUBMERSIBLE ELECTRIC PUMPS FOR WHITE AND DIRTY WATER DRAINAGE**

PREVALENZA : 8,0 mt. ÷ 11,5 mt.
PORTATA : 9,0 m³/h ÷ 12 m³/h
POTENZA NOMINALE : 0,25 kW (0,33 HP) ÷ 0,55 kW (0,75 HP)
PASSAGGIO SOLIDI FINO A 10 mm (SERIE **VOX** 20 mm)

PUMP HEAD : 8,0 mt ÷ 11,5mt
DELIVERY : 9,0 m³/h ÷ 12 m³/h
RATED HORSEPOWER : 0,25 kW (0,33 HP) ÷ 0,55 kW (0,75 HP)
SOLID MATTER BYPASS up to 10 mm (SERIE **VOX** 20 mm)

APPLICAZIONI

- SVUOTAMENTO DA ACQUE PIOVANE, D'INFILTRAZIONE, DI POZZETTI O VASCHE DI RACCOLTA.
- PRELIEVO DA VASCHE DI RACCOLTA DI ACQUE PIOVANE PER PICCOLE IRRIGAZIONI A SCORRIMENTO DI ORTI E DI GIARDINI.
- TRAVASO DI ACQUA CHIARA DA SERBATOI E VASCHE.
- POMPAGGIO DI ACQUE SPORCHE CON CORPI SOLIDI IN SOSPENSIONE (SOLO SERIE **VOX**).

APPLICATIONS

- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT.
- GARDEN AND VEGETABLE-GARDEN MINI FLOOD IRRIGATION SYSTEM RAINWATER CATCH TANK PUMP DOWN.
- WHITE WATER PUMP OVER FROM RESERVOIRS AND VATS.
- PUMPING DIRTY WATER WITH POSSIBLE FLOATING SOLID CONTENTS (ONLY **VOX** SERIES).
- PUMPING AGGRESSIVE LIQUID.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A SECCO RAFFREDDATO DAL LIQUIDO POMPATO
- DOPPIA TENUTA MECCANICA: DOPPIO ANELLO DI TENUTA LATO MOTORE, TENUTA MECCANICA A BAGNO D'OLIO LATO POMPA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX.LIQUIDO POMPATO: 35°C
- PASSAGGIO LIBERO: 10 mm JIZAR 30 - 60 - 75
20mm JIZAR 60 VOX - 75 vox
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man).
5 metri H07RN-F solo per versione automatica.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

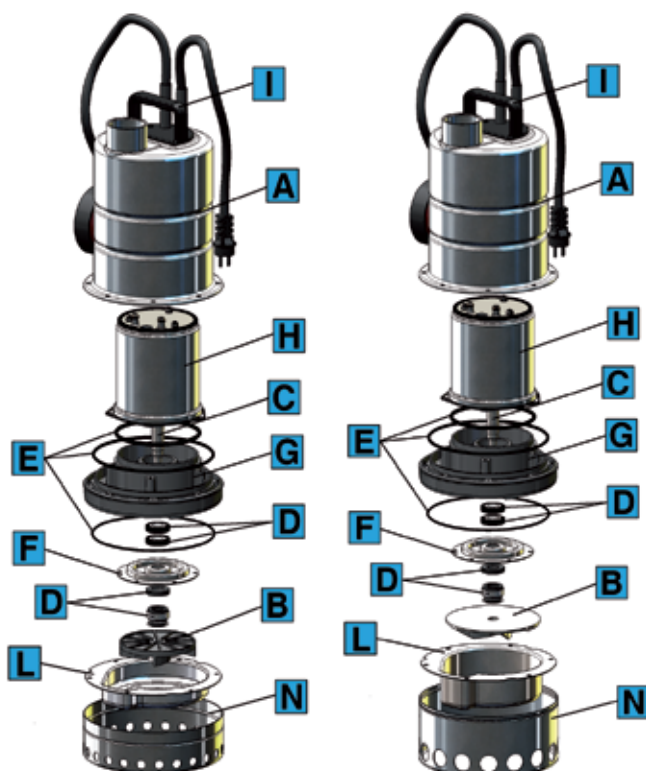
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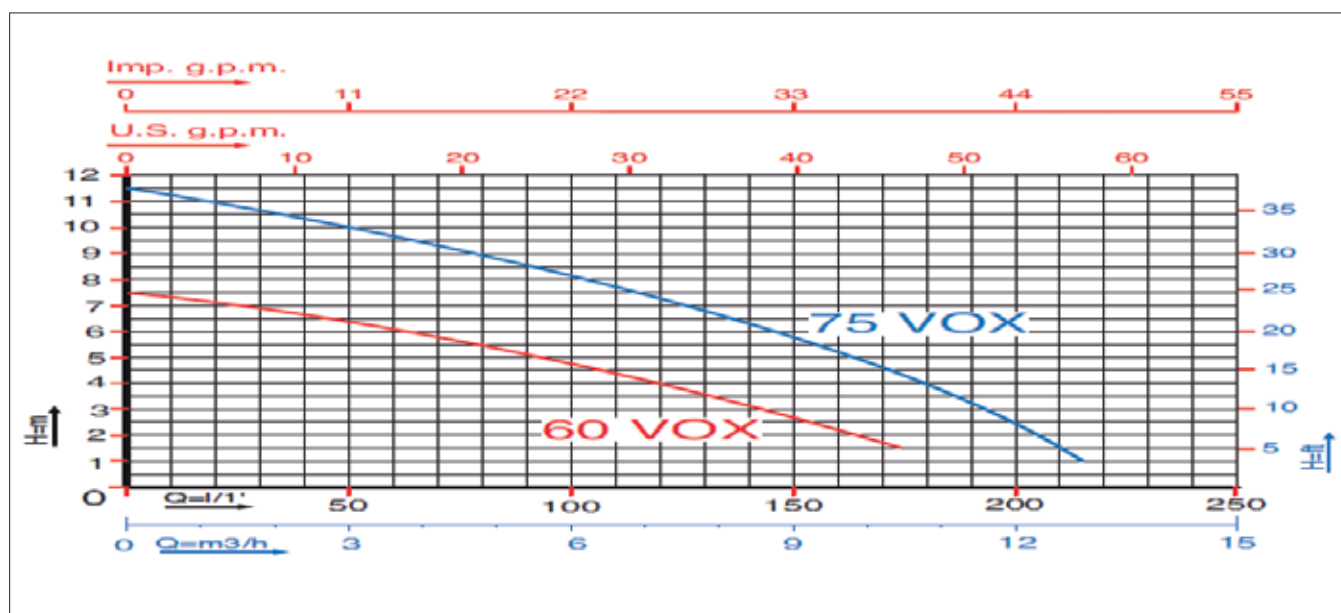
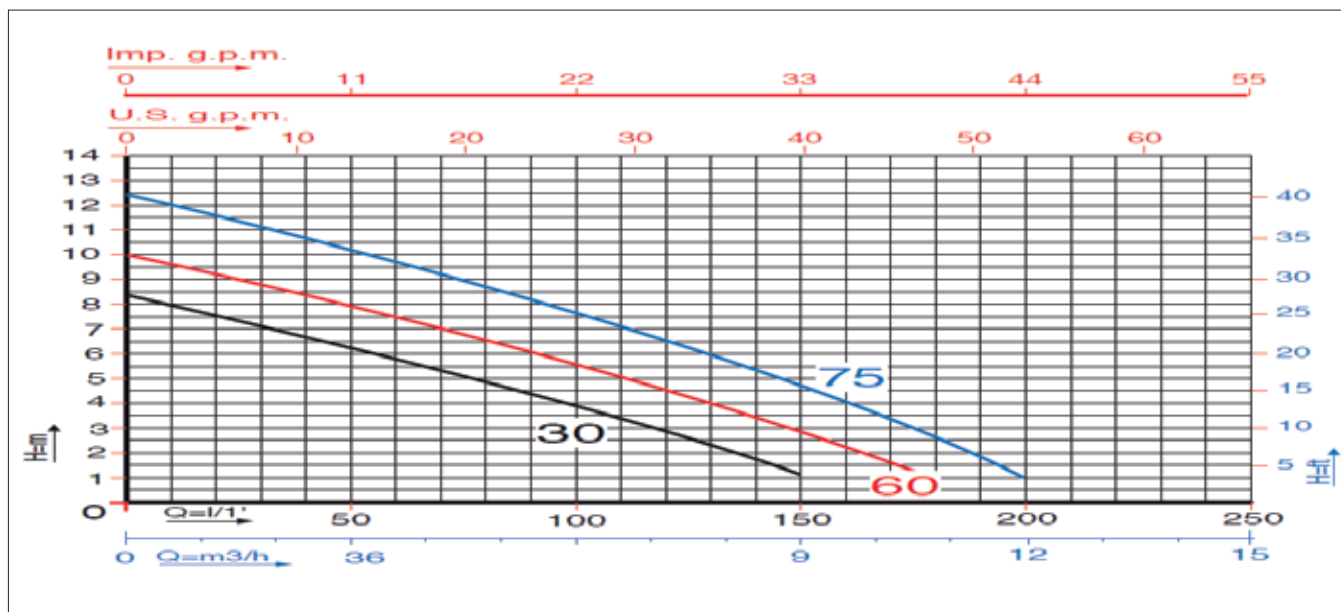
- SEMI WET MOTOR WATERCOOLED
- DOUBLE MECHANICAL SEAL: DOUBLE SEAL RING -ENGINE FACE
OIL BATH MECHANICAL SEALS PUMP FACE
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C
- BY PASS SECTION: 10 mm JIZAR 30 - 60 - 75
20mm JIZAR 60 VOX - 75 vox
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
- STANDARD CABLE FEATURES:
Single phase: 10 metres H07RN-F for the standard version (automatic-manual).
5 metres H07RN-F only for the automatic version.

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI - MATERIALS TABLE:

Pos.	Componente - Component	Materiale - Materials
A	Carcassa esterna / External motor housing	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
B	Girante / Impeller	JIZAR 30 - 60 TECNOPOLIMERO TECNOPOLYMER
		JIZAR 60 VOX ACCIAIO INOX (AISI 304 - DIN 1.4305) / STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)	ACCIAIO INOX AISI 303 - DIN 1.4005 / STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face GRAFITE-CERAMICA GRAPHITE - CERAMIC
		Lato motore / Motor face DOPPIO ANELLO DI TENUTA NBR NBR DOUBLE SEALING RING
E	O-ring	NBR
F	Porta tenuta / Seal holder	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
G	Porta motore / Motor holder	TECNOPOLIMERO TECNOPOLYMER
H	Cassa motore / Motor housing	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / Cover	TECNOPOLIMERO TECNOPOLYMER
L	Diffusore / Diffuser	ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
N	Base d'aspirazione / Suction base	

JIZAR 30 - 60 - 75
JIZAR 60 VOX - 75 VOX




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1max kW	P2 nom. kW	I max HP	Condensatore Capacitor µF	VC		m³/h										
								0	1,5	3	4,5	6	7,5	9	10,5	12		
JIZAR 30 M	1 x 220-230V	0,5	0,25	0,33	2,2	8,0	450	0	25	50	75	100	125	150	175	200		
JIZAR 60 M	1 x 220-230V	0,7	0,45	0,6	3,0	10,0	450	8,0	7,2	6,2	5,2	4,0	2,6	1,0	---	---		
JIZAR 60 T	3 x 380-440V	0,7	0,45	0,6	1,4	---	---	10,0	8,8	8,0	6,8	5,6	4,5	3,0	1,2	---		
JIZAR 75 M	1 x 220-230V	1,0	0,55	0,75	4,8	16,0	450	10,0	8,8	8,0	6,8	5,6	4,5	3,0	1,2	---		
JIZAR 60 VOX M	1 x 220-230V	0,6	0,45	0,6	2,8	10,0	450	12,5	11,4	10,2	8,9	7,6	6,3	4,7	2,9	1		
JIZAR 60 VOX T	3 x 380-440V	0,6	0,45	0,6	1,3	---	---	7,5	7,0	6,4	5,5	4,6	3,4	2,6	1,5	---		
JIZAR 75 VOX M	1 x 220-230V	1,0	0,55	0,75	4,7	16,0	450	7,5	7,0	6,4	5,5	4,6	3,4	2,6	1,5	---		
								11,5	10,8	10,0	9,0	8,0	7,0	5,8	4,5	2,5		

PRESSIONE TOTALE IN METRI COLUMNA ACQUA
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN M.

CARATTERISTICHE DI COSTRUZIONE:

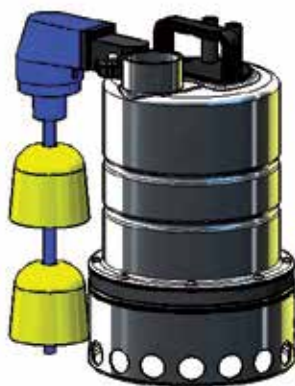
- MOTORE A SECCO RAFFREDDATO DAL LIQUIDO POMPATO
- DOPPIA TENUTA MECCANICA: DOPPIO ANELLO DI TENUTA LATO MOTORE, TENUTA MECCANICA A BAGNO D'OLIO LATO POMPA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C
- PASSAGGIO LIBERO: 10 mm JIZAR 30 - 60 - 75
20 mm JIZAR 60 VOX - 75 VOX
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD: 10 metri H07RN-F.
- MATERIALI:
Consultare pagina 9

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

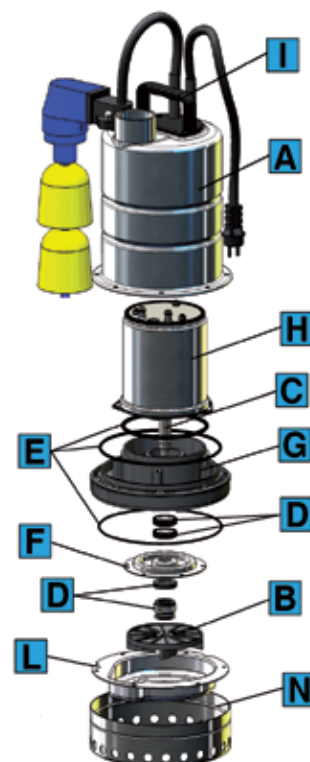
DESIGN ENGINEERING:

- SEMI WET MOTOR WATERCOOLED
- DOUBLE MECHANICAL SEAL: DOUBLE SEAL RING -ENGINE FACE
OIL BATH MECHANICAL SEALS PUMP FACE
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C
- BY PASS SECTION: 10 mm JIZAR 30 - 60 - 75
20 mm JIZAR 60 VOX - 75 VOX
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
- STANDARD CABLE FEATURES: 10 metres H07RN-F.
- MATERIALS:
Suitable at page 9

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

GALLEGGIANTE VERTICALE

JERTICAL FLOATER
VERTICAL 30 - 60 - 60 VOX - 75 VOX

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA														
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	1.5	3	4.5	6	7.5	9	10.5	12	H (m)	l/min.	0	25	
		kW	kW	HP	Ampere	µF	VC		0	25	50	75	100	125	150	175	200					
JIZAR 30 M	1 x 220-230V	0.5	0.25	0.33	2.2	8,0	450	H (m)	8,0	7,2	6,2	5,2	4,0	2,6	1,0	---	---	---	---	---	---	---
JIZAR 60 M	1 x 220-230V	0.7	0.45	0.6	3.0	10.0	450		10,0	8,8	8,0	6,8	5,6	4,5	3,0	1,2	---					
JIZAR 60 T	3 x 380-440V	0.7	0.45	0.6	1.4	---	---		10,0	8,8	8,0	6,8	5,6	4,5	3,0	1,2	---					
JIZAR 75 M	1 x 220-230V	1.0	0.55	0.75	4.8	16.0	450		12,5	11,4	10,2	8,9	7,6	6,3	4,7	2,9	1					
JIZAR 60 VOX M	1 x 220-230V	0.6	0.45	0.6	2.8	10.0	450		7,5	7,0	6,4	5,5	4,6	3,4	2,6	1,5	---					
JIZAR 60 VOX T	3 x 380-440V	0.6	0.45	0.6	1.3	---	---	7,5	7,0	6,4	5,5	4,6	3,4	2,6	1,5	---	---	---	---	---	---	---
JIZAR 75 VOX M	1 x 220-230V	1.0	0.55	0.75	4.7	16.0	450	11,5	10,8	10,0	9,0	8,0	7,0	5,8	4,5	2,5						



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A SECCO RAFFREDDATO DAL LIQUIDO POMPATO
- DOPPIA TENUTA MECCANICA: DOPPIO ANELLO DI TENUTA LATO MOTORE, TENUTA MECCANICA A BAGNO D'OLIO LATO POMPA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C
- PASSAGGIO LIBERO: 2 mm.
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD: 10 metri H07RN-F solo versione manuale.
- MATERIALI:
Consultare a pagina 9

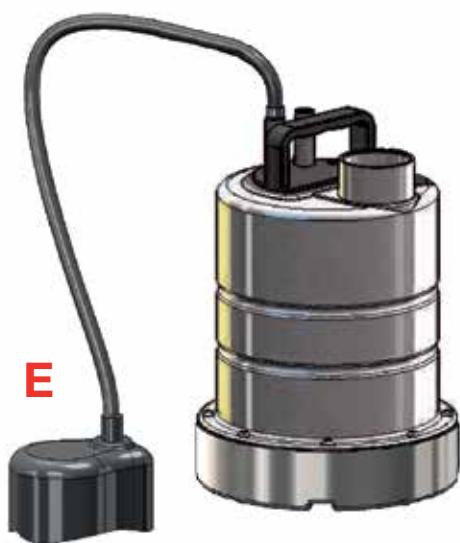
SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

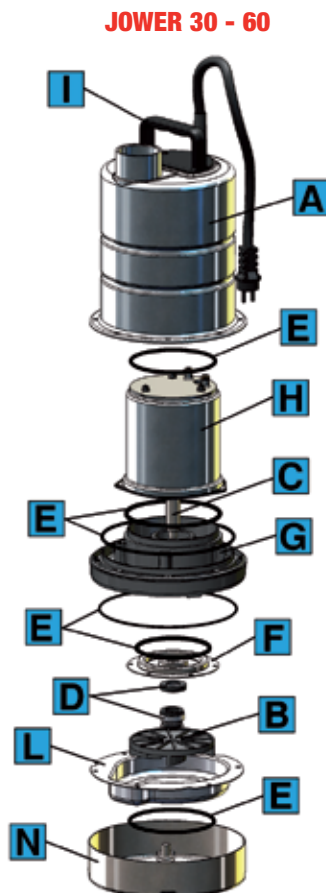
- SEMI WET MOTOR WATERCOOLED
- DOUBLE MECHANICAL SEAL: DOUBLE SEAL RING -ENGINE FACE OIL BATH MECHANICAL SEALS PUMP FACE
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION. protection and permanent capacitor.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C H07RN-F only the manual version
- BY PASS SECTION: 2 mm.
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal
- STANDARD CABLE FEATURES:
- MATERIALS:
Cuitable at page 9

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

ASPIRAZIONE RIBASSATA 2 MM

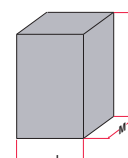
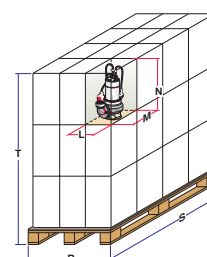
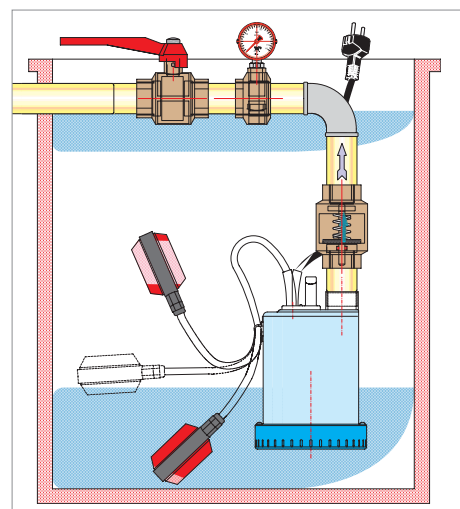
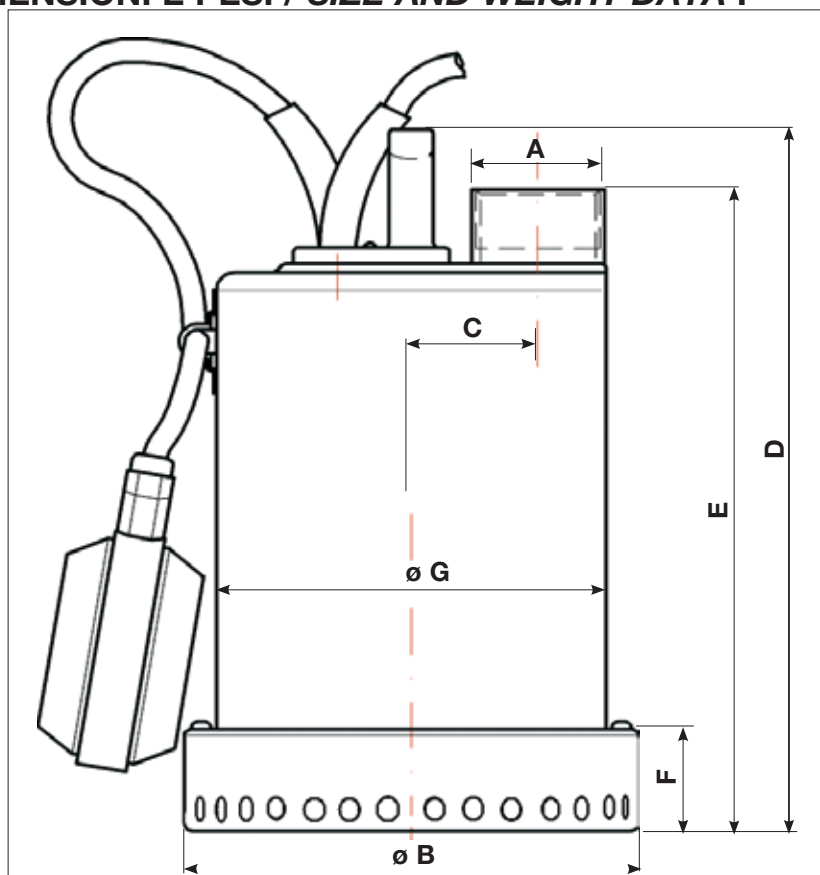


LOWERED ASPIRATION 2MM



MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						
		P1 max	P2 nom.	I max	Condensatore Capacitor			
	50 Hz	kW	kW	HP	Ampere	µF	VC	
JOWER 30 M	1 x 220-230V	0,5	0,25	0,33	2,2	8,0	450	
JOWER 30 M E	1 x 220-230V	0,5	0,25	0,33	2,2	8,0	450	
JOWER 60 M	1 x 220-230V	0,7	0,45	0,6	3,0	10,0	450	
JOWER 60 M E	1 x 220-230V	0,7	0,45	0,6	3,0	10,0	450	

DIMENSIONI E PESI / SIZE AND WEIGHT DATA :



MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JIZAR 30	1" 1/4	154	41	249	228	50	132
JIZAR 60	1" 1/4	154	41	249	228	50	132
JIZAR 75	1" 1/4	192	41	286	266	50	132
JIZAR 60 VOX	1" 1/4	154	41	282	261	74	132
JERTICAL 30	1" 1/4	154	41	249	228	50	132
JERTICAL 60	1" 1/4	154	41	249	228	50	132
JERTICAL 60 VOX	1" 1/4	154	41	282	261	74	132
JOWER 30	1" 1/4	154	41	241	228	40	132
JOWER 60	1" 1/4	154	41	241	228	40	132

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/cartons	Peso / Weight Kg
JIZAR 30	220	190	330	5,5	800	1200	1465	80	450
JIZAR 60	220	190	330	6,2	800	1200	1465	80	506
JIZAR 75	220	190	330	6,7	800	1200	1465	80	536
JIZAR 60 VOX	220	190	330	6,5	800	1200	1465	80	530
JIZAR 75 VOX	220	190	330	6,7	800	1200	1465	80	536
JERTICAL 30	220	190	330	5,5	800	1200	1465	80	450
JERTICAL 60	220	190	330	6,2	800	1200	1465	80	506
JERTICAL 60 VOX	220	190	330	6,5	800	1200	1465	80	530
JOWER 30	220	190	330	5,5	800	1200	1465	80	450
JOWER 60	220	190	330	6,2	800	1200	1465	80	506

JIZAR/S

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ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER ACQUE CHIARE, SPORCHE E LIQUIDI AGGRESSIVI
SUBMERSIBLE ELECTRIC PUMPS FOR WHITE, DIRTY WATER AND AGGRESSIVE LIQUIDS DRAINAGE

PREVALENZA : 8,0 mt. - 10,0 mt.
PORTATA : 9,0 m³/h - 10,5 m³/h
POTENZA NOMINALE : 0,25 kW (0,33 HP) ÷ 0,45 kW (0,6 HP)
PASSAGGIO SOLIDI FINO A 10 mm (SERIE **VOX** 20 mm)

PUMP HEAD : 8,0 mt ÷ 10,0 mt
DELIVERY : 9,0 m³/h ÷ 10,5 m³/h
RATED HORSEPOWER : 0,25 kW (0,33 HP) ÷ 0,45 kW (0,6 HP)
SOLID MATTER BYPASS up to 10 mm (SERIE **VOX** 20 mm)

APPLICAZIONI

- SVUOTAMENTO DA ACQUE PIOVANE, D'INFILTRAZIONE, DI POZZETTI O VASCHE DI RACCOLTA.
- PRELIEVO DA VASCHE DI RACCOLTA DI ACQUE PIOVANE PER PICCOLE IRRIGAZIONI A SCORRIMENTO DI ORTI E DI GIARDINI.
- TRAVASO DI ACQUA CHIARA DA SERBATOI E VASCHE.
- POMPAGGIO DI ACQUE SPORCHE CON CORPI SOLIDI IN SOSPENSIONE (SOLO SERIE **VOX**).
- POMPAGGIO DI LIQUIDI AGGRESSIVI.

APPLICATIONS

- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT.
- GARDEN AND VEGETABLE-GARDEN MINI FLOOD IRRIGATION SYSTEM RAINWATER CATCH TANK PUMP DOWN.
- WHITE WATER PUMP OVER FROM RESERVOIRS AND VATS.
- PUMPING DIRTY WATER WITH POSSIBLE FLOATING SOLID CONTENTS (ONLY **VOX** SERIES).
- PUMPING AGGRESSIVE LIQUID.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A SECCO RAFFREDDATO DAL LIQUIDO POMPATO
- DOPPIA TENUTA MECCANICA: DOPPIO ANELLO DI TENUTA LATO MOTORE, TENUTA MECCANICA A BAGNO D'OLIO LATO POMPA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX.LIQUIDO POMPATO: 35°C
- PASSAGGIO LIBERO: 10 mm JIZAR 30/S - 60/S
20 mm JIZAR 60/S VOX
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD:
Monofase: 10 metri H05VV-F per versione normale (aut.-man).

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

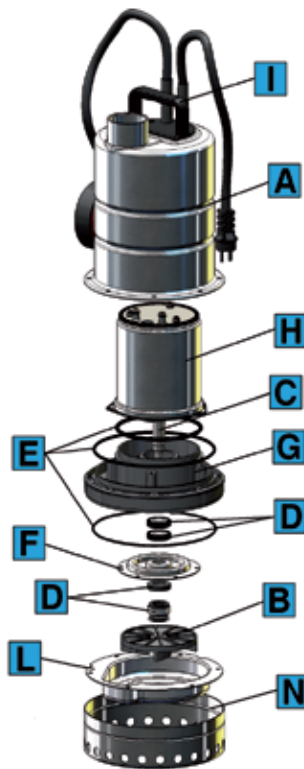
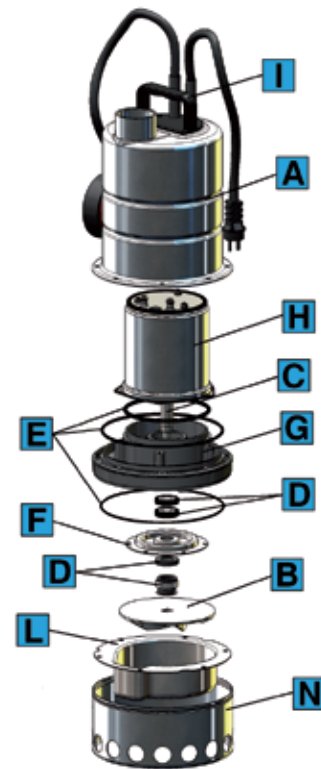
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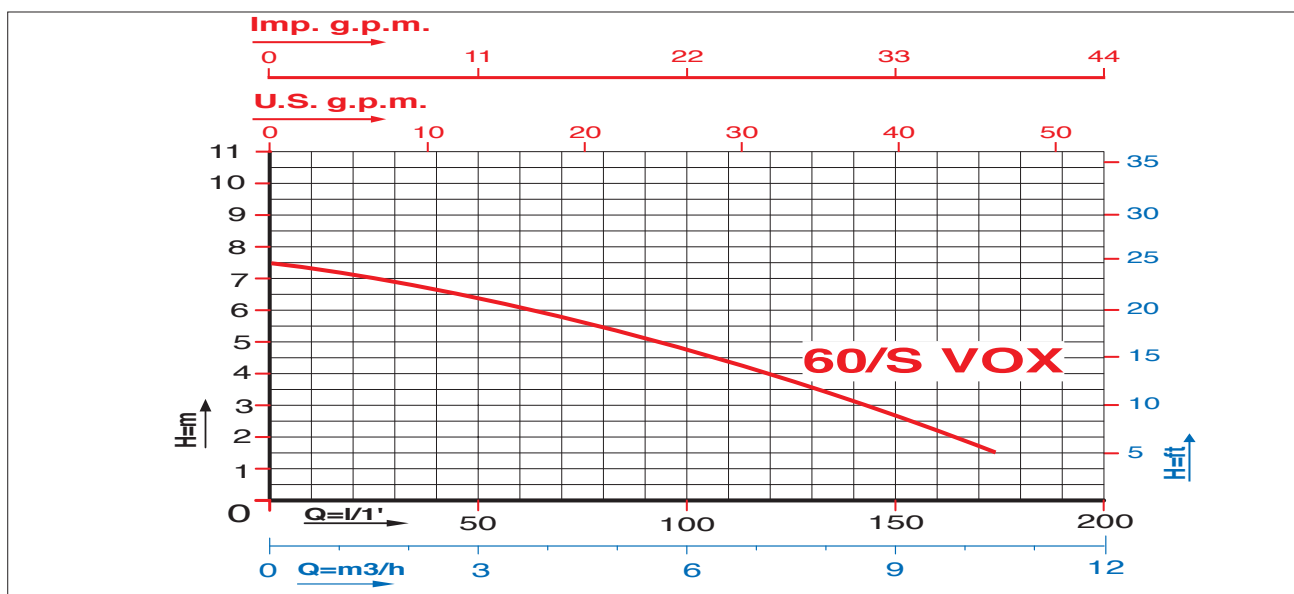
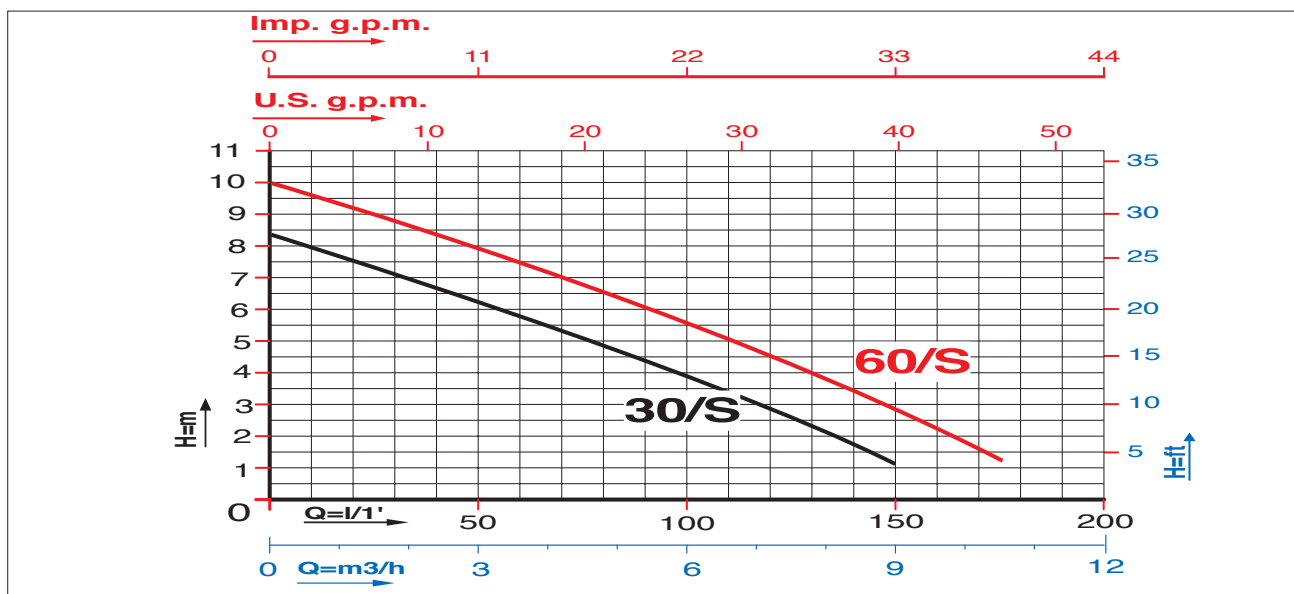
- SEMI WET MOTOR WATERCOOLED
- DOUBLE MECHANICAL SEAL: DOUBLE SEALING RING-ENGINE FACE, OIL BATH MECHANICAL SEALS PUMP FACE
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C
- BY PASS SECTION: 10 mm JIZAR 30/S - 60/S
20 mm JIZAR 60/S VOX .
- VERSIONS: Single Phase: 220-277V/50 Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
- STANDARD CABLE FEATURES:
Single phase :10 metres H05VV-F for the standard version (automatic-manual)

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI - MATERIALS TABLE:

Pos.	Componente - Component	Materiale - Materials
A	Carcassa esterna / External motor housing	ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
B	Girante / Impeller	JIZAR 30/S - 60/S TECNOPOLIMERO TECNOPOLYMER
		JIZAR 60/S VOX ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)	ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face CARBURO DI SILICIO - VITON SILICON CARBIDE - VITON
		Lato motore / Motor face DOPPIO ANELLO DI TENUTA DOUBLE SEALING RING
E	O-ring	VITON
F	Porta tenuta / Seal holder	ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
G	Porta motore / Motor holder	TECNOPOLIMERO TECNOPOLYMER
H	Cassa motore / Motor housing	ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
I	Coperchio / Cover	TECNOPOLIMERO TECNOPOLYMER
L	Diffusore / Diffuser	ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
N	Base d'aspirazione / Suction base	

JIZAR 30/S - 60/S

JIZAR 60/S VOX


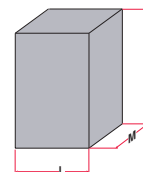
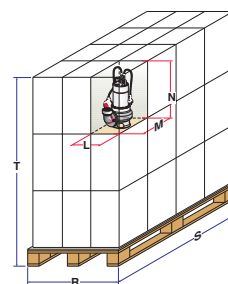
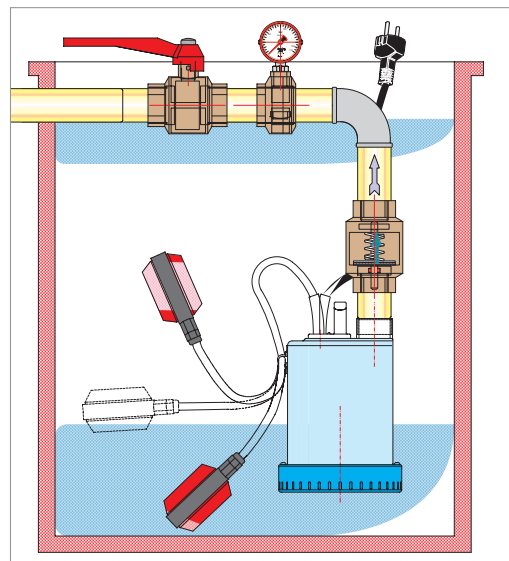
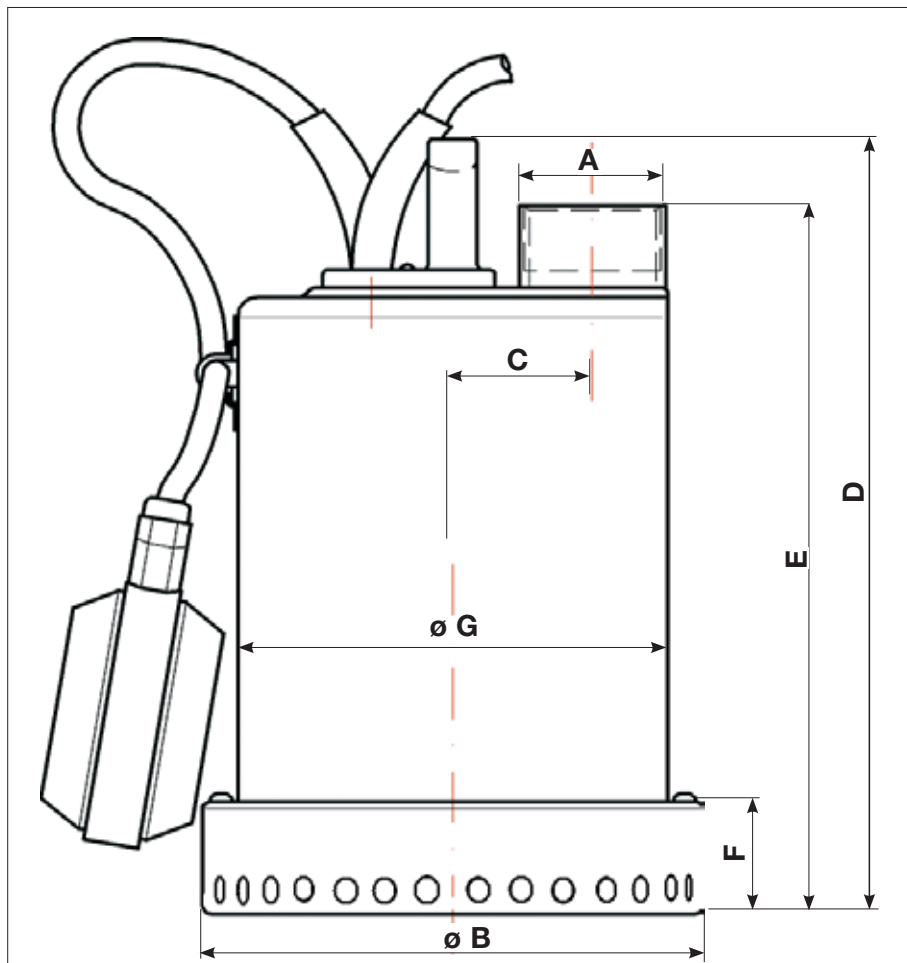


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $p = 1,0 \text{ kg/dm}^3$ ed una viscosità $v = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $p = 1,0 \text{ kg/dm}^3$ density and a $v = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA								
		P1max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	1,5	3	4,5	6	7,5	9	10,5
	50 Hz	kW	kW	HP	Ampere	µF	VC	l/min.	0	25	50	75	100	125	150	175
JIZAR 30/S M	1 x 220-230V	0,5	0,25	0,33	2,2	8,0	450	H (m)	8,0	7,2	6,2	5,2	4,0	2,6	1,0	---
JIZAR 60/S M	1 x 220-230V	0,7	0,45	0,6	3,0	10,0	450		10,0	8,8	8,0	6,8	5,6	4,5	3,0	1,2
JIZAR 60/S T	3 x 380-440V	0,7	0,45	0,6	1,4	---	---		10,0	8,8	8,0	6,8	5,6	4,5	3,0	1,2
JIZAR 60/S VOX M	1 x 220-230V	0,6	0,45	0,6	2,8	10,0	450		7,5	7,0	6,4	5,5	4,6	3,4	2,6	1,5
JIZAR 60/S VOX T	3 x 380-440V	0,6	0,45	0,6	1,3	---	---		7,5	7,0	6,4	5,5	4,6	3,4	2,6	1,5

PREVALENZA TOTALE IN METRI COLONNA ACQUA
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA :

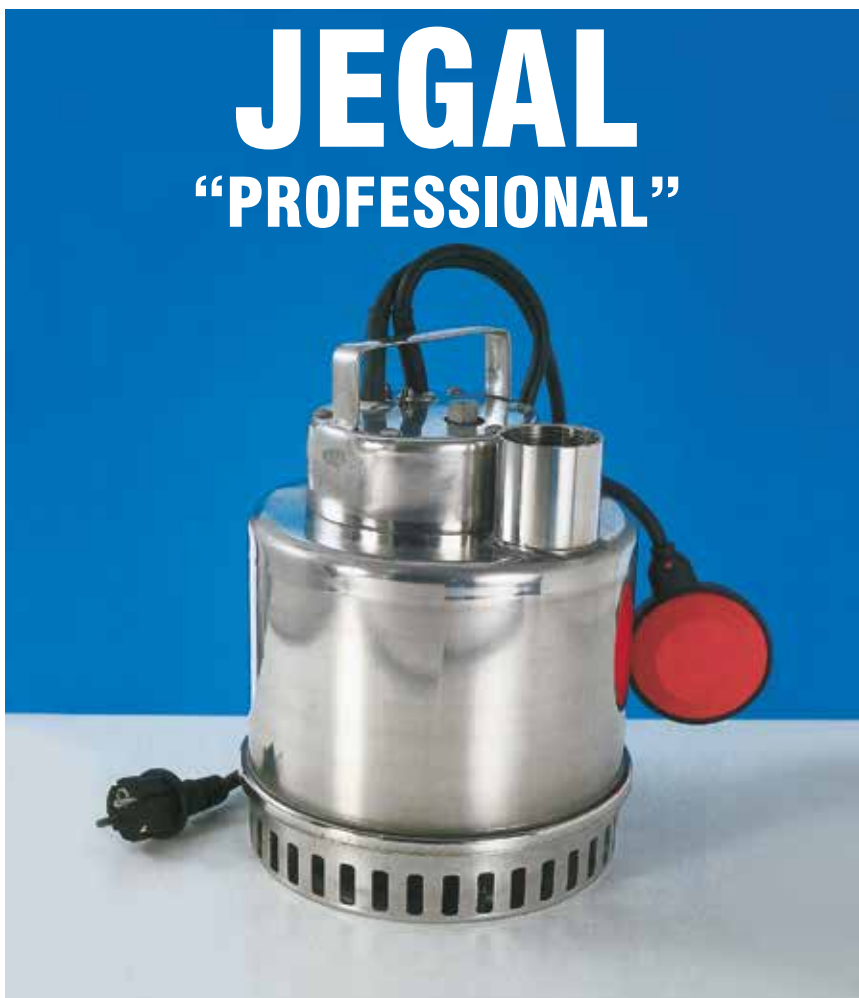


MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JIZAR/S 30	1" 1/4	154	41	249	228	50	132
JIZAR/S 60	1" 1/4	154	41	249	228	50	132
JIZAR/S 60 VOX	1" 1/4	154	41	282	261	74	132

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L	M	N	Peso / Weight Kg	R	S	T	nr. scatole/cartons	Peso / Weight Kg
	mm	mm	mm		mm	mm	mm		
JIZAR 30/S	220	190	330	5,5	800	1200	1465	80	450
JIZAR 60/S	220	190	330	6,2	800	1200	1465	80	506
JIZAR 60/S VOX	220	190	330	6,5	800	1200	1465	80	530

JEGAL

“PROFESSIONAL”



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER ACQUE SPORCHE E LEGGERMENTE SABBIOSE
SUBMERSIBLE ELECTRIC PUMPS FOR LIGHTLY SANDY FOUL WASTEWATER DRAINAGE

SERVIZIO CONTINUO ALTERNATO - ALTERNATED CONTINUE SERVICE

PREVALENZA : 10,5 mt. ÷ 16,5 mt.
PORTATA : 15,0 m³/h ÷ 27,0 m³/h
POTENZA NOMINALE : 0,6 kW (0,8HP) ÷ 1,5 kW (2,2HP)
PASSAGGIO SOLIDI FINO A 10 mm.
PASSAGGIO SOLIDI FINO A 30 mm. (SERIE VOX)

PUMP HEAD : 10,5 mt ÷ 16,5 mt
DELIVERY : 15,0 m³/h ÷ 27,0 m³/h
RATED HORSEPOWER : 0,6 kW (0,8HP) ÷ 1,5 kW (2,2HP)
SOLID MATTER BYPASS up to 10 mm
SOLID MATTER BYPASS up to 30 mm (VOX SERIES)

APPLICAZIONI

- SVUOTAMENTO DI CANTINE, AUTORIMESSE, SCANTINATI
- PARTICOLARMENTE ADATTE PER CANTIERISTICA.
- SVUOTAMENTO DI PISCINE VASCHE IN GENERE E SERBATOI.
- SVUOTAMENTO DA ACQUE PIOVANE, D'INFILTRAZIONE, DI POZZETTI O VASCHE DI RACCOLTA.
- IRRIGAZIONE ORTI E GIARDINI.



APPLICATIONS

- CELLAR, GARAGE AND BASEMENT PUMP OUT.
- PARTICULARLY SUITED TO CONSTRUCTION WORK SITES
- SWIMMING POOLS, ALL SORTS OF VATS, TANKS AND RESERVOIR PUMP OUT.
- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT.
- GARDEN AND VEGETABLE-GARDEN IRRIGATION.

CARATTERISTICHE DI COSTRUZIONE:

- ELETTROPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX.LIQUIDO POMPATO: 35°C
- PASSAGGIO LIBERO: 10 mm. JEGAL 80 - 100 - 150
30 mm. JEGAL 100 VOX - 150 VOX - 200 VOX
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
DA 0,6kW (0,8 Hp) a 1,1kW (1,5Hp) versioni monofase e trifase.
DA 1,5kW (2 Hp) versioni trifase.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man).
5 metri H07RN-F solo per versione automatica.(esclusa REGAL150)
Trifase: 10 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

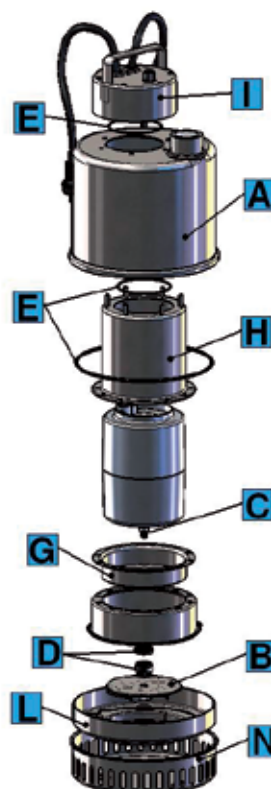
- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION
- MAX. PUMPED LIQUID TEMPERATURE: 35°C
- BY PASS SECTION: 10 mm. JEGAL 80 - 100 - 150
30 mm. JEGAL 100 VOX - 150 VOX - 200 VOX ^{with built}
- VERSIONS: Single Phase: 220-277V/50 Hz or 220-277V/60 Hz in thermal protection and permanent capacitor.
Three Phase : 220-277 V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User
- MOTOR POWER:
From 0,6 kW (0,8 HP) to 1,1kW (1,5 HP) single phase and three phase versions.
From 1,5 kW (2,0 HP) three phase versions.
- AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL SINGLE PHASE VERSIONS, WITHOUT FLOATER
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual)
5 metres H07RN-F only for the automatic version(excluded REGAL150)
Three Phase: 10 metres H07RN-F

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

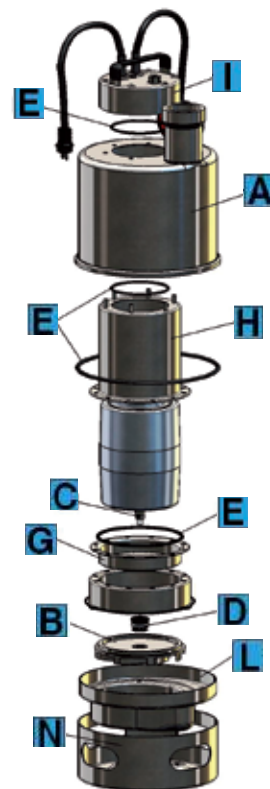
TABELLA MATERIALI / MATERIALS TABLE:

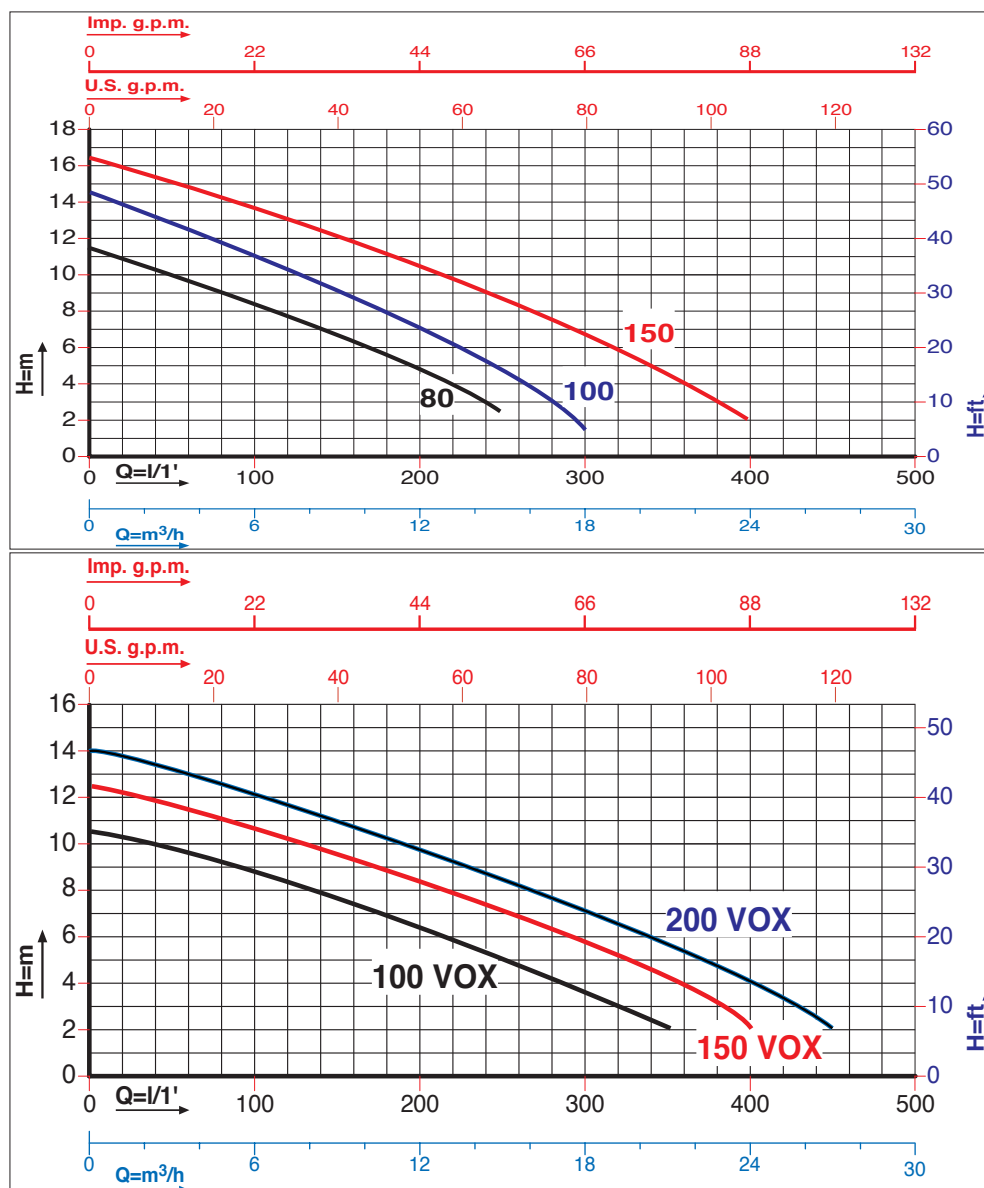
Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		
C	Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump side	CARBURO DI SILICIO-CERAMICA SILICON CARBIDE-CERAMIC
		Lato motore / Motor face	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		NBR
G	Porta motore / Motor holder		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
H	Carcassa motore / Motor housing		
I	Coperchio / Cover		
L	Diffusore / Diffuser		
N	Base / Base		

JEGAL 80 - 100 - 150



JEGAL 100-150-200 VOX



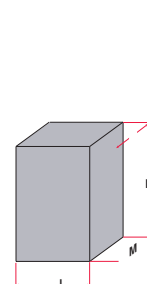
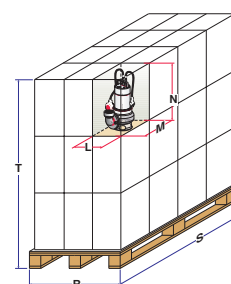
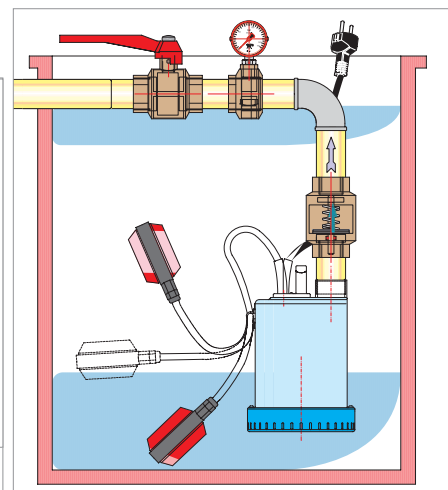
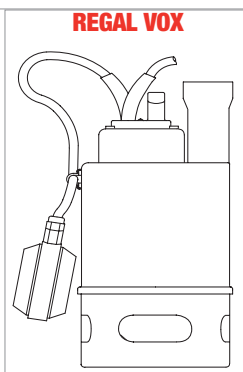
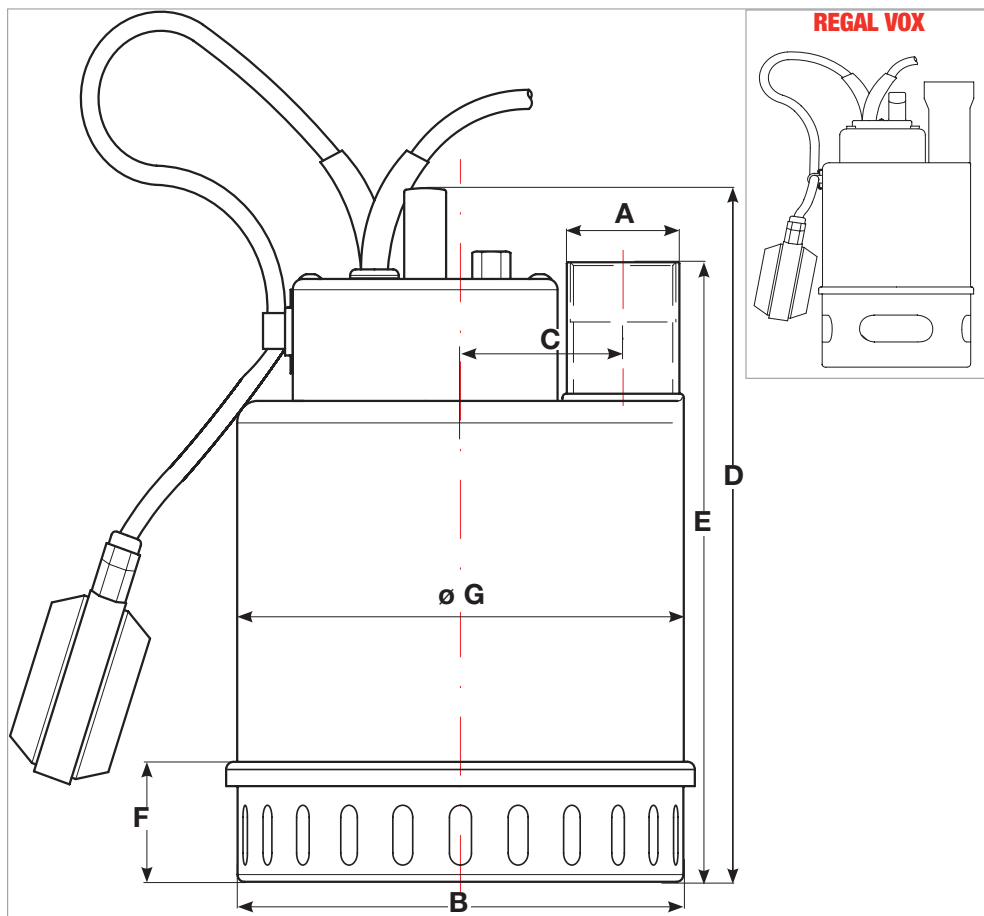


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1 max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	3	6	9	12	15	18	21	24	27
	50 Hz	kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	150	200	250	300	350	400	450
JEGAL 80 M	1 x 220-230V	1,1	0,6	0,8	4,5	16,0	450	H (m)	11,5	10,0	8,0	6,5	4,5	2,5	---	---	---	---
JEGAL 80 T	3 x 380-440V	0,9	0,6	0,8	2,1	---	---		11,5	10,0	8,0	6,5	4,5	2,5	---	---	---	---
JEGAL 100 M	1 x 220-230V	1,5	0,75	1,0	6,5	20,0	450		14,5	13,0	11,0	9,0	7,0	4,0	1,5	---	---	---
JEGAL 100 T	3 x 380-440V	1,3	0,75	1,0	2,2	---	---		14,5	13,0	11,0	9,0	7,0	4,0	1,5	---	---	---
JEGAL 150 M	1 x 220-230V	2,2	1,1	1,5	10,6	30,0	450		16,5	15,0	14,0	12,0	11,0	9,0	7,0	4,5	2,0	---
JEGAL 150 T	3 x 380-440V	2,0	1,1	1,5	3,3	---	---		16,5	15,0	14,0	12,0	11,0	9,0	7,0	4,5	2,0	---
JEGAL 100 VOX M	1 x 220-230V	1,5	0,75	1,0	6,8	20,0	450		10,5	10,0	8,5	7,5	6,5	5,0	3,5	2,0	---	---
JEGAL 100 VOX T	3 x 380-440V	1,5	0,75	1,0	2,4	---	---		10,5	10,0	8,5	7,5	6,5	5,0	3,5	2,0	---	---
JEGAL 150 VOX M	1 x 220-230V	2,2	1,1	1,5	9,0	30,0	450		12,5	11,5	10,5	9,5	8,0	7,0	6,0	4,0	2,0	---
JEGAL 150 VOX T	3 x 380-440V	2,0	1,1	1,5	3,3	---	---		12,5	11,5	10,5	9,5	8,0	7,0	6,0	4,0	2,0	---
JEGAL 200 VOX M	1 x 220-230V	2,4	1,5	2,0	10,5	30,0	450		14,0	13,0	12,0	11,0	10,0	8,5	7,0	5,5	4,0	2,0
JEGAL 200 VOX T	3 x 380-440V	2,2	1,5	2,0	3,8	---	---		14,0	13,0	12,0	11,0	10,0	8,5	7,0	5,5	4,0	2,0

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:

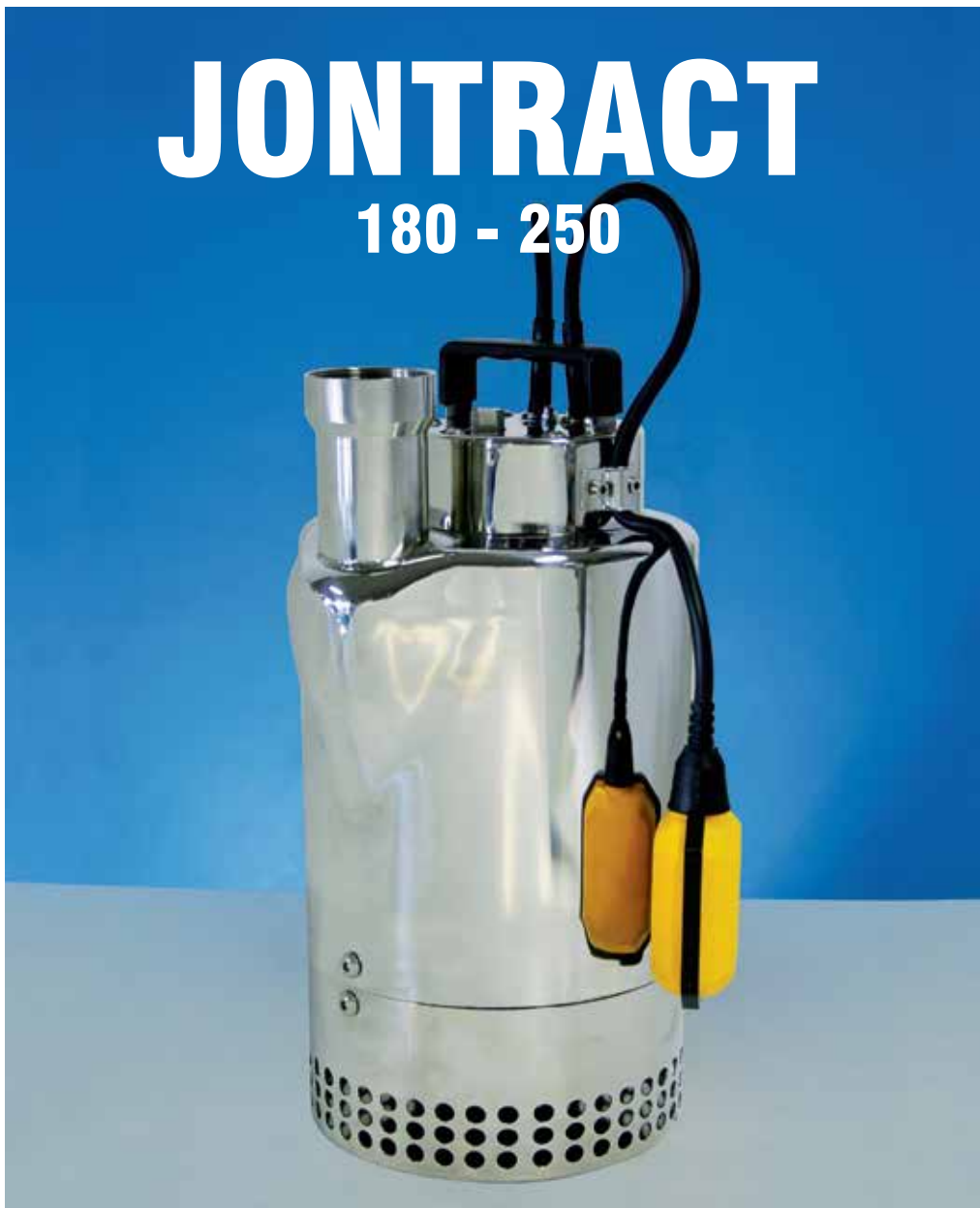


MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JEGAL 80	1" 1/2	212,4	73	290,2	259,2	50,5	202
JEGAL 100	1" 1/2	212,4	73	290,2	259,2	50,5	202
JEGAL 150	2"	212,4	73	326,7	294,7	50,5	202
JEGAL 100 VOX	1 1/2"	204	73	344,2	325,2	106	202
JEGAL 150 VOX	2"	204	73	384,7	393,2	106	203
JEGAL 200 VOX	2"	204	73	384,7	393,2	106	203

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/cartons	Peso / Weight Kg
JEGAL 80	220	320	340	9,0	800	1200	1400	48	447
JEGAL 100	220	320	340	11,0	800	1200	1400	48	543
JEGAL 150	250	290	460	18,0	800	1200	1400	36	663
JEGAL 100 VOX	260	320	480	13,0	800	1200	1400	36	483
JEGAL 150 VOX	260	320	480	20,0	800	1200	1400	36	735
JEGAL 200 VOX	260	320	480	21,0	800	1200	1400	36	771

JONTRACT

180 - 250



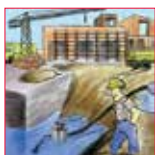
ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER CANTIERISTICA **SUBMERSIBLE ELECTRIC PUMPS FOR CONSTRUCTION WORK SITE DRAINAGE**

PREVALENZA : 17,5 mt. ÷ 18,5 mt.
PORTATA : 30 m³/h ÷ 36 m³/h
POTENZA NOMINALE : 1,1 kW (1,5HP) ÷ 1,8 kW (2,5HP)

PUMP HEAD : 17,5 mt ÷ 18,5 mt
DELIVERY : 30,0 m³/h ÷ 36,0 m³/h
RATED HORSEPOWER : 1,1 kW (1,5HP) ÷ 1,8 kW (2,5HP)

APPLICAZIONI

- DRENAGGIO DI CANTIERI EDILI E DI CUNICOLI.
- IDONEE PER IL PROSCIUGAMENTO DI SCANTINATI E BOX.
- MOVIMENTAZIONE DI ACQUE MODERATAMENTE CARICHE CONTENENTI MATERIALI ANCHE ABRASIVI, IMPIANTI DI IRRIGAZIONE, ACQUE PIOVANE E DI FALDA.



APPLICATIONS

- WORK SITE, TRENCH DUCTS AND UNDERGROUND PASSAGE PUMP OUT
- SUITED TO CELLAR, GARAGE AND BASAMENT PUMP OUT.
- HANDLING OF MODERATELY FOUL WATER WITH MATERIAL AND/OR ABRASIVE MATERIAL CONTENTS.

CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- PASSAGGIO LIBERO: 10 mm.
- MONOFASE 220 - 277V/50Hz o 220 - 277V / 60 Hz:
 - con protettore termico incorporato e condensatore permanentemente inserito. (HP 1,5)
 - con protettore termico incorporato e quadro elettrico in materiale plastico completo di condensatore e interruttore. (HP 2,5)
- TRIFASE: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
 - da 1,1 kW (1,5 HP) a 1,8 kW (2,5HP) versioni monofase e trifase.
- VERSIONI MONOFASI:
 - automatiche con galleggiante.
 - manuali senza galleggiante.
- CAVO STANDARD (CON GALLEGGIANTE MANUALE):
 - Monofase: 10 metri H07RN-F senza spina. (HP 1,5)
 - 10 metri H07RN-F completa di quadro elettrico con spezzone cavo 0,7 metri senza spina. (HP 2,5)
 - Trifase: 10 metri H07RN-F senza spina.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO MONOFASE CON 2 CONDENSATORI (AVVIO/MARCIA).
- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO GALLEGGIANTE ELETTROMECCANICO.
- GALLEGGIANTE 10-20 mt. DI CAVO.
- RACCORDI E PORTA GOMMA RAPIDI DA 2" e 3" IN ALLUMINIO RAPIDO.

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC OIL) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- BY PASS SECTION: 10 mm.
- SINGLE PHASE 220 - 277V/50Hz or 220 - 277V / 60 Hz:
 - with built in thermal protection and permanent capacitor. (HP 1,5)
 - with built in thermal protection and plastic casing power supply box comprising capacitor and switch. (HP 2,5)
- THREE PHASES: 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER:
 - From 1,1 kW(1,5 HP) to 1,5 kW (2,5HP) single phase and three phase versions.
- SINGLE PHASE VERSIONS:
 - automatic version with floater.
 - manual version without floater.
- STANDARD CABLE FEATURES (WITH MANUAL FLOATER):
 - Single Phase: 10 metres H07RN-F without plug. (HP 1,5)
 - 10 metres H07RN-F complete with power supply box 0.7 m cable section, without connection plug. (HP 2,5)
 - Three phase: 10 metres H07RN-F without plug.

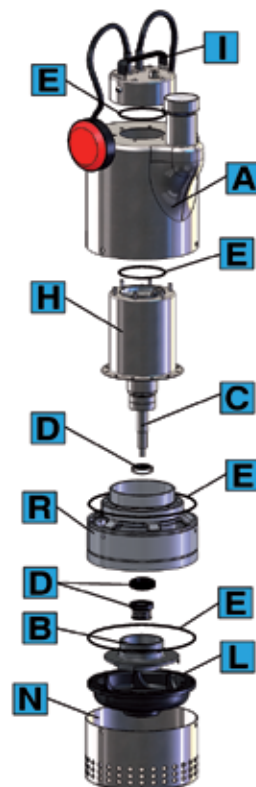
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

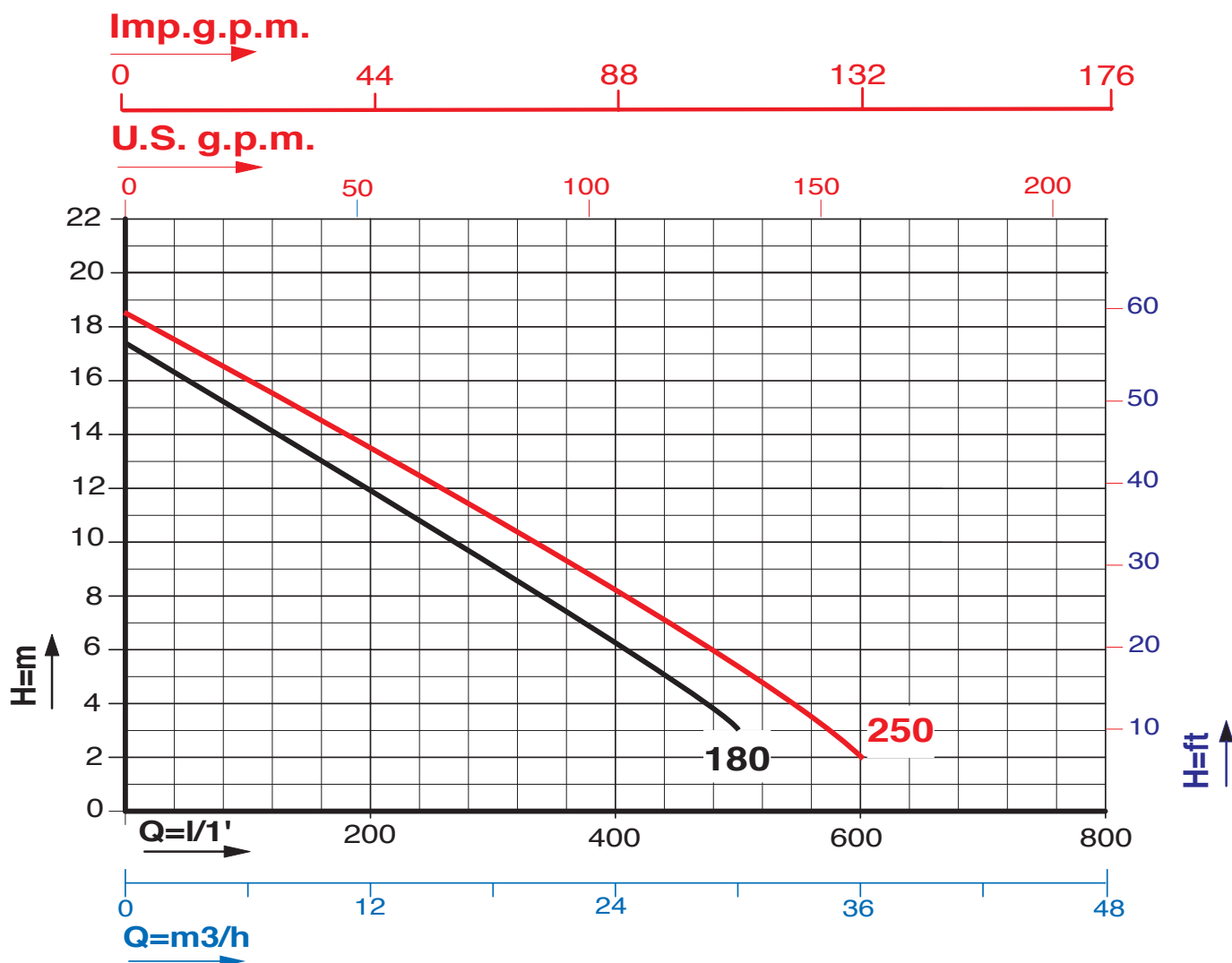
ACCESSORIES AVAILABLE ON DEMAND:

- SINGLE PHASE ELECTRICAL BOX WITH 2 CAPACITORS (STARTER/RUN).
- THREE PHASES ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CABLE: 10-20 metres.
- 2" AND 3" QUICK-UNION ALUMINIUM CONNECTORS AND RUBBER PIECE HOLDERS.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		ACCIAIO INOX SPECIALE SPECIAL STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Doppia tenuta meccanica Double mechanical seal	Lato pompa / Pump face	CARBURIO DI SILICIO-CERAMICA / SILICON CARBIDE-CERAMIC
		Lato motore / Motor face	GRAFITE-CERAMICA GRAPHITE-CERAMIC
E	O-ring		NBR
H	Carcassa motore / Motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / Cover		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
L	Diffusore / Diffuser		HNBR CON ANIMA ACCIAIO HNBR WITH CORE STEEL
N	Base aspirazione / Suction base		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
R	Flangia inferiore / Lower flange		ALLUMINIO CON TRATTAMENTO SPECIALE ALUMINIUM WITH SPECIAL TREATMENT

JONTRACT 180 - 250




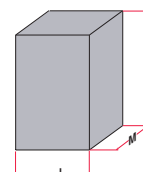
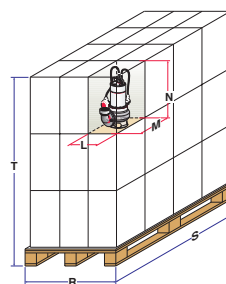
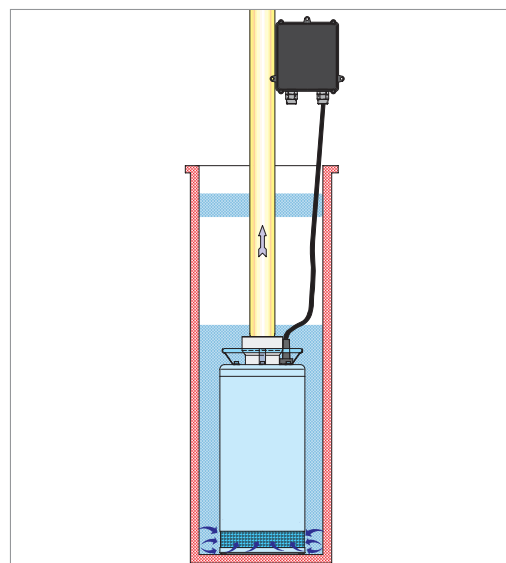
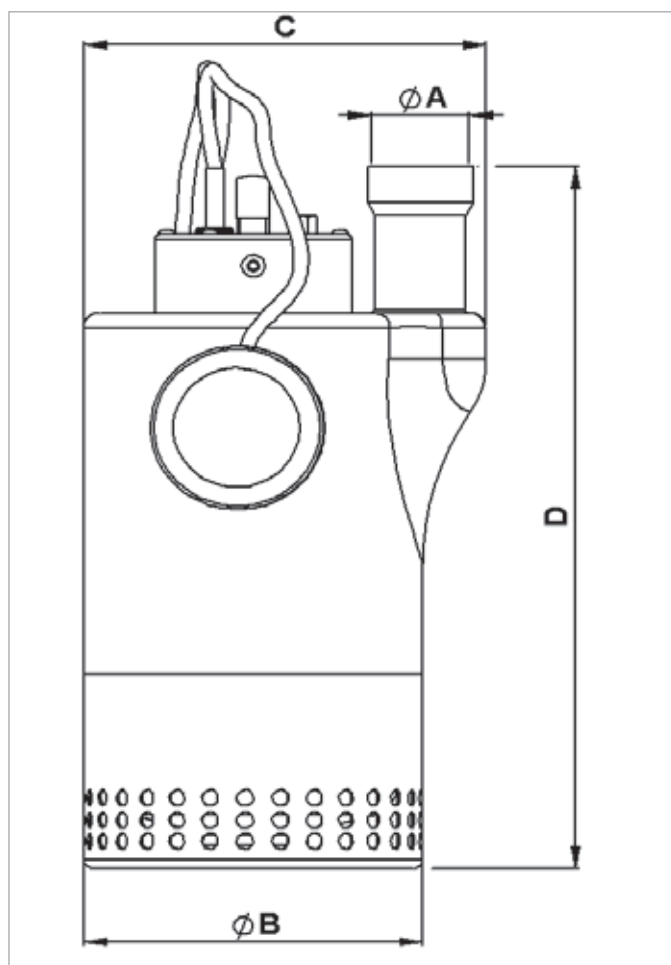
Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA						
		P1 max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	3	12	21	3036	
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	200	350	500	600
JONTRACT 180 M	1 x 220-230V	2,2	1,1	1,5	9,5	30,0	450	H (m)	17,5	16,0	12,0	8,0	3,0	
JONTRACT 180 T	3 x 380-400V	2,0	1,1	1,5	3,3	---	---		17,5	16,0	12,0	8,0	3,0	
JONTRACT 250 M	1 x 220-230V	3,0	1,8	2,5	13,5	40,0	450		18,5	17,0	14,0	9,5	5,0	2,0
JONTRACT 250 T	3 x 380-400V	2,8	1,8	2,5	4,6	---	---		18,5	17,0	14,0	9,5	5,0	2,0

PREVALENZA TOTALE in METRI
COLONNA ACQUA / TOTAL PUMP HEAD AND
WATER COLUMN HEIGHT in m.

PREVALENZA TOTALE IN METRI
COLUMN ACQUA / TOTAL PUMP HEAD AND
WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.			
	A	B	C	D
JONTRACT 180 M	2"	203	230	446
JONTRACT 180 T	2"	203	230	446
JONTRACT 250 M	2"	203	230	446
JONTRACT 250 T	2"	203	230	446

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JONTRACT 180 M	650	370	260	21,0	800	1200	1450	20	420
JONTRACT 180 T	650	370	260	21,0	800	1200	1450	20	420
JONTRACT 250 M	650	370	260	25,0	800	1200	1450	20	500
JONTRACT 250 T	650	370	260	25,0	800	1200	1450	20	500

JONTRACT

300 - 400 - 600



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER CANTIERISTICA **SUBMERSIBLE ELECTRIC PUMPS FOR CONSTRUCTION WORK SITE DRAINAGE**

PREVALENZA : 20,0 mt. ÷ 23,0 mt.
PORTATA : 54,0 m³/h ÷ 84,0 m³/h
POTENZA NOMINALE : 2,25 kW (3HP) ÷ 4,5 kW (6HP)

PUMP HEAD : 20,0 mt ÷ 23,0 mt
DELIVERY : 54,0 m³/h ÷ 84,0 m³/h
RATED HORSEPOWER : 2,25 kW (3,0HP) ÷ 4,5 kW (6,0HP)

APPLICAZIONI

- DRENAGGIO DI CANTIERI EDILI E DI CUNICOLI.
- IDONEE PER IL PROSCIUGAMENTO DI SCANTINATI E BOX.
- MOVIMENTAZIONE DI ACQUE MODERATAMENTE CARICHE CONTENENTI MATERIALI ANCHE ABRASIVI, IMPIANTI DI IRRIGAZIONE, ACQUE PIOVANE E DI FALDA.

APPLICATIONS

- WORK SITE, TRENCH DUCTS AND UNDERGROUND PASSAGE PUMP OUT.
- SUITED TO CELLAR, GARAGE AND BASEMENT PUMP OUT.
- HANDLING OF MODERATELY FOUL WATER WITH MATERIAL AND/OR ABRASIVE MATERIAL CONTENTS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- PASSAGGIO LIBERO: 10 mm.
- MONOFASE 220 - 277V/50Hz o 220 - 277V / 60 Hz, con protettore termico incorporato e quadro elettrico in materiale plastico completo di condensatore e interruttore.
- TRIFASE 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
da 2,25 kW (3,0 Hp) versioni monofase e trifase.
da 3,0 kW (4,0 HP) a 4,5kW (6,0 HP) solo versione trifase.
- VERSIONI MONOFASI MANUALI (senza galleggiante).
- CAVO STANDARD:
Monofase: 10 metri H07RN-F completa di quadro elettrico con spezzone cavo 0,7 metri senza spina.
Trifase: 10 metri H07RN-F senza spina.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO MONOFASE CON 2 CONDENSATORI (AVVIO/MARCIA).
- QUADRO ELETTRICO MONOFASE E TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO DI GALLEGGIANTE ELETTROMECCANICO.
- GALLEGGIANTE 10-20 mt. DI CAVO.
- RACCORDI E PORTA GOMMA RAPIDI DA 2" e 3" IN ALLUMINIO RAPIDO.

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC OIL) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- BY PASS SECTION: 10 mm.
- SINGLE PHASE 220 - 277V/50Hz or 220 - 277V / 60 Hz, with built in thermal protection and plastic casing power supply box comprising capacitor and switch.
- THREE PHASES: 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER:
From 2,25 kW (3,0 HP) single phase and three phases versions.
From 3,0 kW (4,0 HP) to 4,5 kW (6,0 HP) only three phases version.
- SINGLE PHASE VERSIONS only manual (without floater).
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F complete with power supply box 0.7 m cable section, without connection plug.
Three phases: 10 metres H07RN-F without plug.

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

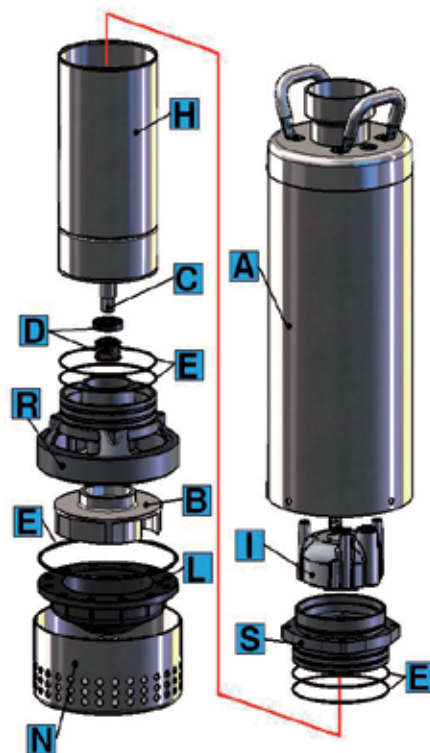
ACCESSORIES AVAILABLE ON DEMAND:

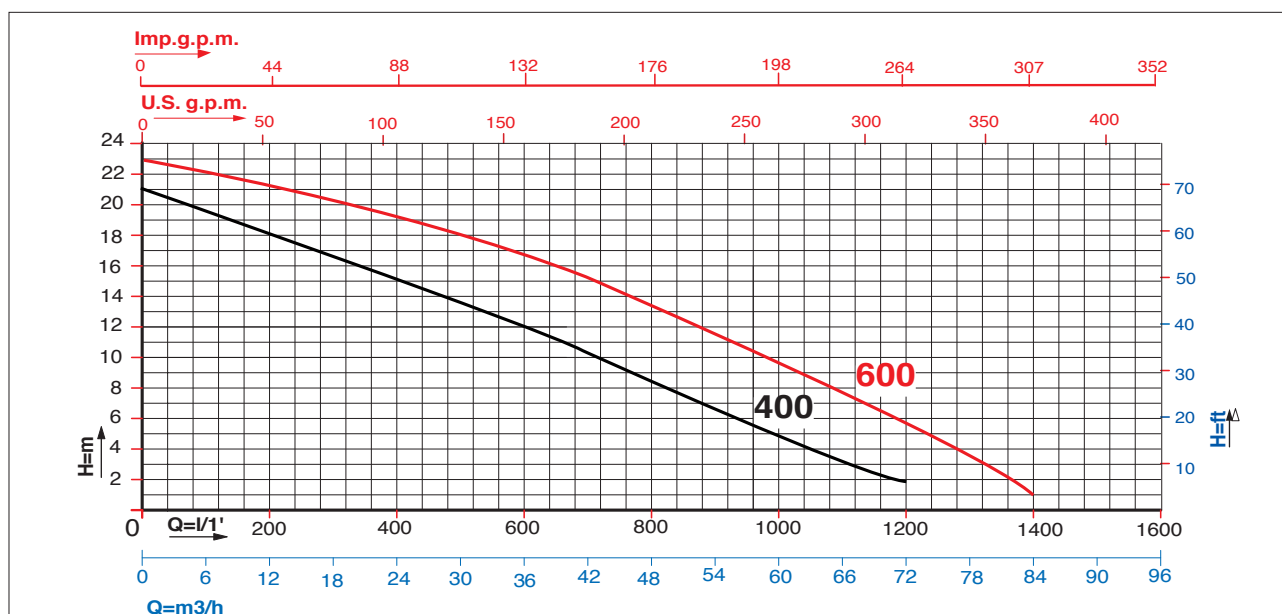
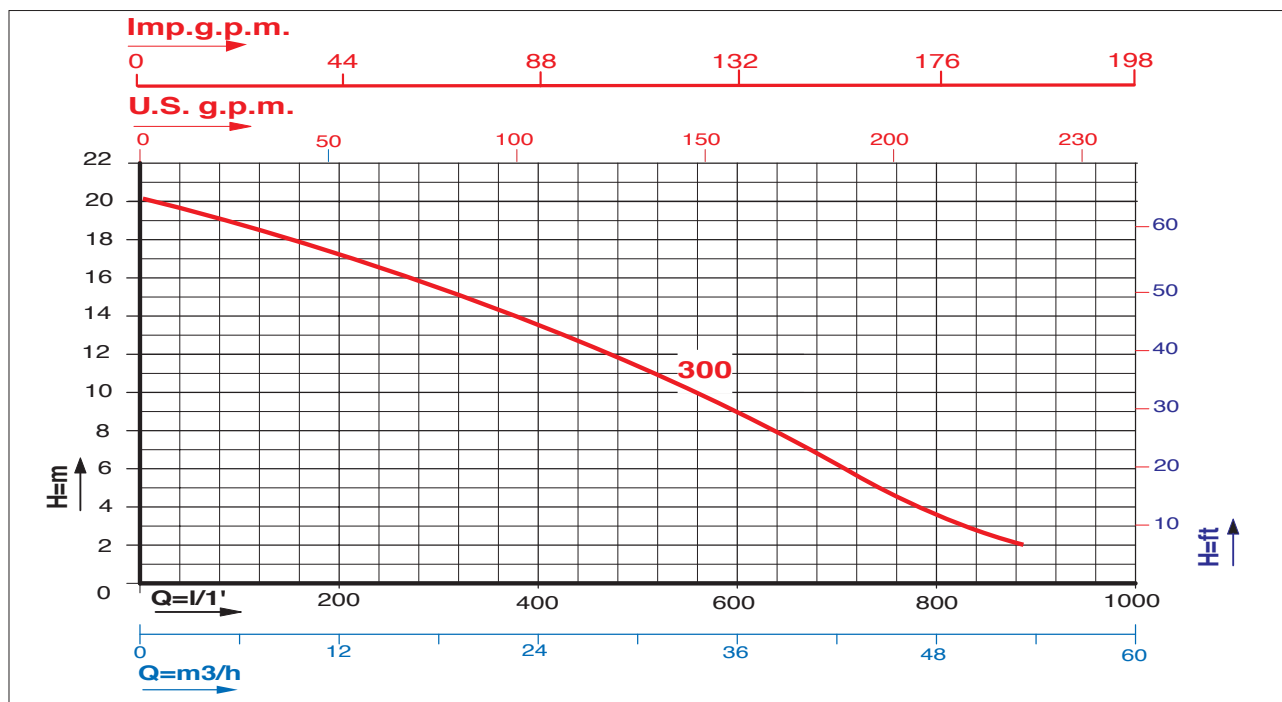
- SINGLE PHASE ELECTRICAL BOX WITH 2 CAPACITORS (STARTER/RUN).
- SINGLE PHASE AND THREE PHASE ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CABLE: 10-20 metres.
- 2" AND 3" QUICK-UNION ALUMINIUM CONNECTORS AND RUBBER PIECE HOLDERS.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		ACCIAIO INOX SPECIALE SPECIAL STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Doppia tenuta meccanica Double mechanical seal	Lato pompa / Pump face	CARBURIO DI SILICIO-CARBURIO DI SILICIO / SILICON CARBIDE-SILICON CARBIDE
		Lato motore / Motor face	GRAFITE-CERAMICA GRAPHITE-CERAMIC
E	O-ring		NBR
H	Carcassa motore / Motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / Cover		GHISA (G20) CAST IRON
L	Diffusore / Diffuser		HNBR CON ANIMA ACCIAIO HNBR WITH CORE STEEL
N	Base aspirazione / Suction base		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
R	Flangia inferiore / Lower flange		GHISA (G20) CAST IRON
S	Flangia superiore / Upper flange		

JONTRACT 300 - 400 - 600



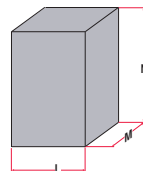
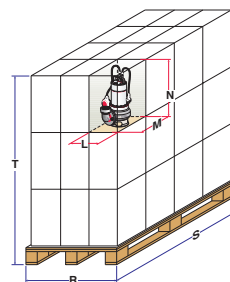
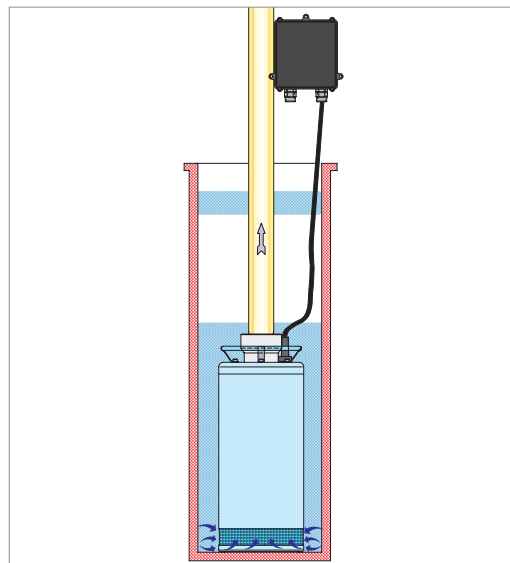
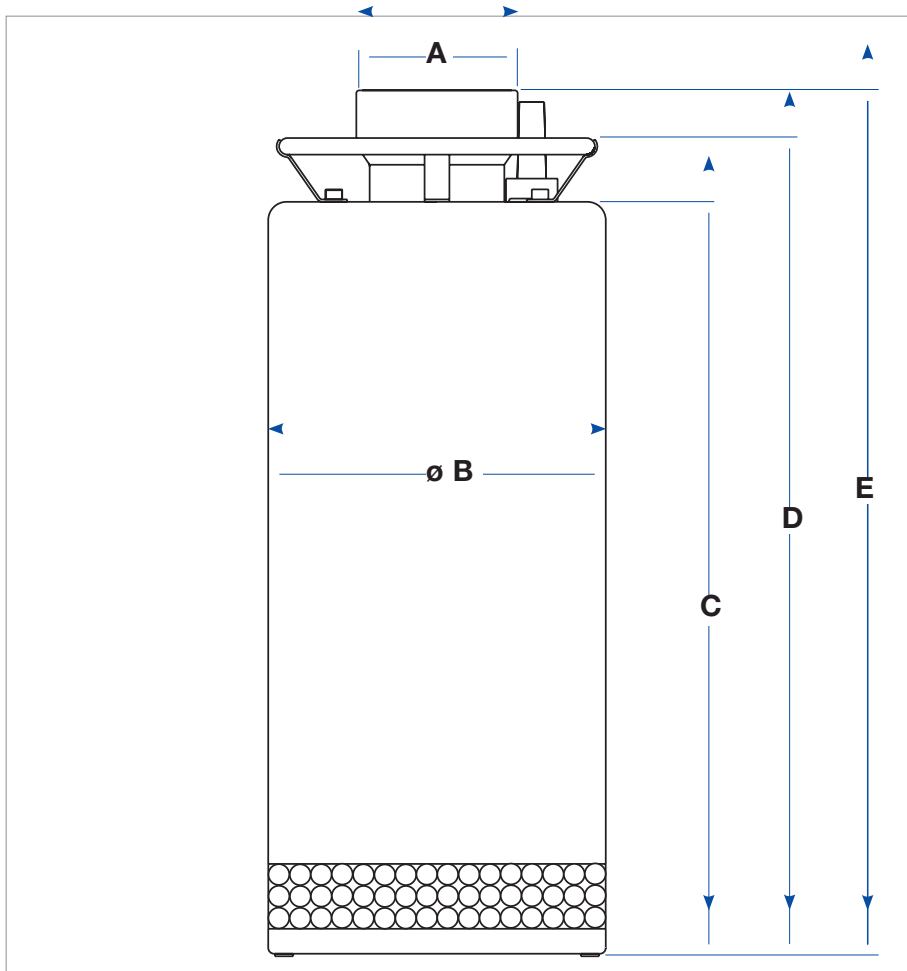


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1 max		P2 nom.		I max	Condensatore Capacitor										
		kW	kW	HP	Ampere			m³/h	0	3	12	21	30	42	54	72	84
JONTRACT 300 M	1 x 220-230V	4,0	2,25	3,0	20,0	80,0	450	l/min.	0	50	200	350	500	700	900	1200	1400
JONTRACT 300 T	3 x 380-440V	3,7	2,25	3,0	6,5	---	---	H (m)	20,0	18,5	17,0	14,5	11,5	6,0	2,0	---	---
JONTRACT 400 T	3 x 380-440V	5,0	3,0	4,0	9,5	---	---		20,0	18,5	17,0	14,5	11,5	6,0	2,0	---	---
JONTRACT 600 T	3 x 380-440V	7,0	4,5	6,0	13,0	---	---		21,0	20,0	18,0	16,0	13,5	10,5	6,5	2,0	---
									23,0	22,5	21,5	19,5	18,0	15,2	11,8	5,8	1,0

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.				
	A	B	C	D	E
JONTRACT 300 M	3"	203	484	539	551
JONTRACT 300 T	3"	203	484	539	551
JONTRACT 400 T	3"	203	484	539	551
JONTRACT 600 T	3"	203	484	539	551

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JONTRACT 300 M	580	400	260	38,0	800	1200	900	12	481
JONTRACT 300 T	580	400	260	38,0	800	1200	900	12	481
JONTRACT 400 T	580	400	260	38,0	800	1200	900	12	481
JONTRACT 600 T	580	400	260	43,0	800	1200	900	12	541

JONTRACT

550 - 750 - 1250 - 1500



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER CANTIERISTICA **SUBMERSIBLE ELECTRIC PUMPS FOR CONSTRUCTION WORK SITE DRAINAGE**

PREVALENZA : 34 mt. ÷ 45 mt.
PORTATA : 72 m³/h ÷ 120 m³/h
POTENZA NOMINALE : 4,0 kW (5,5 HP) ÷ 11 kW (15 HP)

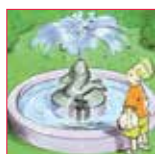
PUMP HEAD : 34 mt ÷ 45 mt
DELIVERY : 72 m³/h ÷ 120m³/h
RATED HORSEPOWER : 4,0 kW (5,5 HP) ÷ 11 kW (15 HP)

APPLICAZIONI

- DRENAGGIO DI CANTIERI EDILI E DI CUNICOLI.
- IDONEE PER IL PROSCIUGAMENTO DI SCANTINATI E BOX.
- MOVIMENTAZIONE DI ACQUE MODERATAMENTE CARICHE CONTENENTI MATERIALI ANCHE ABRASIVI, IMPIANTI DI IRRIGAZIONE, ACQUE PIOVANE E DI FALDA.

APPLICATIONS

- WORK SITE, TRENCH DUCTS AND UNDERGROUND PASSAGE PUMP OUT.
- SUITED TO CELLAR, GARAGE AND BASEMENT PUMP OUT.
- HANDLING OF MODERATELY FOUL WATER WITH MATERIAL AND/OR ABRASIVE MATERIAL CONTENTS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA IN BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- PASSAGGIO LIBERO: 10 mm.
- MONOFASE 220 - 277V/50Hz o 220 - 277V / 60 Hz:
- TRIFASE: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
da 4,0 kW (5,5 Hp) a 11,0 kW (15 Hp) trifase.
- CAVO STANDARD
Monofase: 10 metri H07RN-F completa di quadro elettrico con spezzone cavo 0,7 metri senza spina.
Trifase: 10 metri H07RN-F senza spina.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO DI
- GALLEGGIANTE CON PROTEZIONE TERMICA SULL'AVVOLGIMENTO E MONITORAGGIO CON SENSORE IN CAMERA D'OLIO (INFILTRAZIONE D'ACQUA)
- GALLEGGIANTE 10-20 mt. DI CAVO.
- RACCORDI E PORTA GOMMA RAPIDI DA 4" IN ALLUMINIO RAPIDO.

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC OIL) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS IN OIL BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- BY PASS SECTION: 10 mm.
- THREE PHASES: 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER:
From 4,0 kW (5,5 HP) to 11 kW (15 HP) only three phases versions.
- STANDARD CABLE FEATURES
Single Phase: 10 metres H07RN-F complete with power supply box 0.7 m cable section, without connection plug.
Three phase: 10 metres H07RN-F without plug.

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

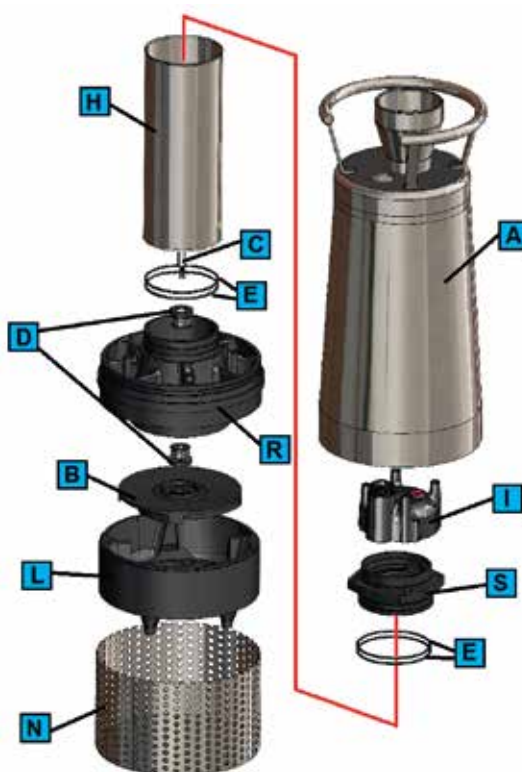
ACCESSORIES AVAILABLE ON DEMAND:

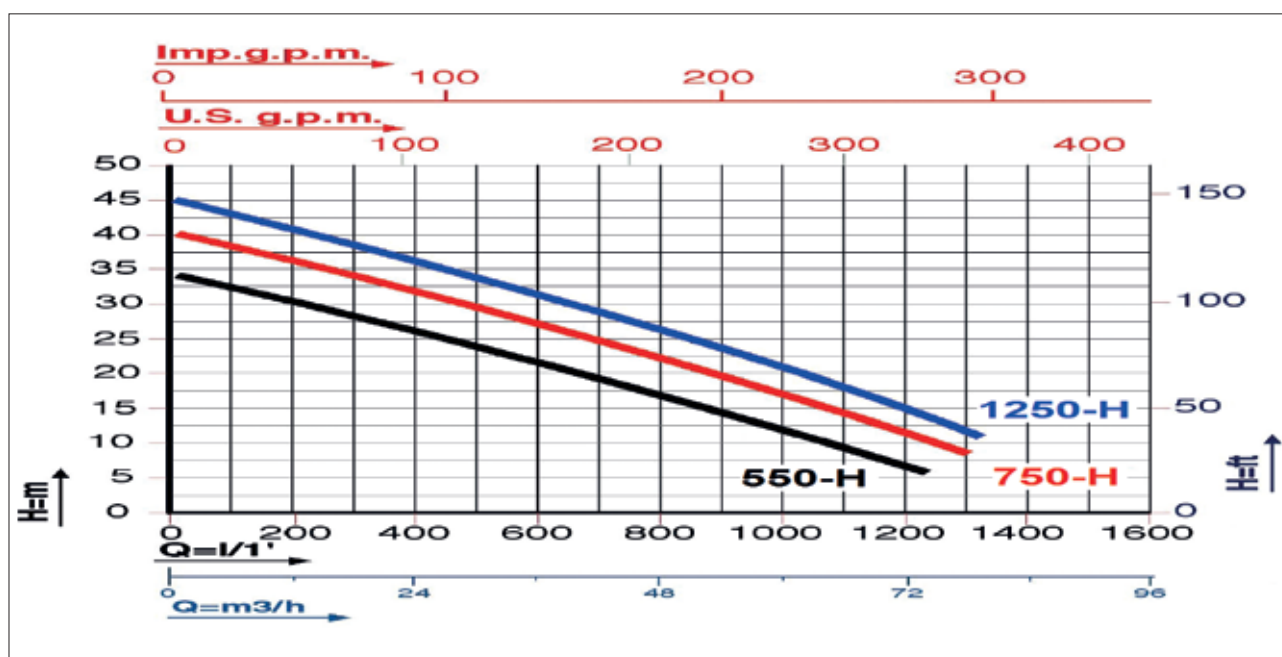
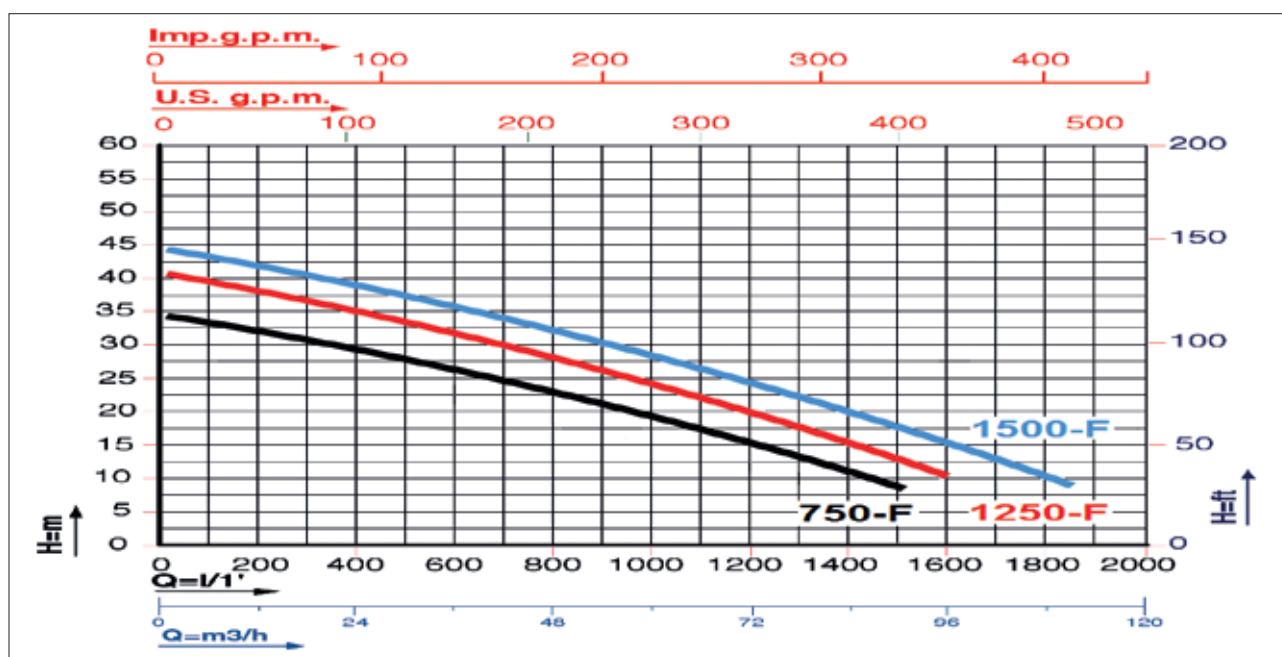
- THREE PHASE ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC FLOATER CONTROLS AND THE OIL SENSOR
- FLOATER CABLE : 10-20 metres.
- QUICK-UNION ALUMINIUM CONNECTORS AND RUBBER PIECE HOLDERS.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		GHISA (GJS 400) CON TRATTAMENTO CAST IRON WITH THRETMENT
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Doppia tenuta meccanica In camera d'olio Double mechanical seal In oil bath	Lato pompa / Pump face	CARBURIO DI SILICIO-CARBURIO DI SILICIO/SILICON CARBIDE- SILICON CARBIDE
		Lato motore / Motor face	GRAFITE-ALLUMINA GRAPHITE-ALLUMINA
E	O-ring		NBR
H	Carcassa motore / Motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / Cover		GHISA (G20) CAST IRON
L	Diffusore / Diffuser		HNBR CON ANIMA GHISA HNBR WITH CAST IRON
N	Base aspirazione / Suction base		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
R	Flangia inferiore / Lower flange		GHISA (G25) CAST IRON
S	Flangia superiore / Upper flange		GHISA (G20) CAST IRON

JONTRACT 180 - 250





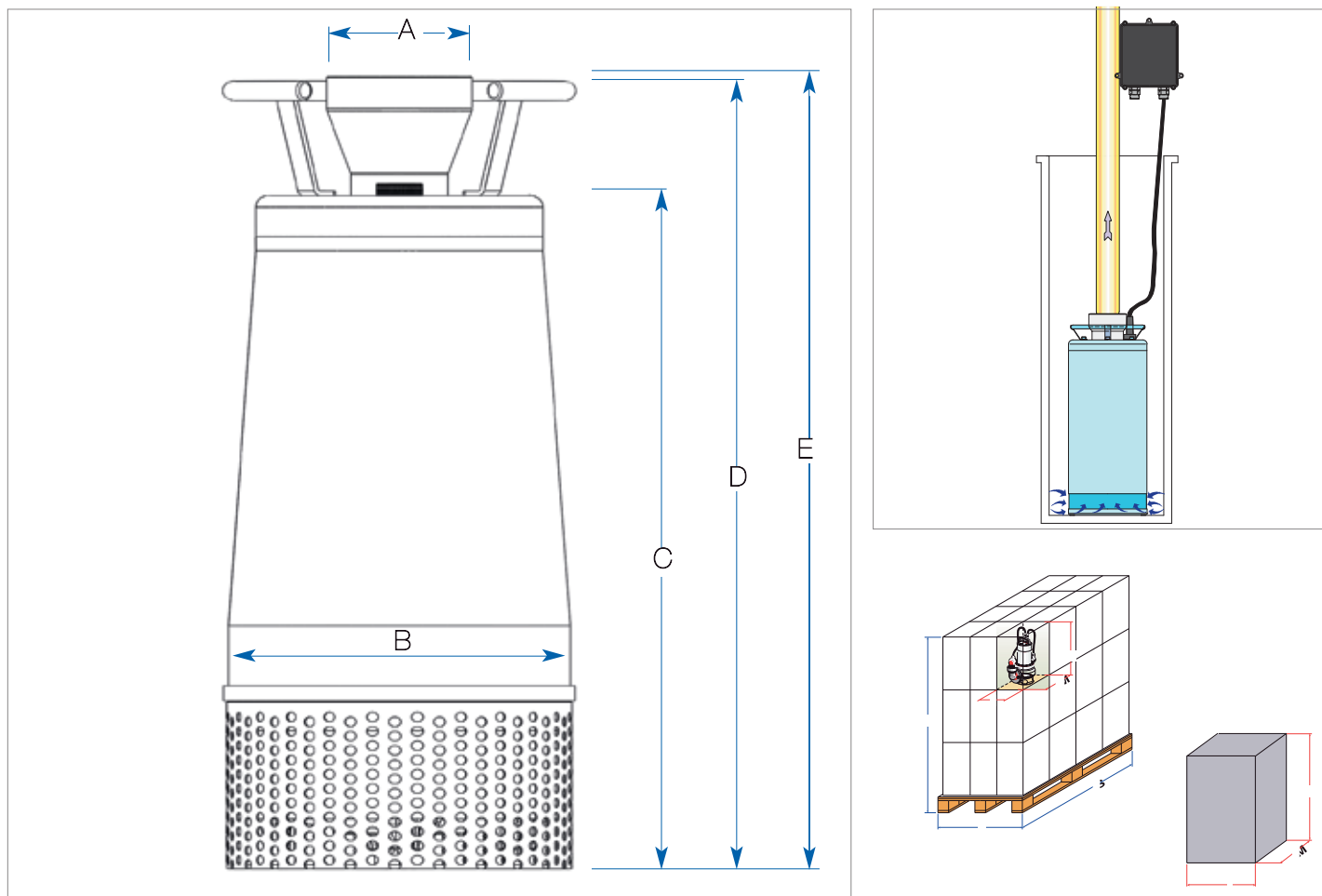
Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA												
		P1max	P2 nom.	I max	Condensatore Capacitor		m ³ /h	0	3	12	21	30	42	54	72	84	96	108	120	
	50 Hz	kW	kW	HP	Ampere	µF	VC	l/min.	0	50	200	350	500	700	900	1200	1400	1600	1800	2000
JONTRACT 550 H	3 x 380-440V	7,0	4,0	5,5	13,0	---	---	H (m)	34,0	32,5	30,0	27,0	23,0	20,0	12,5	7,5	---	---	---	---
JONTRACT 750 H	3 x 380-440V	8,5	5,5	7,5	15,0	---	---		40,0	38,5	36,0	33,0	30,0	25,0	20,0	12,0	---	---	---	---
JONTRACT 750 F	3 x 380-440V	9,0	6,5	7,5	18,5	---	---		34,0	33,5	32,5	30,0	27,5	25,0	22,5	15,0	11,5	7,0	---	---
JONTRACT 1250 H	3 x 380-440V	12,5	9,5	12,5	20,0	---	---		45,0	44,0	41,5	37,5	33,5	28,0	23,0	15,0	10,0	---	---	---
JONTRACT 1250 F	3 x 380-440V	13,0	9,5	12,5	20,5	---	---		41,0	40,0	37,5	36,0	33,5	30,0	26,0	20,0	15,0	10,0	6,0	---
JONTRACT 1500 F	3 x 380-440V	16,5	11,0	15,0	25,0	---	---		45,0	44,0	42,5	40,0	37,5	33,5	28,0	24,0	20,0	15,0	10,0	5,0

DISCARICARE TUTTALTE LE PARTI IN MOVIMENTO. ATTENZIONE: PER EVITARE DANNI ALLE PARTI IN MOVIMENTO, NON TOCCARE LE PARTI IN MOVIMENTO. LEGGERE IL MANUALE D'ISTRUZIONI. IL MANUALE D'ISTRUZIONI È IN ITALIANO E IN INGLESE. IL MAN

PRENDEZZA TOTALE IN METRI COLONNAB ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN M.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.				
	A	B	C	D	E
JONTRACT 550 H	4"	290	707	827	832
JONTRACT 750 H	4"	290	707	827	832
JONTRACT 750 F	4"	290	707	827	832
JONTRACT 1250 H	4"	290	707	827	832
JONTRACT 1250 F	4"	290	707	827	832
JONTRACT 1500 F	4"	290	707	827	832

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS			
	L mm.	M mm.	N mm.	Peso / Weight Kg.
JONTRACT 550	400	430	870	61,0
JONTRACT 750	400	430	870	65,0
JONTRACT 1250	400	430	870	70,0
JONTRACT 1500	400	430	870	70,0

JPRING



ELETTROPOMPE SOMMERGIBILI PER FONTANE E SVUOTAMENTO DI PISCINE
SUBMERSIBLE ELECTRIC PUMPS FOR FOUNTAINS AND SWIMMING POOLS EMPTYING OPERATIONS

SERVIZIO CONTINUO ALTERNATO - ALTERNATED CONTINUE SERVICE

PREVALENZA : 8,0 mt. ÷ 16,5 mt.
PORTATA : 9,0 m³/h ÷ 24,0 m³/h
POTENZA NOMINALE : 0,25 kW (0,33HP) ÷ 1,1kW (1,5HP)

PUMP HEAD : 8,0 mt ÷ 16,5 mt
DELIVERY : 9,0 m³/h ÷ 24,0 m³/h
RATED HORSEPOWER : 0,25 kW (0,33HP) ÷ 1,1 kW (1,5HP)

APPLICAZIONI

- SVUOTAMENTO DI PISCINE.
- GIOCHI D'ACQUA.

APPLICATIONS

- SWIMMING POOLS EMPTYING OPERATIONS.
- WATER-PLAY.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
 - MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
 - ANELLO DI TENUTA LATO MOTORE.
 - TENUTA MECCANICA A BAGNO D'OLIO.
 - IMMERSIONE MASSIMA: mt. 5.
 - GRADO DI PROTEZIONE IP 68.
 - CLASSE DI ISOLAMENTO: F.
 - TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
 - VERSIONI: Monofase: 220-277V/50Hz e 220-277V/60 Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
 - POTENZA MOTORE:
Da 0,25 kW (0,33 Hp) a 0,45 kW (0,6Hp) solo versioni monofase.
Da 0,6 kW (0,8 Hp) a 1,1 kW (1,5Hp) versioni monofase e trifase.
 - VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.
 - CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man).
Trifase: 10 metri H07RN-F.
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

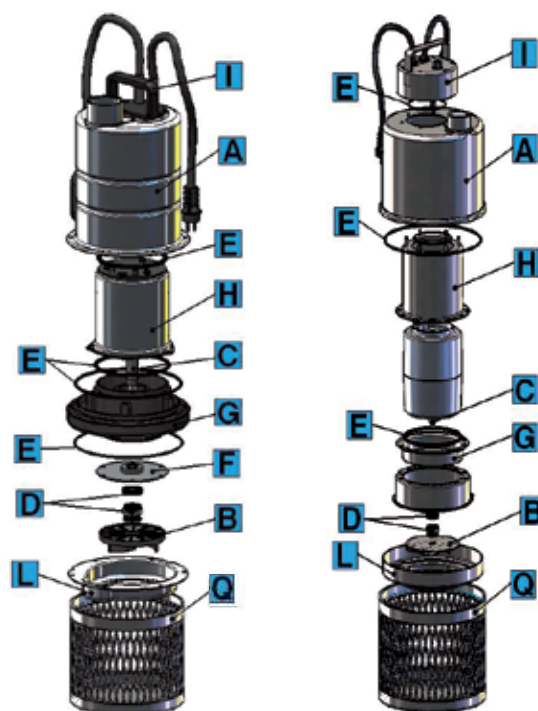
- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
 - OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
 - SEALING RING - ENGINE FACE.
 - OIL BATH MECHANICAL SEALS.
 - PERMISSIBLE DRAUGHT OF WATER: 5 m.
 - IP 68 PROTECTION CLASS.
 - CLASS "F" INSULATION.
 - MAX. PUMPED LIQUID TEMPERATURE: 35°C.
 - VERSIONS: Single Phase: 220-277V/50 Hz or 220-277V/60 Hz with built in thermal protection and permanent capacitor.
Three Phases : 220-277V/50 Hz or 380-480V/50Hz and 220-277V /60Hz or 380-480V/60Hz with overload protection care of the User
 - MOTOR POWER:
From 0,25 kW (0,33 HP) to 0,45 kW (0,6 HP) only single phase versions.
From 0,6 kW (0,8 HP) to 1,1 kW (1,5HP) single phase and three phase versions.
 - AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL SINGLE PHASE VERSIONS, WITHOUT FLOATER.
 - STANDARD CABLE FEATURES:
Single phase: 10 metres H07RN-F for the standard version (automatic-manual)
Three phases: 10 metres H07RN-F.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

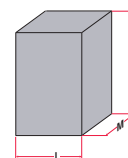
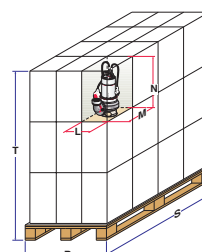
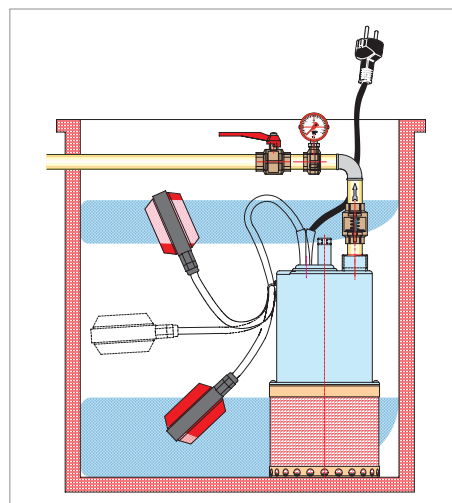
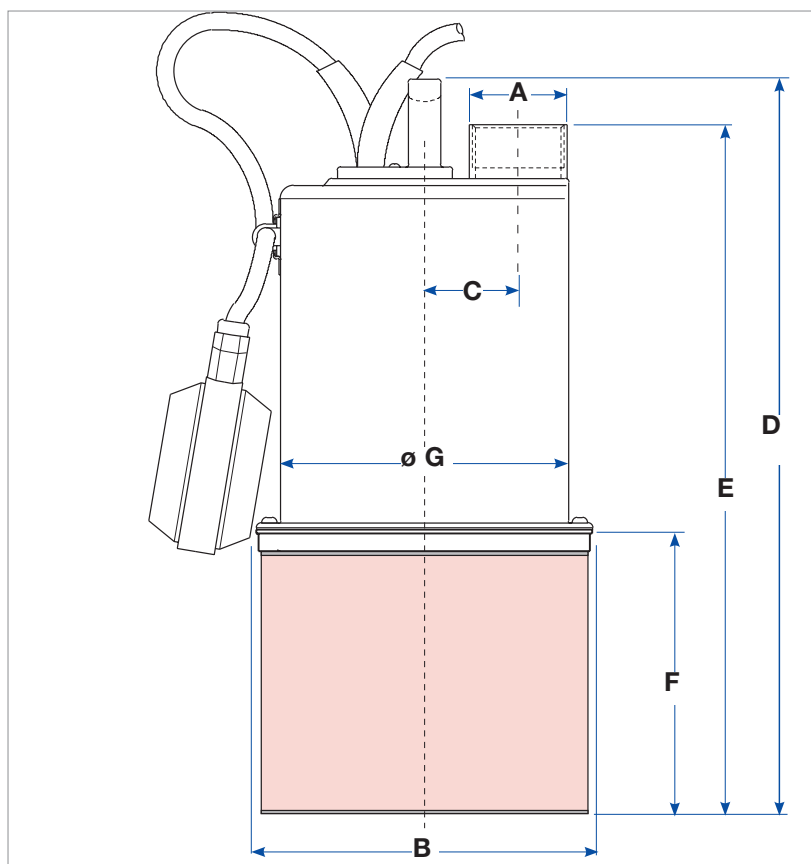
Pos.	Componente / Component		Materiale / Materials	
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL	
B	Girante / Impeller	SPRING 80-100-150	TECNOPOLIMERO / TECNOPOLYMER	
		SPRING 30-60	TECNOPOLIMERO / TECNOPOLYMER	
C	Albero (lato pompa) / Shaft (pump side)	SPRING 30-60	ACCIAIO INOX AISI 303 DIN 1.4305 STAINLESS STEEL	
		SPRING 80-100-150	ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL	
D	Tenuta meccanica / Mechanical Seal	Lato motore / Motor face	SPRING 30-60	DOPPIO ANELLO DI TENUTA NBR / DOUBLE NBR SEAL RING
		Lato motore / Motor face	SPRING 80-100-150	ANELLO DI TENUTA NBR / NBR SEAL RING
	Lato pompa / Pump face	SPRING 30-60	GRAFITE - CERAMICA / GRAPHITE - CERAMIC	
		SPRING 80-100-150	GRAFITE-CARBURIO DI SILICIO / GRAPHITE - SILICON CARBIDE	
E	Oring		NBR	
G	Portamotore / Motor holder		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL	
H	Carcassa motore / Motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL	
I	Coperchio + maniglia / Cover + handle	SPRING 30-60	TECNOPOLIMERO / TECNOPOLYMER	
		SPRING 80-100-150	TECNOPOLIMERO / TECNOPOLYMER	
L	Diffusore / Diffuser		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL	
Q	Filtro / Filter		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL	

JPRING 30 - 60

JPRING 80 - 100 - 150



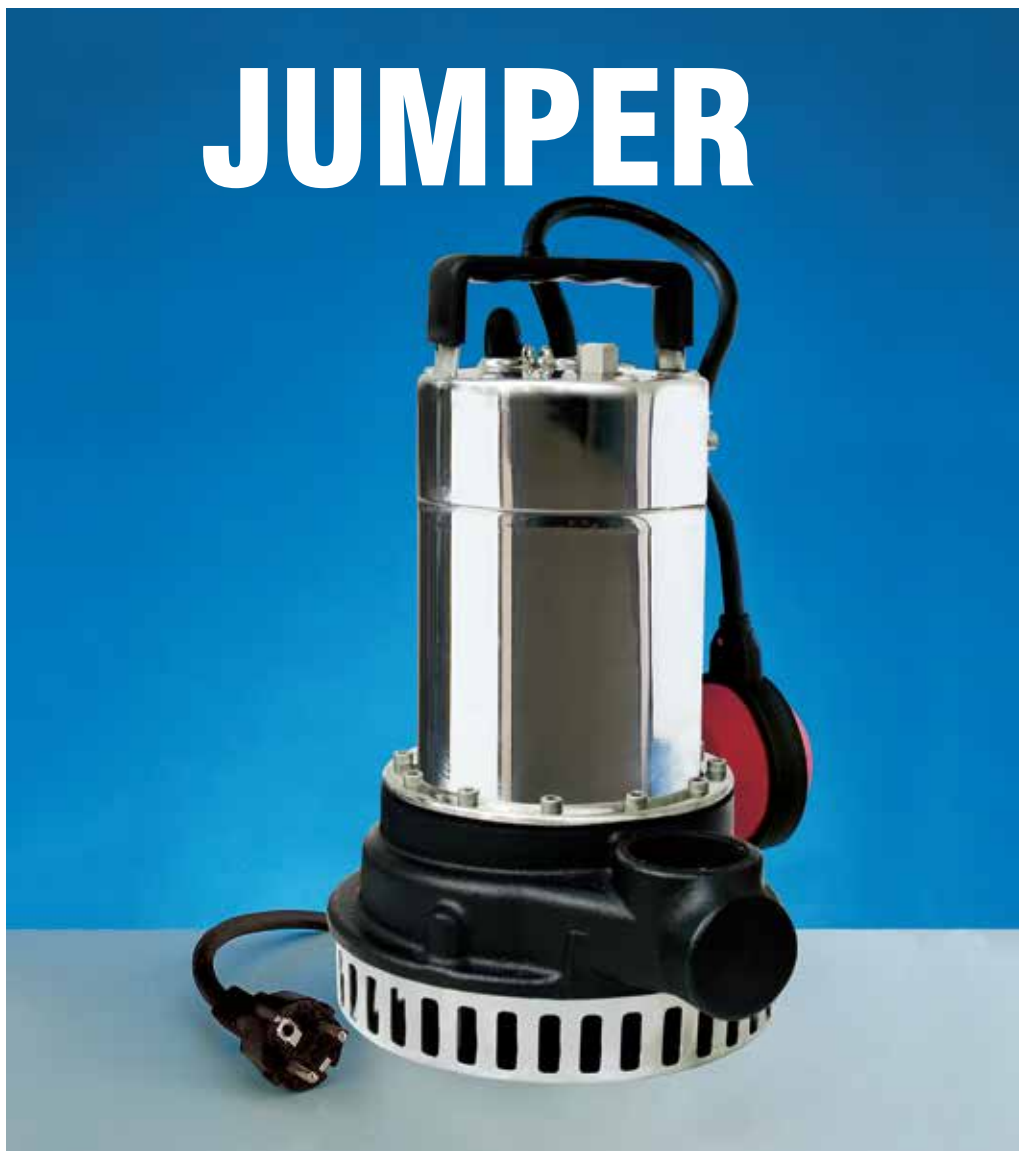
DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JPRING 30 M	1" 1/4	154	41	324	303	125	132
JPRING 60 M	1" 1/4	154	41	324	303	125	132
JPRING 60 T	1" 1/4	154	41	324	303	125	132
JPRING 80 M	1" 1/2	212,4	89,7	400	369	160	202,4
JPRING 80 T	1" 1/2	212,4	89,7	400	369	160	202,4
JPRING 100 M	1" 1/2	212,4	89,7	400	369	160	202,4
JPRING 100 T	1" 1/2	212,4	89,7	400	369	160	202,4
JPRING 150 M	2"	212,4	89,7	440,2	408,2	160	202,4
JPRING 150 T	2"	212,4	89,7	440,2	408,2	160	202,4

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JPRING 30 M	190	230	410	5,5	800	1200	1790	80	450
JPRING 60 M	190	230	410	6,2	800	1200	1790	80	506
JPRING 60 T	190	230	410	6,5	800	1200	1790	80	530
JPRING 80 M	260	300	530	9	800	1200	1220	24	241
JPRING 80 T	260	300	530	9	800	1200	1220	24	241
JPRING 100 M	260	300	530	11	800	1200	1220	24	289
JPRING 100 T	260	300	530	11	800	1200	1220	24	289
JPRING 150 M	260	300	530	18	800	1200	1220	24	457
JPRING 150 T	260	300	530	18	800	1200	1220	24	457

JUMPER



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER ACQUE SPORCHE **SUBMERSIBLE ELECTRIC PUMPS FOR FOUL WASTEWATER DRAINAGE**

PREVALENZA : 10,5 mt. ÷ 19,5 mt.
PORTATA : 12,0 m³/h ÷ 24,0 m³/h
POTENZA NOMINALE : 0,5 kW (0,7HP) ÷ 1,1 kW (1,5HP)

PUMP HEAD : 10,5 mt ÷ 19,5 mt
DELIVERY : 12,0 m³/h ÷ 24,0 m³/h
RATED HORSEPOWER : 0,5 kW (0,7HP) ÷ 1,1 kW (1,5 HP)

APPLICAZIONI

- SVUOTAMENTO DI CANTINE, AUTORIMESSE, SCANTINATI.
- SVUOTAMENTO DI PISCINE VASCHE IN GENERE E SERBATOI.
- SVUOTAMENTO DA ACQUE PIOVANE, D'INFILTRAZIONE, DI SCARICO DI POZZETTI O VASCHE DI RACCOLTA.
- IRRIGAZIONE ORTI E GIARDINI.

APPLICATIONS

- CELLAR, GARAGE AND BASEMENT PUMP OUT.
- SWIMMING POOLS, ALL SORTS OF VATS, TANKS AND RESERVOIR PUMP OUT.
- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT.
- GARDEN AND VEGETABLE-GARDEN IRRIGATION.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 8 mm.
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50 Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
da 0,7 a 1,5 Hp versioni monofase e trifase.
- VERSIONI MONOFASI AUTOMATICHE SOLO FINO A 1,5HP
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (AUT.MAN.).
5 metri H07RN-F (solo DUMPER 70).
Trifase: 10 metri H07RN-F.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

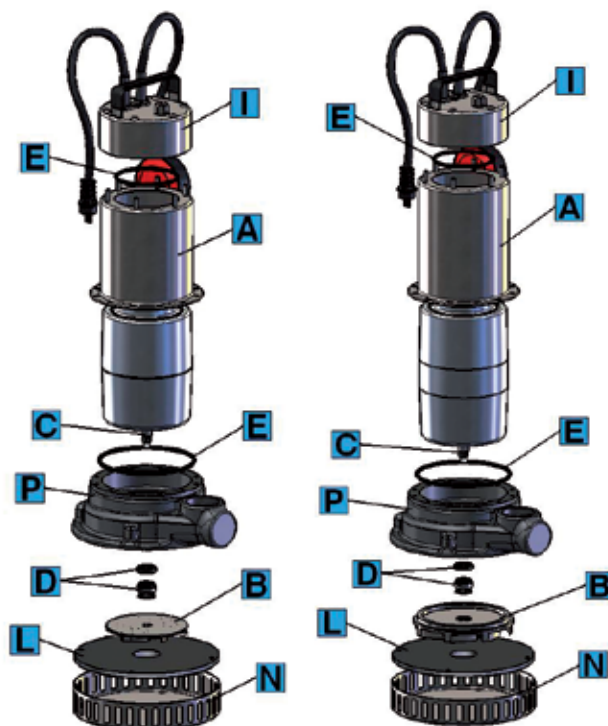
DESIGN ENGINEERING:

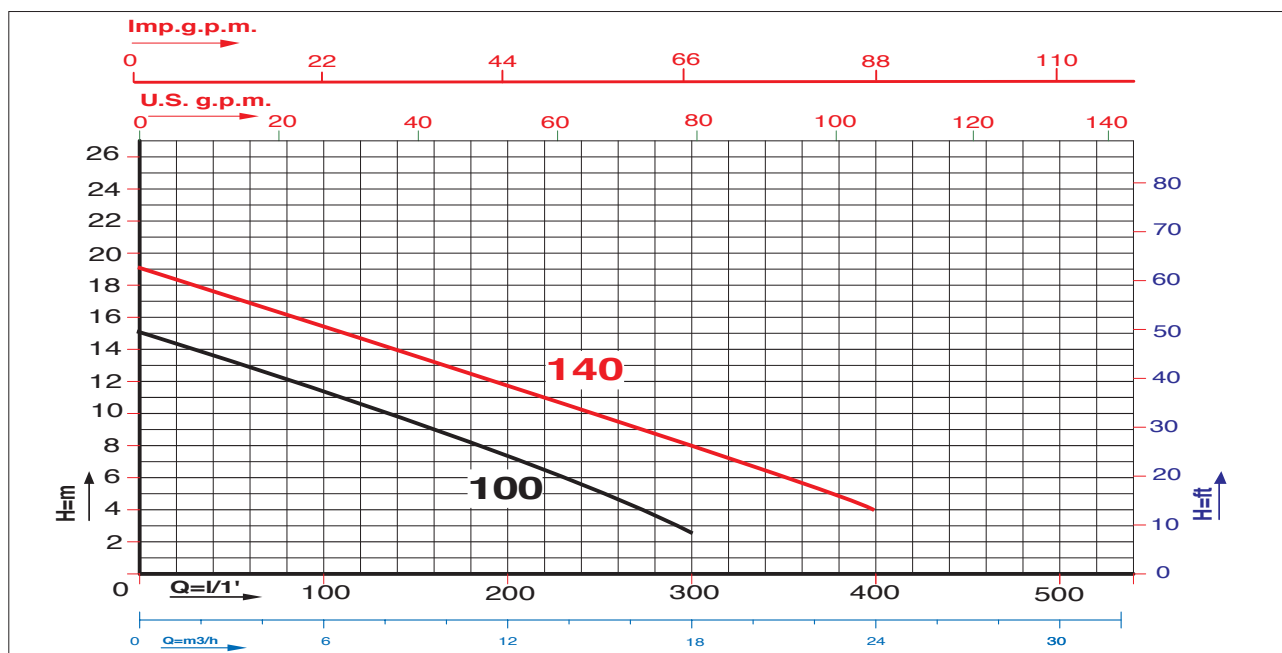
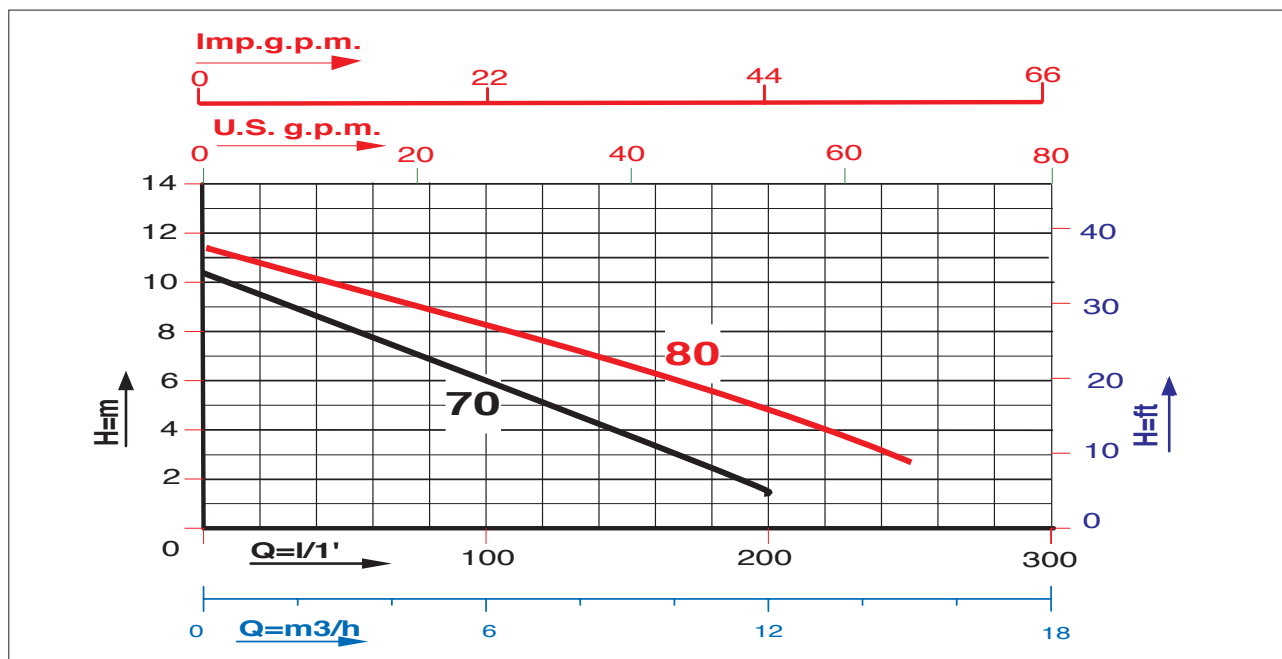
- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- Oil bath MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 8 mm.
- VERSIONS: Single Phase: 220-277V/50 Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
Three Phases: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60 Hz with overload protection care of the User.
- MOTOR POWER:
From 0,7 to 1,5HP single phase and three phase versions.
- AUTOMATIC SINGLE PHASE VERSIONS up to only 1,5HP.
- STANDARD CABLE FEATURES:
Single phase: 10 metres H07RN-F for the standard version (automatic-manual).
5 metres H07RN-F (only DUMPER 70).
Three phases: 10 metres H07RN-F.

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller	JUMPER 70-80-100	
		JUMPER 140	GHISA (G20)/ CAST IRON
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical Seal	Lato motore / Motor face	ANELLO DI TENUTA NBR / NBR SEAL RING
		Lato pompa / Pump face	CARBURIO DI SILICIO - CERAMICA SILICON CARBIDE- CERAMIC
E	Oring		NBR
I	Coperchio / Cover		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
N	Base d'aspirazione / Suction base		
L	Diffusore / Diffuser		GHISA (G.20) CAST IRON
P	Corpo pompa / Pump body		

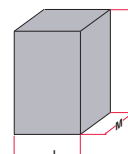
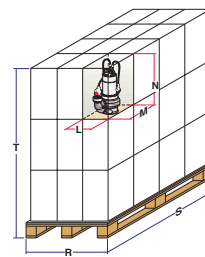
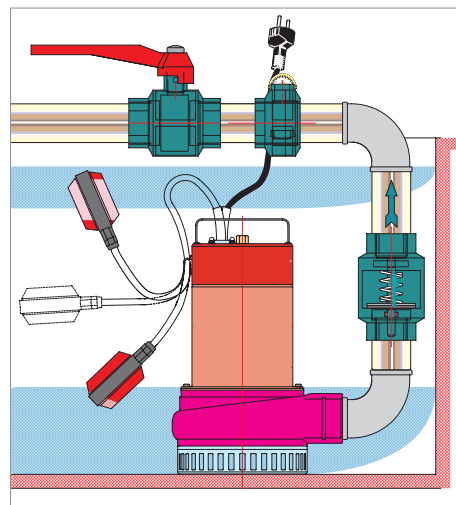
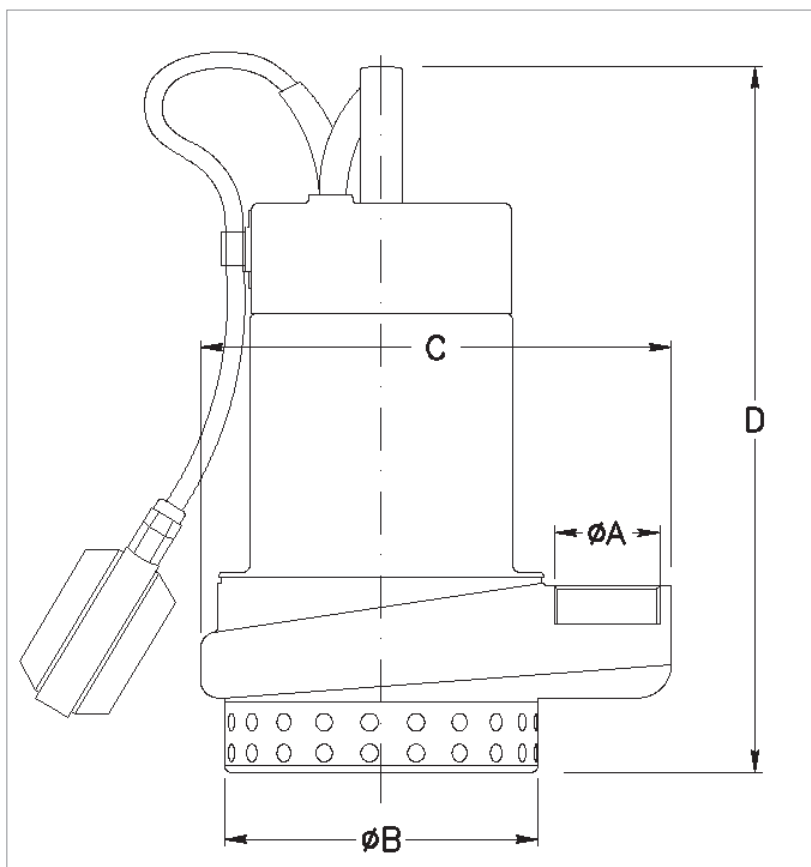
JUMPER 70 - 80 - 100
JUMPER 140




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
 Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA											
		P1 max	P2 nom.	I max	Condensatore Capacitor		m³/h l/min.	0	1,5	3	6	9	12	15	18	24	H (m)	0	25
		kW	kW	HP	Ampere	µF		VC	0	25	50	100	150	200	250	300			
JUMPER 70 M	1 x 220-230V	0,9	0,5	0,7	4,5	14,5	450												
JUMPER 80 M	1 x 220-230V	1,1	0,6	0,8	4,5	16,0	450												
JUMPER 80 T	3 x 380-400V	1,0	0,6	0,8	2,1	---	---												
JUMPER 100 M	1 x 220-230V	1,3	0,75	1,0	6,5	20,0	450												
JUMPER 100 T	3 x 380-400V	1,1	0,75	1,0	2,6	---	---												
JUMPER 140 M	1 x 220-230V	2,0	1,1	1,5	9,0	30,0	450												
JUMPER 140 T	3 x 380-400V	1,7	1,1	1,5	3,0	---	---												

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:

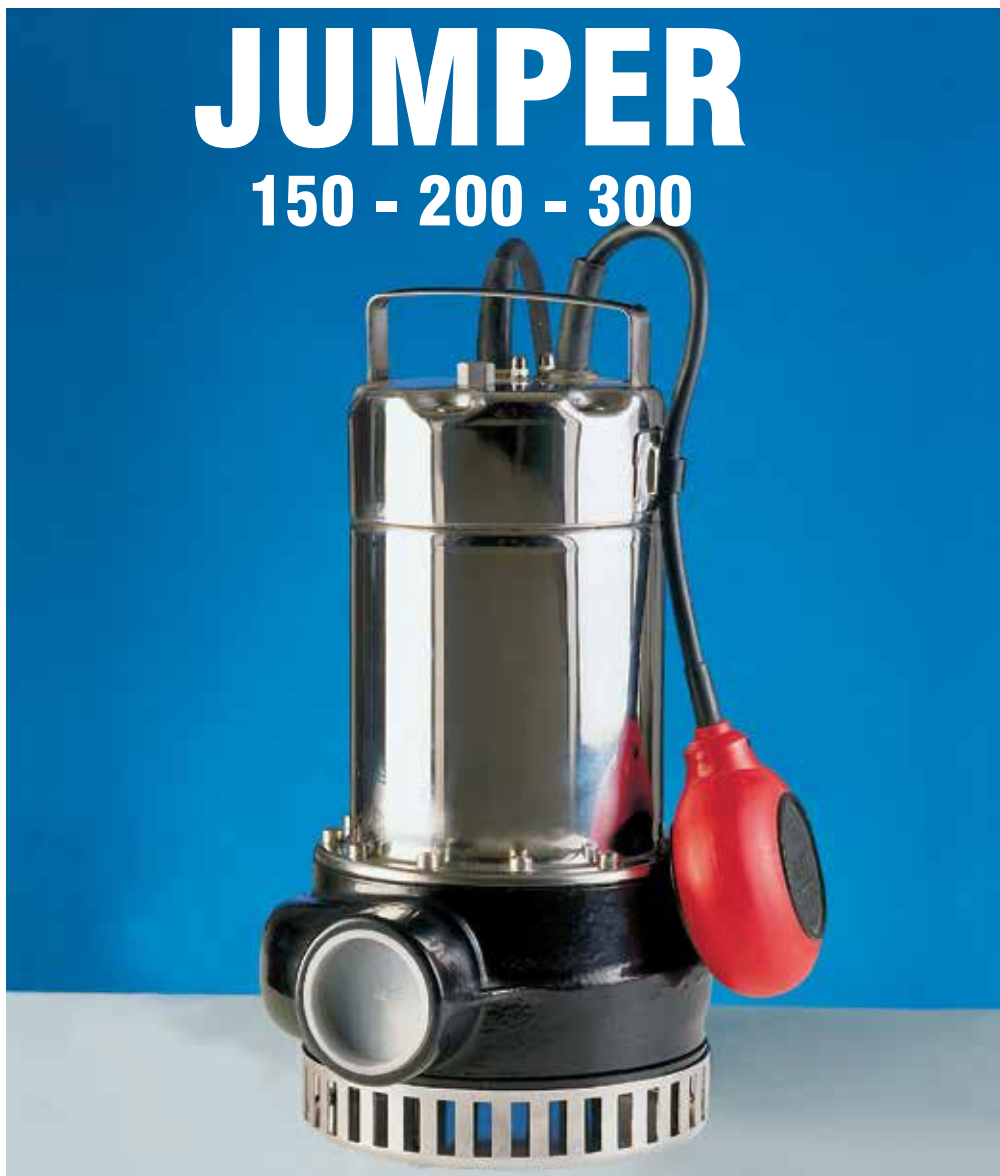


MODELLO / MODEL	DIMENSIONI POMPA in mm / PUMP DIMENSIONS in mm.			
	A	B	C	D
JUMPER 70 M	1" 1/2	190	213,5	300
JUMPER 80 M	1" 1/2	190	213,5	300
JUMPER 80 T	1" 1/2	190	213,5	300
JUMPER 100 M	1" 1/2	190	213,5	300
JUMPER 100 T	1" 1/2	190	213,5	300
JUMPER 140 M	1" 1/2	190	213,5	344
JUMPER 140 T	1" 1/2	190	213,5	344

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JUMPER 70 M	190	220	320	13,0	800	1200	1130	60	745
JUMPER 80 M	190	220	320	13,0	800	1200	1130	60	805
JUMPER 80 T	190	220	320	13,0	800	1200	1130	60	805
JUMPER 100 M	190	220	320	13,5	800	1200	1130	60	835
JUMPER 100 T	190	220	320	13,5	800	1200	1130	60	835
JUMPER 140 M	260	320	340	18,2	800	1200	1400	36	670
JUMPER 140 T	260	320	340	18,2	800	1200	1400	36	670

JUMPER

150 - 200 - 300



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER ACQUE SPORCHE SUBMERSIBLE ELECTRIC PUMPS FOR FOUL WASTEWATER DRAINAGE

PREVALENZA : 21,0 mt. ÷ 26,5 mt.
PORTATA : 21,0 m³/h ÷ 30,0 m³/h
POTENZA NOMINALE : 1,5 kW (2HP) ÷ 2,25 kW (3HP)

PUMP HEAD : 21,0 mt. ÷ 26,5 mt.
DELIVERY : 21,0 m³/h ÷ 30,0 m³/h
RATED HORSEPOWER : 1,5 kW (2,0HP) ÷ 2,25 kW (3,0HP)

APPLICAZIONI

- SVUOTAMENTO DI CANTINE, AUTORIMESSE, SCANTINATI.
- SVUOTAMENTO DI PISCINE VASCHE IN GENERE E SERBATOI.
- SVUOTAMENTO DA ACQUE PIOVANE, D'INFILTRAZIONE, DI SCARICO DI POZZETTI O VASCHE DI RACCOLTA.
- IRRIGAZIONE ORTI E GIARDINI.

APPLICATIONS

- CELLAR, GARAGE AND BASEMENT PUMP OUT.
- SWIMMING POOLS, ALL SORTS OF VATS, TANKS AND RESERVOIR PUMP OUT.
- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT.
- GARDEN AND VEGETABLE-GARDEN IRRIGATION.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO LATO POMPA BAGNO D'ACQUA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 8 mm.
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60 Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50 Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
DA 2 a 2,5 Hp versioni monofase e trifase.
DA 3 Hp SOLO VERSIONE TRIFASE.
- VERSIONI MONOFASI AUTOMATICHE SOLO FINO A 2,5HP.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (AUT.MAN.).
Trifase: 10 metri H07RN-F.
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN50 PER IMPIANTI FISSI (VEDERE PAGINA 108).

DESIGN ENGINEERING:

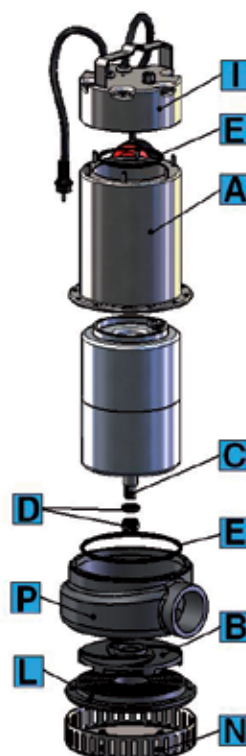
- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with tTOTALLYsubmerged pump.
- BY PASS SECTION: 8 mm
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
Three Phases : 220- 277V/50 Hz or 380-480 V/50Hz and 220 -277V/60Hz or 380-480V/60 Hz with overload protection care of the User.
- MOTOR POWER:
From 2,0 to 2,5 HP single phase and three phases versions.
From 3,0 HP ONLY THREE PHASES VERSIONS.
- AUTOMATIC SINGLE PHASE VERSIONS up to only 2,5HP
- STANDARD CABLE FEATURES:
Single phase: 10 metres H07RN-F for the standard version (automatic-manual)
Three phases: 10 metres H07RN-F.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

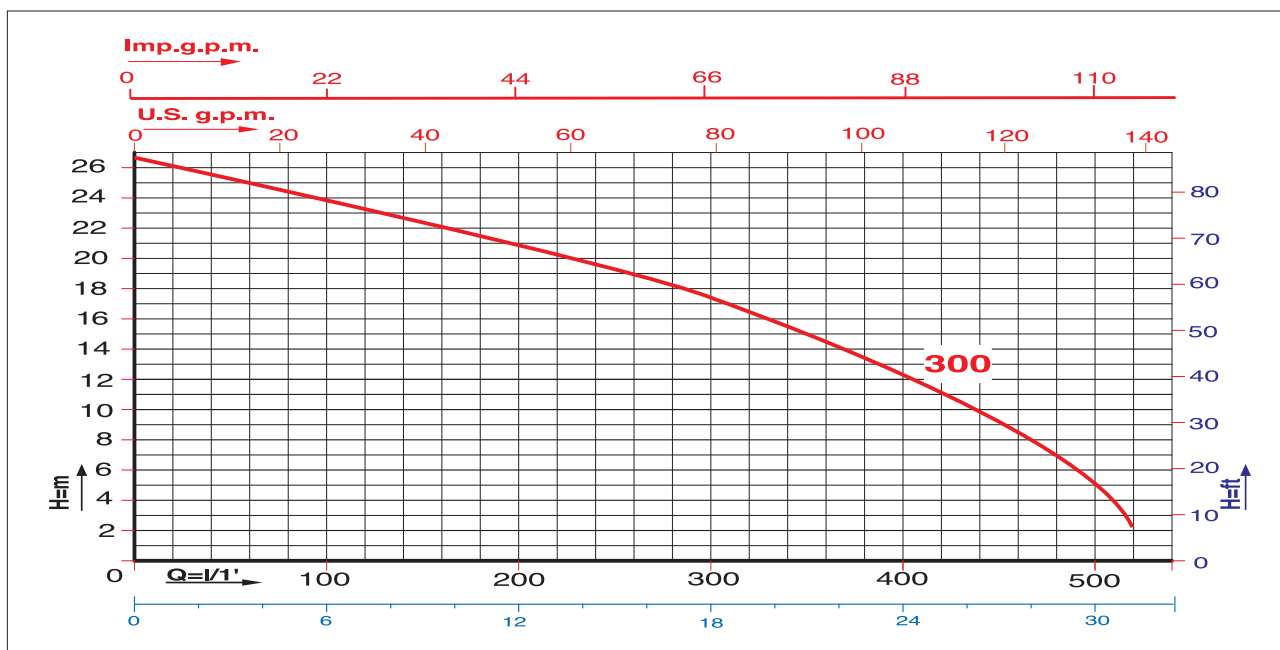
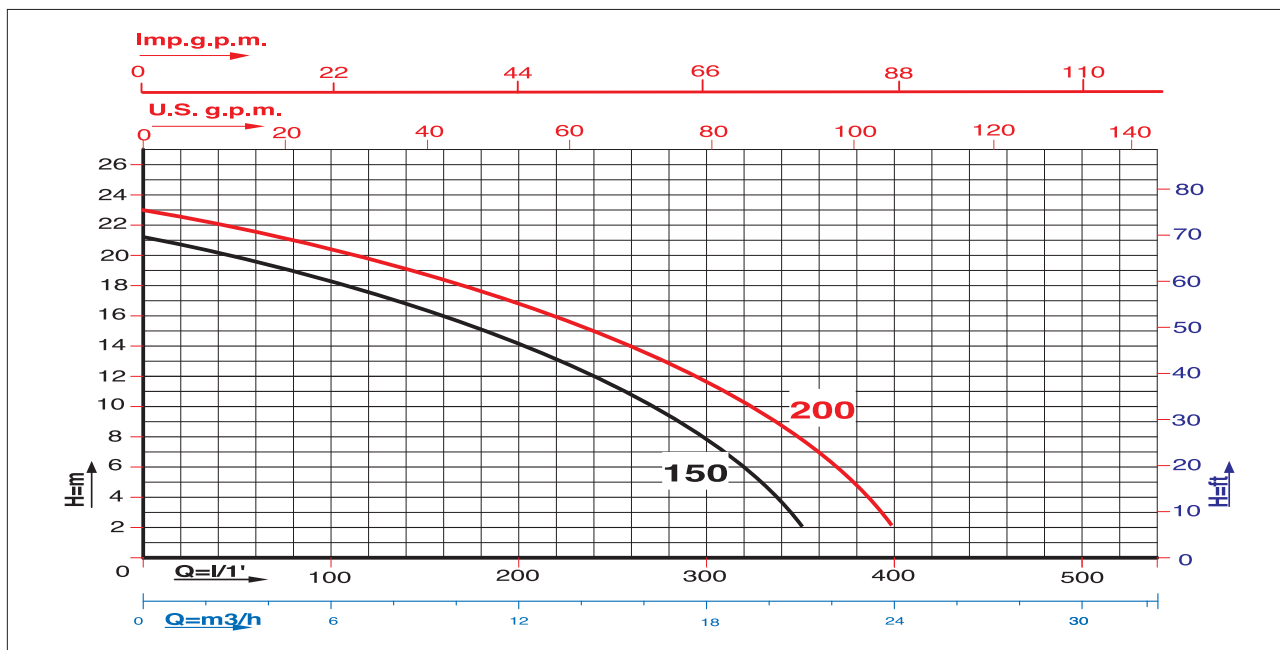
OPTIONAL:

- DOWN STROKE GUIDE RAIL SYSTEMS DN50 (SEE PAGE 108).

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		GHISA G20 / CAST IRON
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face	CARBURO DI SILICIO-CERAMICA SILICON CARBIDE-CERAMIC
		Lato motore / Engine face	GRAFITE-CERAMICA GRAPHITE-CERAMIC
E	O-ring		NBR
I	Coperchio / Cover		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
L	Diffusore / Diffuser		
N	Base d'aspirazione / Suction base		
P	Corpo pompa / Pump body		GHISA G20 / CAST IRON

JUMPER 150 - 200 - 300


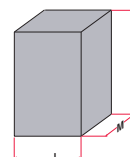
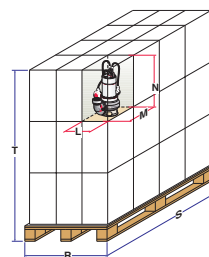
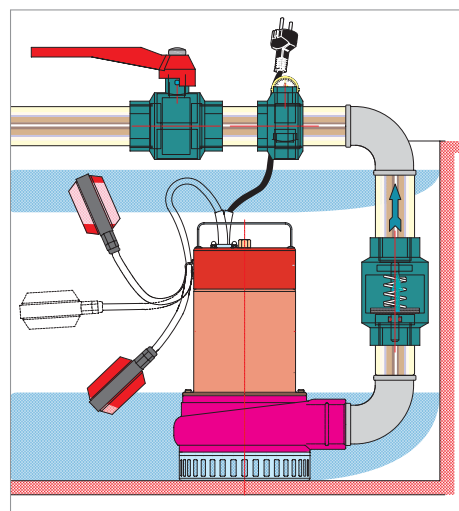
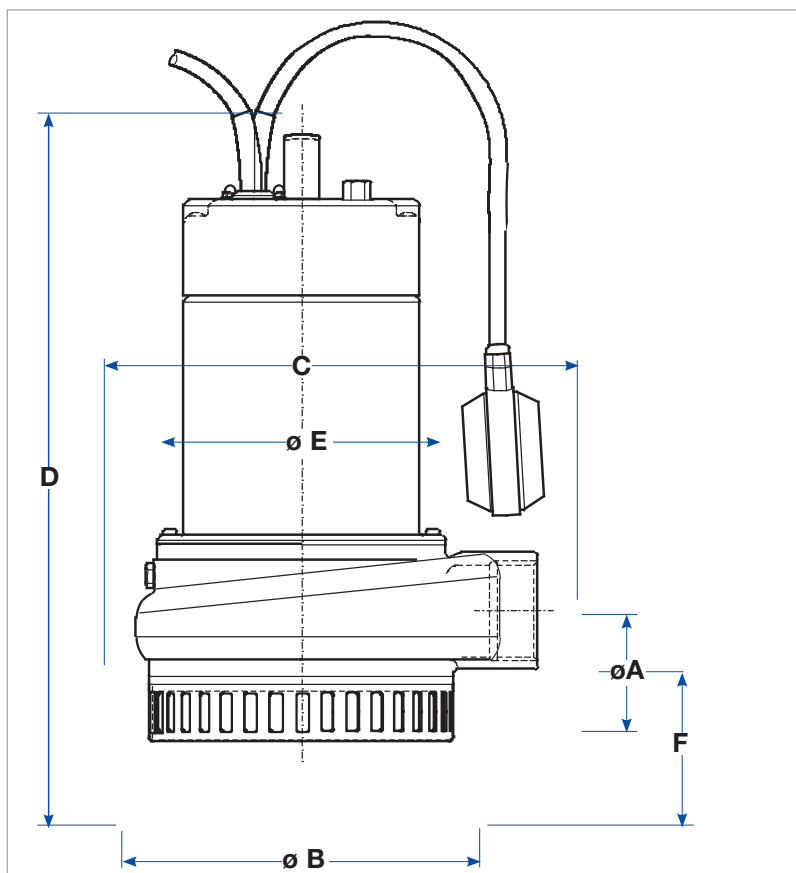


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	4,5	9	12	15	18	21	24	30
		kW	kW	HP	Ampere	µF	VC	l/min.	0	75	150	200	250	300	350	400	500
JUMPER 150 M	1 x 220-230V	2,7	1,5	2	11,0	40,0	450	H (m)	21,0	19,5	16,5	14,0	11,0	7,5	2,0		
JUMPER 150 T	3 x 380-400V	2,5	1,5	2	4,5	---	---		21,0	19,5	16,5	14,0	11,0	7,5	2,0		
JUMPER 200 M	1 x 220-230V	2,9	1,9	2,5	12,5	50,0	450		23,0	21,0	18,5	17,0	15,0	11,5	9,0	2,0	
JUMPER 200 T	3 x 380-400V	2,7	1,9	2,5	5,0	---	---		23,0	21,0	18,5	17,0	15,0	11,5	9,0	2,0	
JUMPER 300 T	3 x 380-400V	3,4	2,25	3	6	---	---		26,5	24,5	22,5	20,5	19,0	17,5	15,0	11,0	2,0

PREVALENZA TOTALE IN METRI COLONNA ACQUA /
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT
IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.					
	A	B	C	D	E	F
JUMPER 150 M	2"	190	250	378	148	81,5
JUMPER 150 T	2"	190	250	378	148	81,5
JUMPER 200 M	2"	190	250	378	148	81,5
JUMPER 200 T	2"	190	250	378	148	81,5
JUMPER 300 T	2"	190	250	378	148	81,5

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JUMPER 150 M	260	300	530	25,5	800	1200	1750	36	938
JUMPER 150 T	260	300	530	25,5	800	1200	1750	36	938
JUMPER 200 M	260	300	530	28,5	800	1200	1750	36	1046
JUMPER 200 T	260	300	530	28,5	800	1200	1750	36	1046
JUMPER 300 T	260	300	530	29,5	800	1200	1750	36	938

JIGER



ELETTROPOMPE SOMMERGIBILI VORTEX E BICANALI PER ACQUE CARICHE SUBMERSIBLE VORTEX AND BICANAL ELECTRIC PUMPS FOR WASTEWATER

PREVALENZA : 6,5 mt. ÷ 16,0 mt.
PORTATA : 12,0 m³/h ÷ 42,0 m³/h
POTENZA NOMINALE : 0,5 kW (0,7HP) ÷ 1,5 kW (2,0HP)
PASSAGGIO SOLIDI FINO A 50 mm.

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI NERI, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

PUMP HEAD : 6,5 mt ÷ 16,0 mt
DELIVERY : 12,0 m³/h ÷ 42,0 m³/h
RATED HORSEPOWER : 0,5 kW (0,7HP) ÷ 1,5 kW (2,0HP)
SOLID MATTER BYPASS up to 50 mm.

APPLICATIONS

- DECANTATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

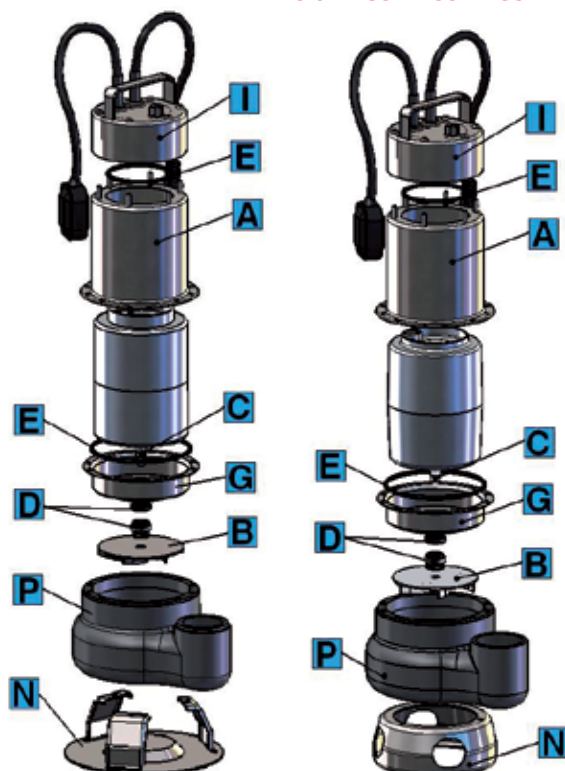
- ELETTRROPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
 - MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
 - ANELLO DI TENUTA LATO MOTORE.
 - TENUTA MECCANICA A BAGNO D'OLIO.
 - IMMERSIONE MASSIMA: mt. 5 .
 - GRADO DI PROTEZIONE IP 68 .
 - CLASSE DI ISOLAMENTO: F
 - TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa
 - PASSAGGIO LIBERO: 30 mm - JIGER 70.
35 mm - JIGER 80.
50 mm - JIGER 100 - 150 - 200.
 - VERSIONI: Monofase: 220-277V/50Hz e 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
 - VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.
 - CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man.)
5 metri H07RN-F solo per versione automatica. (esclusa TIGER 150)
5 metri H05VV-F solo per TIGER 70.
Trifase: 10 metri H07RN-F
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

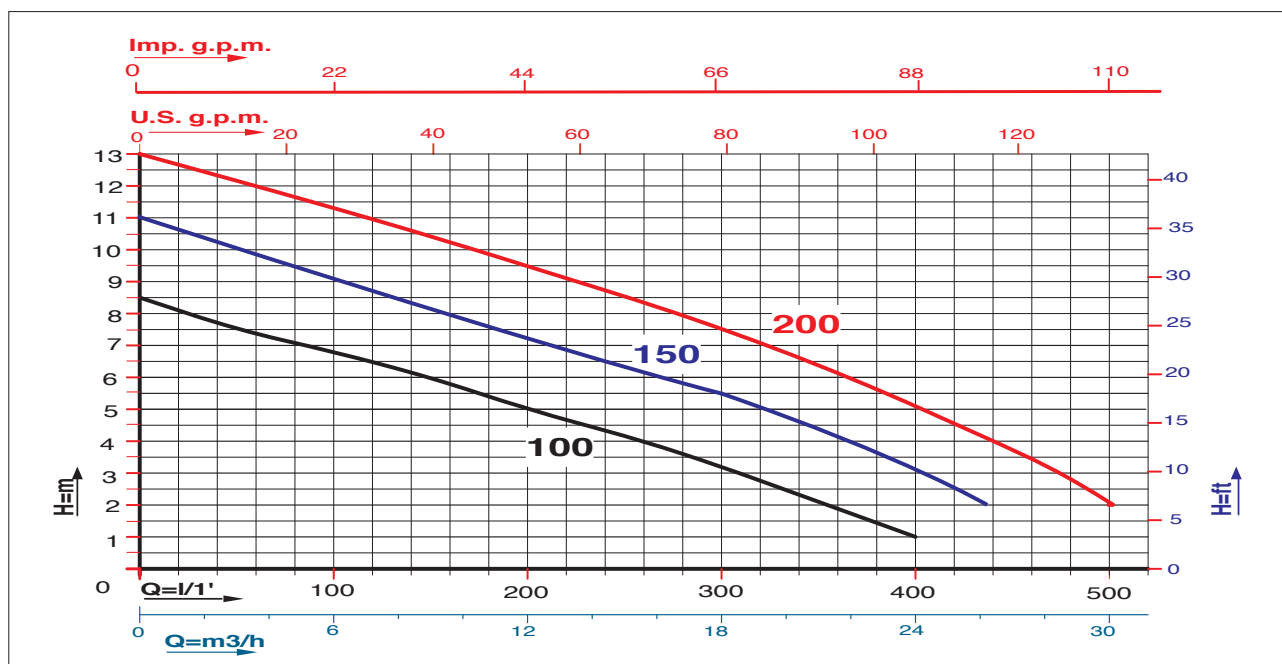
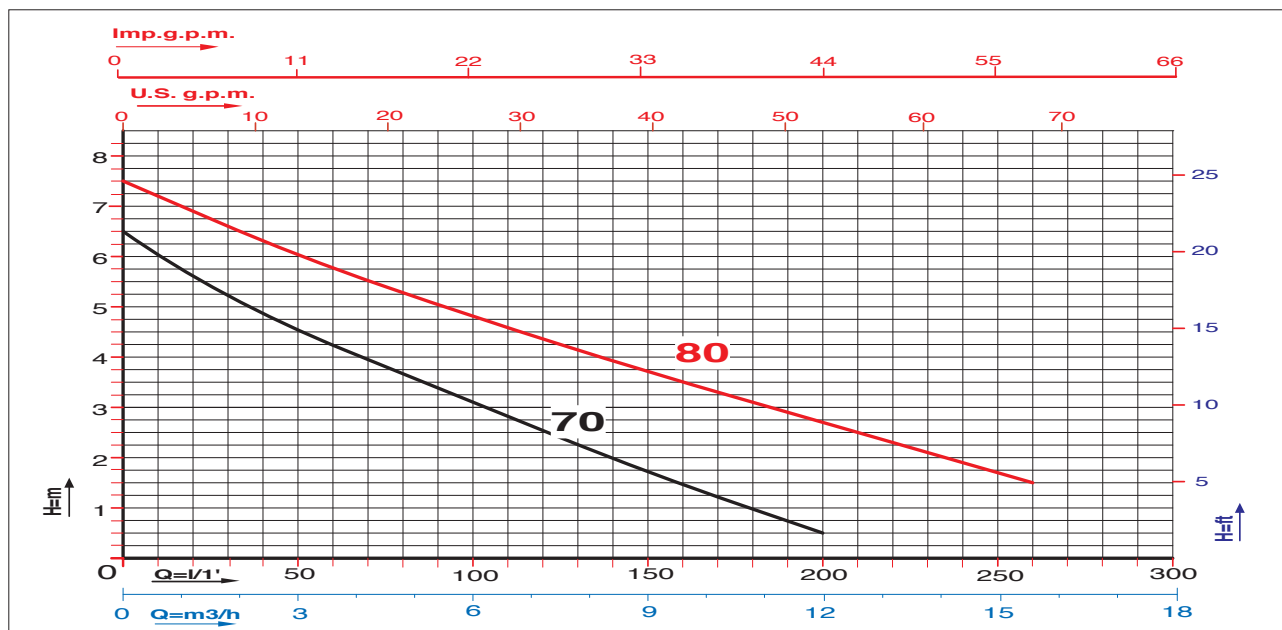
DESIGN ENGINEERING:

- DUAL CHAMBER ELECTRIC PUMP (MECHANICAL SEAL, MOTOR).
 - OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
 - SEALING RING - ENGINE FACE.
 - OIL BATH MECHANICAL SEALS.
 - PERMISSIBLE DRAUGHT OF WATER: 5 m.
 - IP 68 PROTECTION CLASS.
 - CLASS "F" INSULATION.
 - MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
 - BY PASS SECTION: 30 mm - JIGER 70.
35 mm - JIGER 80.
50 mm - JIGER 100 - 150 - 200.
 - VERSIONS: Single Phase: 220-230V/50Hz or 220-230V/60 Hz with built in thermal protection and permanent capacitor.
Three Phases : 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
 - AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL SINGLE PHASE VERSION WITHOUT FLOATER.
 - STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual).
5 metres H07RN-F only for the automatic version. (excluded TIGER 150).
5 metres H05VV-F only for TIGER 70.
Three Phases: 10 metres H07RN-F.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304-DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		
C	Albero (lato pompa) Shaft (pump side)	JIGER 70	ACCIAIO INOX AISI 416-DIN 1.4005 / STAINLESS STEEL
		JIGER 80-100-150	ACCIAIO INOX AISI 316-DIN 1.4401 / STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face	GRAFITE-CERAMICA GRAPHITE-CERAMIC
		Lato motore / Motor face	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		NBR
G	Porta motore / Motor holder		ACCIAIO INOX AISI 304-DIN 1.4301 STAINLESS STEEL
I	Coperchio / Cover		
N	Base d'appoggio / Base holder		
P	Corpo pompa / Pump body		GHISA (G20) / CAST IRON

JIGER 70
JIGER 80 - 100 - 150 - 200




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	3	6	9	12	15,6	18	24	27	30
			kW	HP		µF	VC											
	50 Hz																	
JIGER 70 M	1 x 220-230V	0,9	0,5	0,7	4,0	14,5	450	H (m)	6,5	4,5	3,1	1,7	0,5	---	---	---	---	---
JIGER 80 M	1 x 220-230V	1,1	0,6	0,8	5,0	16,0	450		7,5	6,0	4,8	3,7	2,7	1,5	---	---	---	---
JIGER 80 T	3 x 380-440V	0,9	0,6	0,8	2,0	---	---		7,5	6,0	4,8	3,7	2,7	1,5	---	---	---	---
JIGER 100 M	1 x 220-230V	1,5	0,75	1,0	6,5	20,0	450		8,5	7,5	6,8	6,0	5,0	4,0	3,2	1,0	---	---
JIGER 100 T	3 x 380-440V	1,3	0,75	1,0	2,4	---	---		8,5	7,5	6,8	6,0	5,0	4,0	3,2	1,0	---	---
JIGER 150 M	1 x 220-230V	2,2	1,1	1,5	10,4	30,0	450		11,0	9,8	9,0	8,0	7,3	6,2	5,6	3,2	1,8	---
JIGER 150 T	3 x 380-440V	1,7	1,1	1,5	3,0	---	---		11,0	9,8	9,0	8,0	7,3	6,2	5,6	3,2	1,8	---
JIGER 200 M	1 x 220-230V	2,4	1,5	2,0	11,5	30,0	450		13,0	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3,0	2,0
JIGER 200 T	3 x 380-440V	2,2	1,5	2,0	3,6	---	---		13,0	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3,0	2,0
PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.																		

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

CARATTERISTICHE DI COSTRUZIONE:

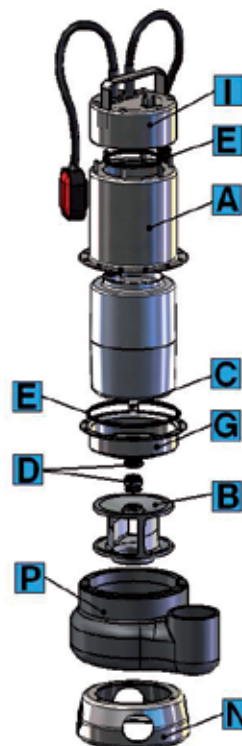
- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 50 mm - TIGER BC 100 - 150 - 200.
- VERSIONI: Monofase: 220-277V/50Hz e 220-277V/60 Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man.).
Trifase: 10 metri H07RN-F.
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

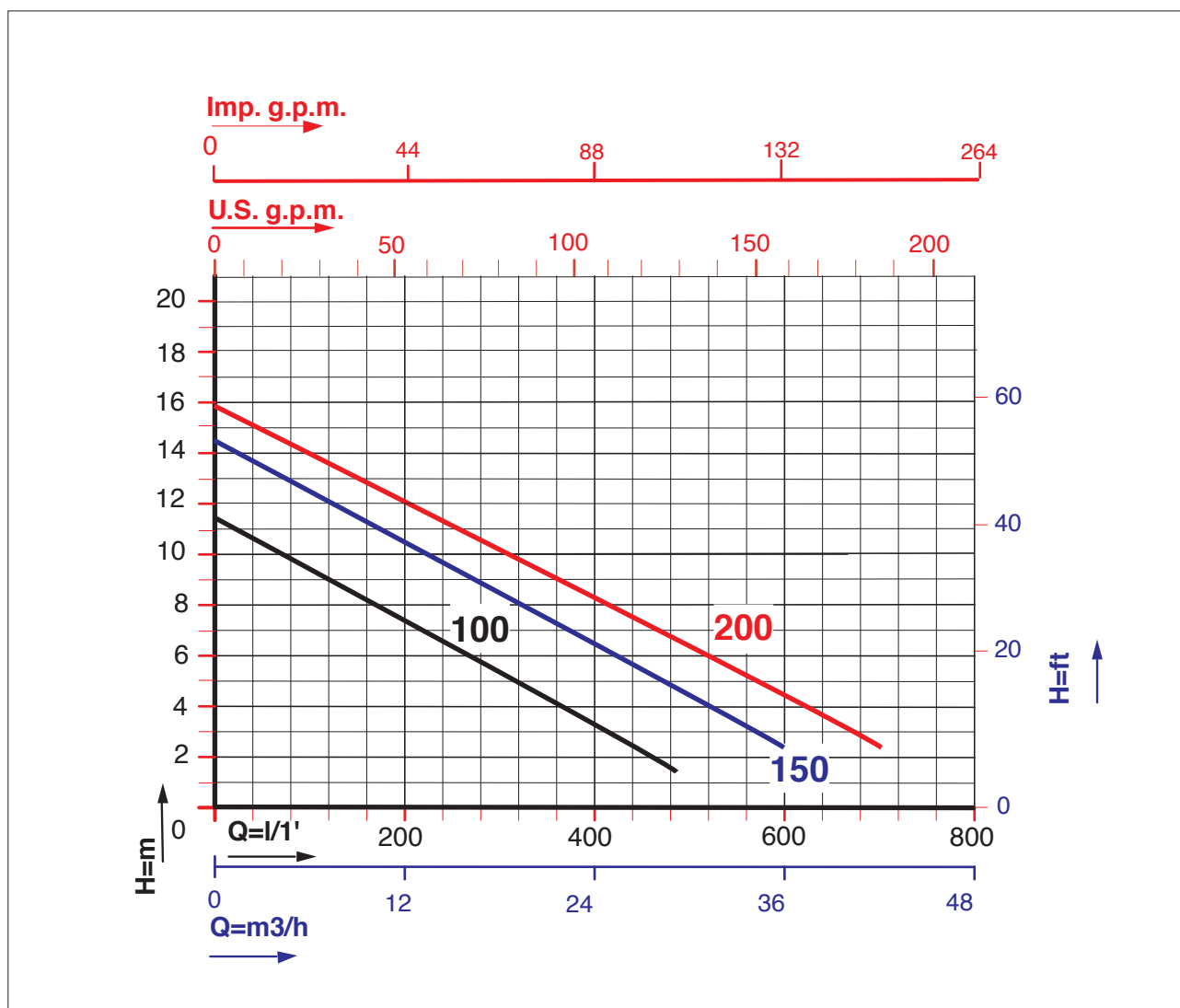
DESIGN ENGINEERING:

- DUAL CHAMBER ELECTRIC PUMP (mechanical seal, motor).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 50 mm - TIGER BC 100 - 150 - 200.
- VERSIONS: Single Phase: 220-277V/50 Hz or 220-277V/60 Hz with built in thermal protection and permanent capacitor.
Three Phases : 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL SINGLE PHASE VERSION WITHOUT FLOATER.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual).
Three Phase: 10 metres H07RN-F.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		GHISA (G20) CAST IRON
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face	GRAFITE-CERAMICA GRAPHITE-CERAMIC
		Lato motore / Motor face	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		NBR
G	Porta motore / Motor holder		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
I	Coperchio / Cover		
N	Base d'appoggio / Base holder		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
P	Corpo pompa / Pump body		GHISA (G20) CAST IRON

JIGER - BC 100 - 150 - 200


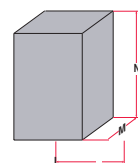
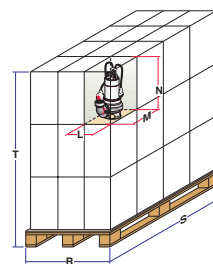
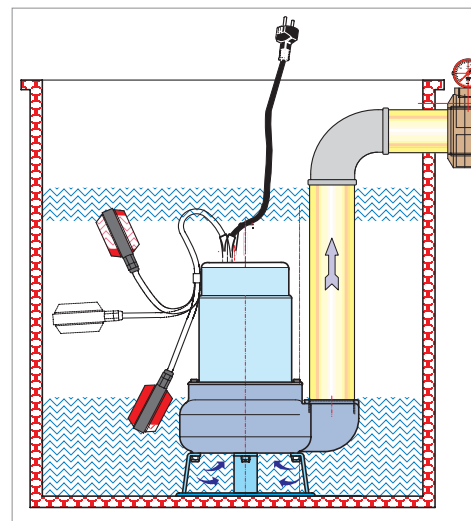
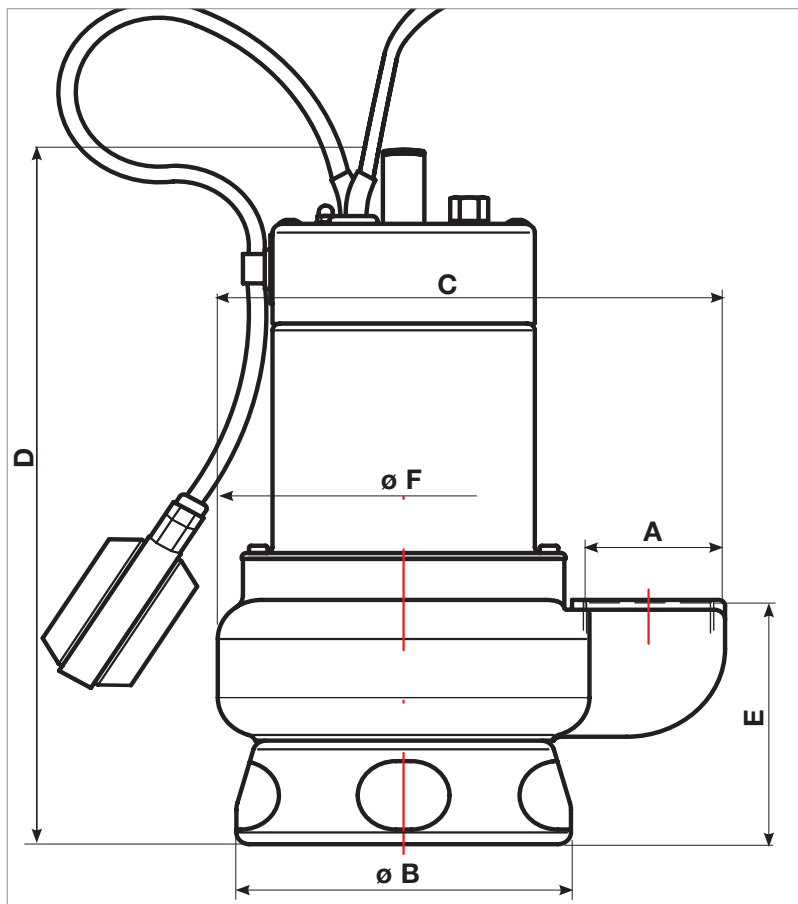


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
 Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1max		P2 nom.		I max	Condensatore Capacitor		m³/h	0	3	6	12	18	24	30	36	42
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	200	300	400	500	600	700	
JIGER - BC 100 M	1 x 220-230V	1,5	0,75	1,0	7,0	20,0	450	H (m)	11,5	10,5	9,5	7,5	5,5	3,3	1,5	---	---	
JIGER - BC 100 T	3 x 380-440V	1,3	0,75	1,0	3,2	---	---		11,5	10,5	9,5	7,5	5,5	3,3	1,5	---	---	
JIGER - BC 150 M	1 x 220-230V	2,2	1,1	1,5	11,5	30,0	450		14,5	13,5	12,5	10,5	8,5	6,5	4,5	2,5	---	
JIGER - BC 150 T	3 x 380-440V	1,7	1,1	1,5	4,5	---	---		14,5	13,5	12,5	10,5	8,5	6,5	4,5	2,5	---	
JIGER - BC 200 T	3 x 380-440V	2,2	1,5	2,0	4,8	---	---		16,0	14,8	14,0	12,0	10,5	8,2	6,5	4,3	2,5	
PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.																		

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.					
	A	B	C	D	E	F
JIGER 70	1" 1/2	150	232	360,5	125	170
JIGER 80	1" 1/2	150	232	372,5	125	170
JIGER 100	2"	150	232	385,5	125	170
JIGER 150	2"	150	232	395,5	125	170
JIGER 200	2"	150	232	395,5	125	170
JIGER - BC 100	2"	150	232	367	125	170
JIGER - BC 150	2"	150	232	407	125	170
JIGER - BC 200	2"	150	232	407	125	170

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JIGER 70	190	230	410	11,0	800	1200	1360	60	685
JIGER 80	190	230	410	12,0	800	1200	1360	60	745
JIGER 100	190	230	410	13,0	800	1200	1360	60	805
JIGER 150	190	230	480	15,0	800	1200	1570	60	925
JIGER 200	190	230	480	15,0	800	1200	1570	60	925
JIGER BC 100	190	230	480	14,0	800	1200	1570	60	865
JIGER BC 150	190	230	480	16,0	800	1200	1570	60	985
JIGER BC 200	190	230	480	16,0	800	1200	1570	60	985

JIGER F



ELETTROPOMPE SOMMERGIBILI VORTEX PER ACQUE CARICHE, DOTATE DI CONTROFLANGIA
SUBMERSIBLE VORTEX ELECTRIC PUMPS FOR WASTE WATER, FEATURING A COUNTER FLANGE

PREVALENZA : 7,0 mt. ÷ 15,5 mt.
PORTATA : 15,6 m³/h ÷ 75,0 m³/h
POTENZA NOMINALE : 0,6 kW (0,8HP) ÷ 3,0 kW (4,0HP)
PASSAGGIO SOLIDI FINO A 80 mm.

PUMP HEAD : 7,0 mt ÷ 15,5 mt
DELIVERY : 15,6 m³/h ÷ 75,0 m³/h
RATED HORSEPOWER : 0,6 kW (0,8HP) ÷ 3,0 kW (4,0HP)
SOLID MATTER BYPASS up to 80 mm

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

APPLICATIONS

- DECANATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- ELETTOPOMPA A UNICA CAMERA (SOLO PER TIGER 400F).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO (SOLO PER TIGER 400F) LATO POMPA A BAGNO D'ACQUA
- IMMERSIONE MASSIMA: mt. 5 .
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa
- PASSAGGIO LIBERO: 35 mm - JIGER 80F
50 mm - JIGER 100F - 140F - 190F
60 mm - JIGER 150F - 200F
80 mm - JIGER 300F - 400F
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE: da 0,6 kW (0,8 HP) a 1,5 kW (2 HP) versione mono fase e trifase.
da 2,2 kW (3 HP) a 3 kW (4 HP) solo versione trifase
- VERSIONI MONOFASI AUTOMATICHE fino a 1,1 kW (1,5 HP).
- VERSIONI MONOFASI da 1,5 kW (2 HP) solo manuali senza galleggiante.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man.)
5 metri H07RN-F solo per versione automatica
Trifase: 10 metri H07RN-F
SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN50-DN80 PER IMPIANTI FISSI (VEDERE PAGINA 108-109)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- SINGLE CHAMBER ELECTRIC PUMP (ONLY FOR TIGER 400F).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE
- OIL BATH MECHANICAL SEALS.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH (ONLY TIGER 400F) PUMP FACE: WATER BATH
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED ALIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 35 mm. - JIGER 80F
50 mm - JIGER 100F - 140F - 190F
60 mm - JIGER 150F - 200F
80 mm - JIGER 300F - 400F
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60 Hz with built in thermal protection and permanent capacitor.
Three Phase : 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER:
From 0,6 kW (0,8 HP) to 1,5 kW (2,0 HP) single phase and three phase versions.
From 2,2 kW (3,0 HP) to 3,0 kW (4,0 HP) only three phase versions
- AUTOMATIC SINGLE PHASE VERSIONS up to 1,1 kW (1,5 HP).
- SINGLE PHASE VERSIONS from 1,5 kW (2 HP) only manual, without floater.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual)
5 metres H07RN-F only for the automatic version.
Three Phase: 10 metres H07RN-F
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

OPTIONAL:

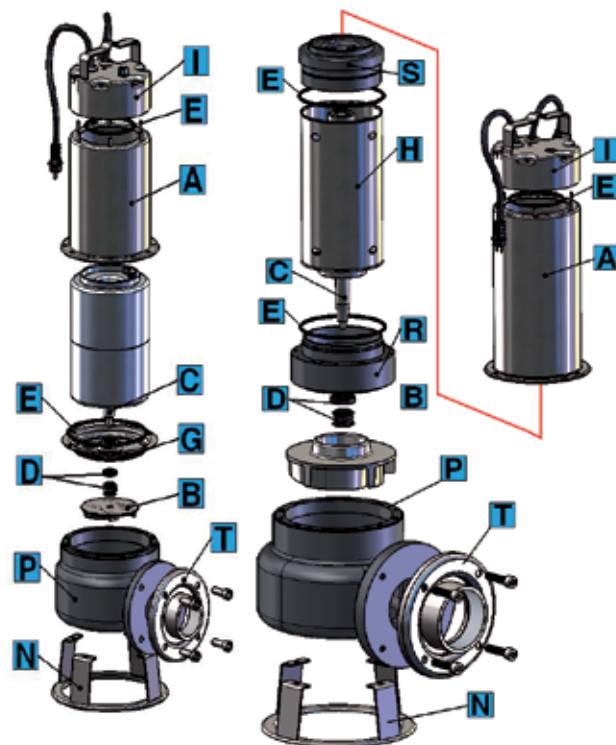
- DOWN STROKE GUIDE RAIL SYSTEMS DN50-DN80 (SEE PAGE 108-109)

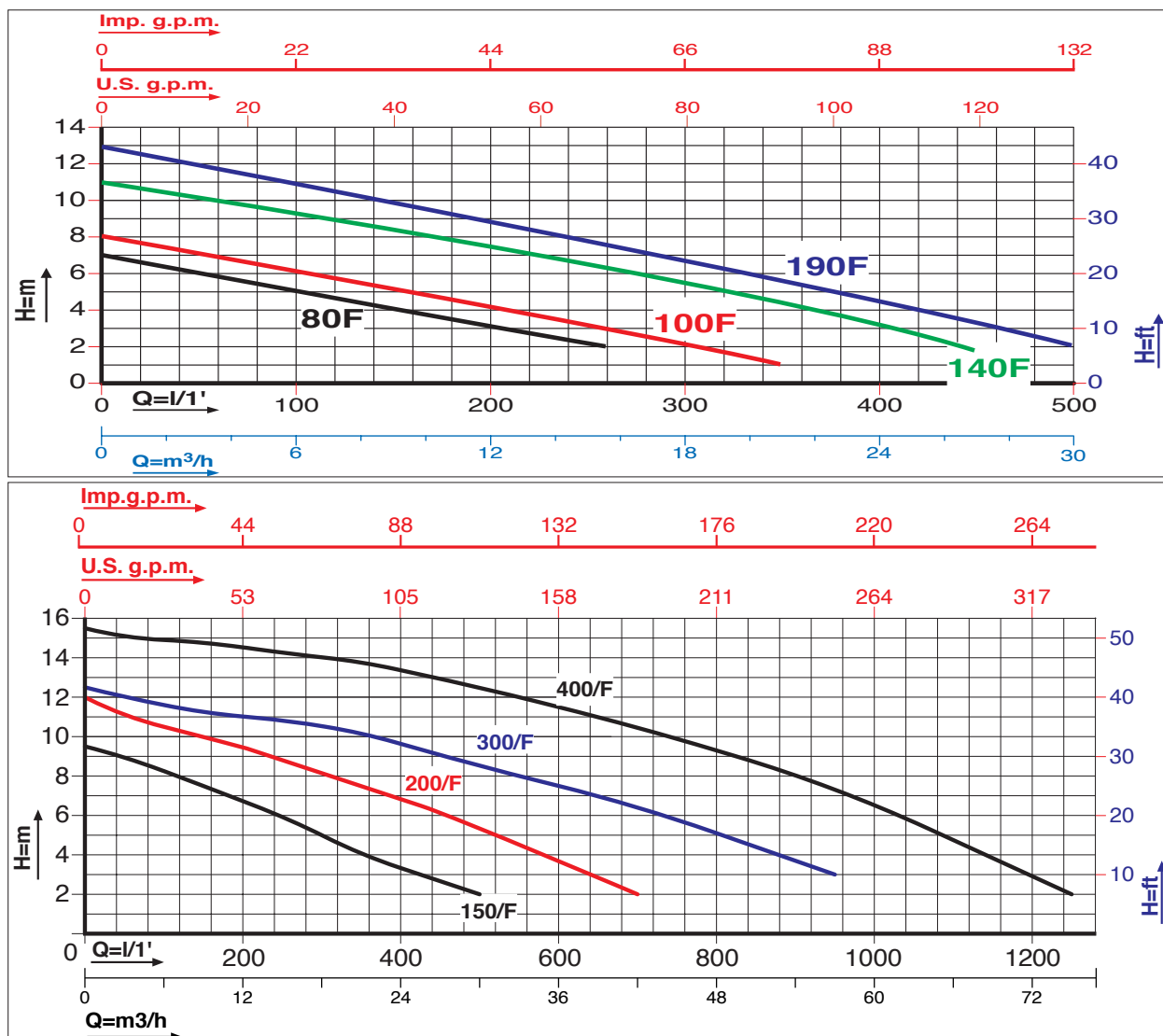
TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component			Materiale / Materials
A	Carcassa esterna / External housing			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller			
C	Albero (lato pompa) / Shaft (pump side)			ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical Seal	Lato motore Motor face	JIGER 80F-100F-140F-150F-190F-200F-300F	ANELLO DI TENUTA NBR / NBR SEAL RING
			JIGER 400F	GRAFITE - CERAMICA / GRAPHITE - CERAMIC
		Lato pompa Pump face	JIGER 80F-100F-140F-190F	GRAFITE - CERAMICA / GRAPHITE - CERAMIC
			JIGER 150F-200F-300F-400F	CARBURIO DI SILICIO - CERAMICA SILICON CARBIDE - CERAMIC
E	Oring			NBR
H	Carcassa motore / Motor housing			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle			
R	Flangia inferiore / Lower flange			GHISA (G.20) CAST IRON
S	Flangia superiore / Upper flange			
P	Corpo pompa / Pump body			
N	Base d'appoggio / Base holder			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
T	Controflangia d'aspirazione / Suction counter-flange			

JIGER 80F-100F-140F 190F-150F-200F-300F

JIGER 400F

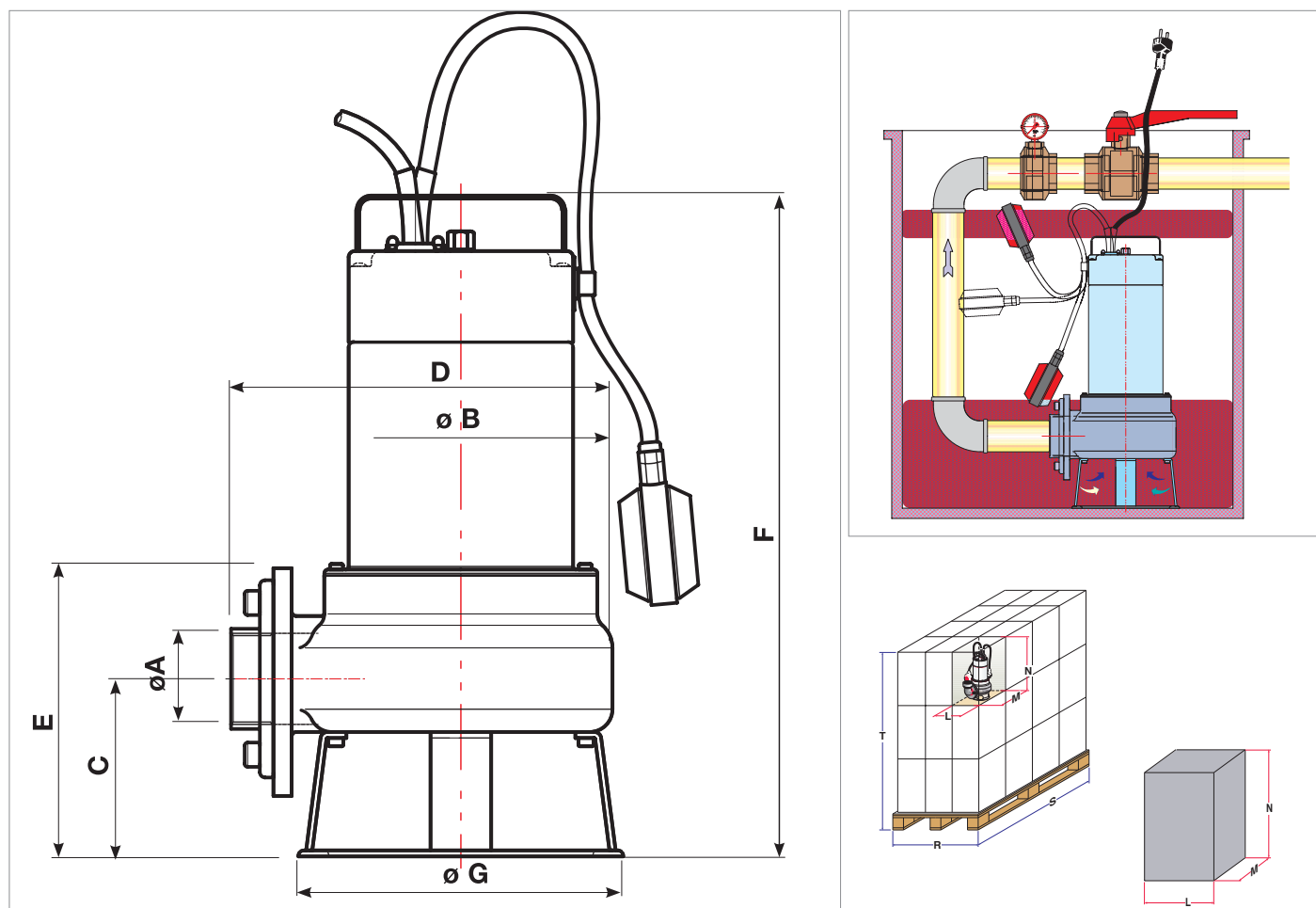




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	9	15,6	21	27	30	42	54	75
		kW	kW	HP	Ampere	µF	VC	l/min.	0	150	260	350	450	500	700	900	1250
JIGER 80F M	1 x 220-230V	1,1	0,6	0,8	4,5	16,0	450	H (m)	7,0	4,0	2,0	---	---	---	---	---	---
JIGER 80F T	3 x 380-440V	0,9	0,6	0,8	2,0	---	---		7,0	4,0	2,0	---	---	---	---	---	---
JIGER 100F M	1 x 220-230V	1,5	0,75	1,0	6,5	20,0	450		8,0	4,8	3,0	1,0	---	---	---	---	---
JIGER 100F T	3 x 380-440V	1,3	0,75	1,0	2,2	---	---		8,0	4,8	3,0	1,0	---	---	---	---	---
JIGER 140F M	1 x 220-230V	2,2	1,1	1,5	10,4	30,0	450		11,0	8,0	6,2	4,5	1,8	---	---	---	---
JIGER 140F T	3 x 380-440V	1,7	1,1	1,5	3,0	---	---		11,0	8,0	6,2	4,5	1,8	---	---	---	---
JIGER 190F M	1 x 220-230V	2,4	1,5	2,0	11,5	30,0	450		13,0	10,4	8,3	5,5	3,5	2,0	---	---	---
JIGER 190F T	3 x 380-440V	2,2	1,5	2,0	3,6	---	---		13,0	10,4	8,3	5,5	3,5	2,0	---	---	---
JIGER 150F M	1 x 220-230V	2,1	1,1	1,5	9,5	40,0	450		9,5	7,5	5,8	4,0	2,5	2,0	---	---	---
JIGER 150F T	3 x 380-440V	1,8	1,1	1,5	3,2	---	---		9,5	7,5	5,8	4,0	2,5	2,0	---	---	---
JIGER 200F M	1 x 220-230V	2,7	1,5	2,0	12,5	50,0	450		12,0	10,0	8,8	7,5	6,0	5,5	2,0	---	---
JIGER 200F T	3 x 380-440V	2,6	1,5	2,0	4,8	---	---		12,0	10,0	8,8	7,5	6,0	5,5	2,0	---	---
JIGER 300F T	3 x 380-440V	3,5	2,25	3,0	6,5	---	---	12,5	11,2	10,8	10,2	9,0	8,5	6,5	3,0	---	
JIGER 400F T	3 x 380-440V	4,5	3,0	4,0	8,5	---	---	15,5	14,8	14,2	13,8	13,0	12,5	10,5	7,5	2,0	
PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.																	

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JIGER 80F	2"	164	81,5	274	161,5	367	153
JIGER 100F	2"	164	81,5	274	161,5	367	153
JIGER 140F	2"	164	81,5	274	161,5	367	153
JIGER 190F	2"	164	81,5	274	161,5	367	153
JIGER 150F	2 1/2"	200	121	280,5	196	490	214
JIGER 200F	2 1/2"	200	121	280,5	196	490	214
JIGER 300F	3"	253	133	290	223	523,5	214
JIGER 400F	3"	253	133	290	223	523,5	214

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/cartons	Peso / Weight Kg
JIGER 80F	190	230	410	14,0	800	1200	1370	60	865
JIGER 100F	190	230	410	16,0	800	1200	1370	60	985
JIGER 140F	190	230	410	17,0	800	1200	1370	60	1045
JIGER 190F	190	230	410	17,5	800	1200	1370	60	1075
JIGER 150F	260	300	530	23,0	800	1200	1750	36	850
JIGER 200F	260	300	530	28,0	800	1200	1750	36	1030
JIGER 300F	260	300	550	32,0	800	1200	1810	36	1170
JIGER 400F	720	400	260	48,0	800	1200	900	9	460

JKIPPER



ELETTROPOMPE SOMMERGIBILI VORTEX PER ACQUE CARICHE, DOTATE DI CONTROFLANGIA **SUBMERSIBLE VORTEX ELECTRIC PUMPS FOR WASTE WATER, FEATURING A COUNTER FLANGE**

PREVALENZA : 7 mt. ÷ 15,5 mt.
PORTATA : 15,6 m³/h ÷ 75 m³/h
POTENZA NOMINALE : 0,6 kW (0,8HP) ÷ 3,0 kW (4HP)
PASSAGGIO SOLIDI FINO A 80 mm.

PUMP HEAD : 7,0 mt ÷ 15,5 mt
DELIVERY : 15,6 m³/h ÷ 75,0 m³/h
RATED HORSEPOWER : 0,6 kW (0,8HP) ÷ 3,0 kW (4,0HP)
SOLID MATTER BYPASS up to 80 mm

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

APPLICATIONS

- DECANTATION PIT, SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- ELETTOPOMPA A UNICA CAMERA (SOLO PER SKIPPER 400F).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. (SOLO PER SKIPPER 400F) LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 5 .
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa
- PASSAGGIO LIBERO: 45 mm - JKIPPER 80F - 100F - 140F -190F
60 mm - JKIPPER 150F - 200F
80 mm - JKIPPER 300F - 400F
- VERSIONI: Monofase: 220-277V/50Hz e 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE: da 0,6 kW (0,8 HP) a 1,5 kW (2 HP) versione monofase e trifase.
da 2,2 kW (3 HP) a 3 kW (4 HP) solo versione trifase
- VERSIONI MONOFASI AUTOMATICHE fino a 1,1 kW (1,5 HP).
- VERSIONI MONOFASI da 1,5 kW (2 HP) solo manuali senza galleggiante.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man.)
5 metri H07RN-F solo per versione automatica .
Trifase: 10 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN50-DN80 PER IMPIANTI FISSI (VEDERE PAGINA 108-109)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- SINGLE CHAMBER ELECTRIC PUMP (ONLY FOR SKIPPER 400F).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. (ONLY SKIPPER 400F) PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 45 mm - JKIPPER 80F - 100F - 140F - 190F
60 mm - JKIPPER 150F - 200F
80 mm - JKIPPER 300F - 400F
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
Three Phase : 220-277V/50Hz or 380-480V/50Hz and 220-277V /60Hz or 380-480V/60Hz with overload protection care of the User
- MOTOR POWER: From 0,6 kW (0,8 HP) to 1,5 kW (2 HP) single phase and three phase versions.
From 2,2 kW (3 HP) to 3 kW (4 HP) Only three phase versions
- AUTOMATIC SINGLE PHASE VERSIONS up to 1,1 kW (1,5 HP).
- SINGLE PHASE VERSIONS from 1,5 kW (2 HP) only manual, without float
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual)
5 metres H07RN-F only for the automatic version.
Three Phase: 10 metres H07RN-F

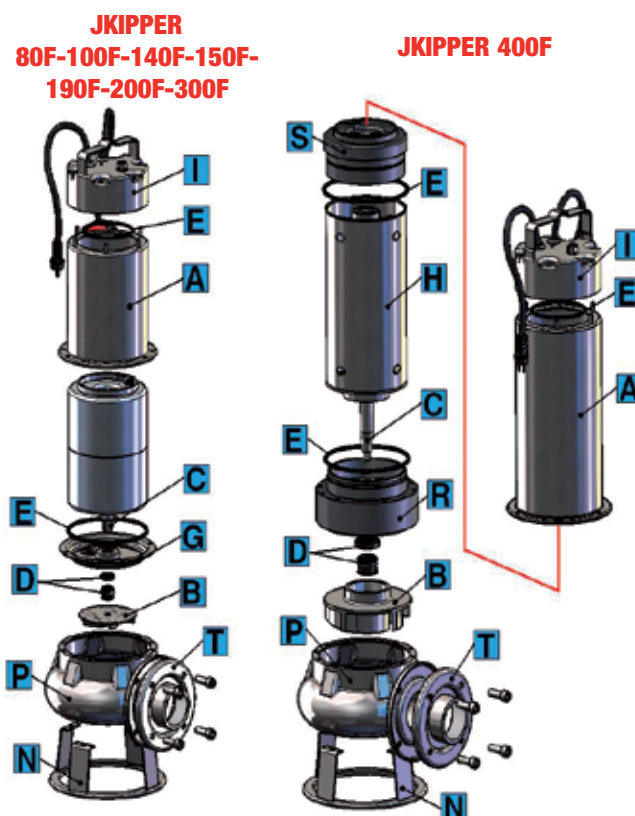
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

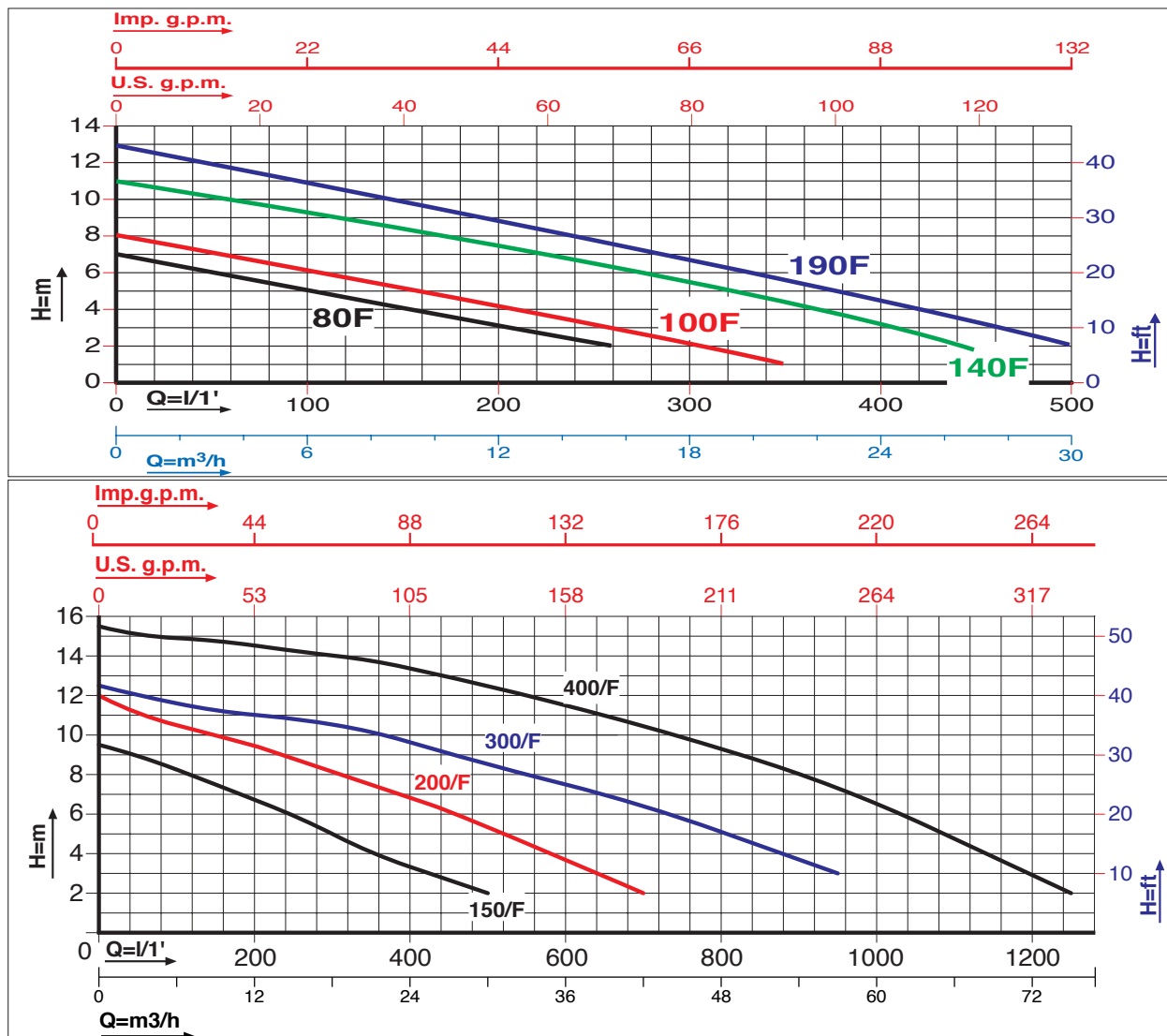
OPTIONAL:

- DOWN STROKE GUIDE RAIL SYSTEMS DN50-DN80 FOR FIXED PLANTS (SEE PAGE 108-109)

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component			Materiale / Materials
A	Carcassa esterna / External housing			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller			
C	Albero (lato pompa) / Shaft (pump side)			ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical Seal	Lato motore Motor face	JKIPPER 80F-100F 150F-200F-300F	ANELLO DI TENUTA NBR / NBR SEAL RING
			JKIPPER 400F	GRAFITE - CERAMICA / GRAPHITE - CERAMIC
		Lato pompa Pump face	JKIPPER 80F-100F	GRAFITE - CERAMICA / GRAPHITE - CERAMIC
			JKIPPER 150F-200F-300F-400F	CARBURO DI SILICIO - CERAMICA SILICON CARBIDE - CERAMIC
E	Oring			NBR
H	Carcassa motore / Motor housing			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle			
R	Flangia inferiore / Lower flange			GHISA (G.20) CAST IRON
S	Flangia superiore / Upper flange			
P	Corpo pompa / Pump body			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
N	Base d'appoggio / Base holder			
T	Controflangia d'aspirazione / Suction counter-flange			

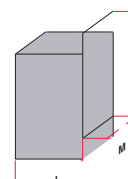
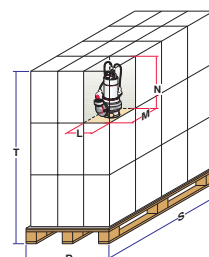
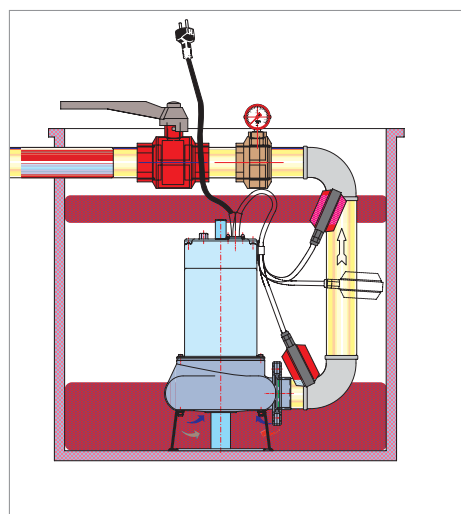
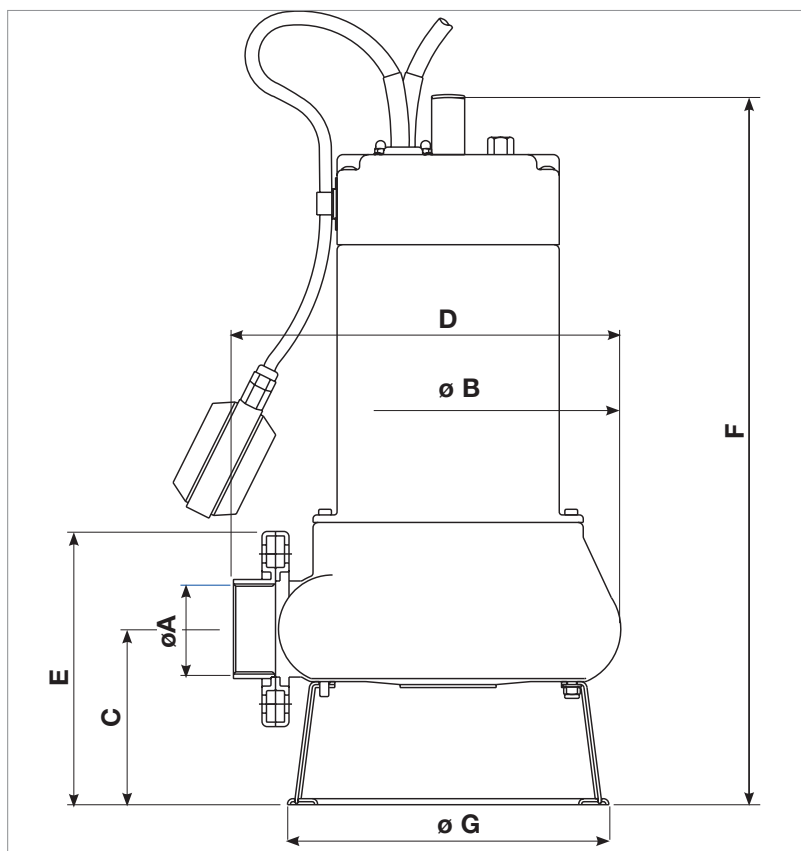




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / <i>HYDRAULIC DATA</i>										
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	9	15,6	21	27	30	42	54	75	
			kW	kW		HP	Ampere											µF
	50 Hz								l/min.	0	150	260	350	450	500	700	900	1250
JKIPPER 80F M	1 x 220-230V	1,1	0,6	0,8	4,5	16,0	450	H (m)	7,0	4,0	2,0	---	---	---	---	---	---	---
JKIPPER 80F T	3 x 380-440V	0,9	0,6	0,8	2,0	---	---		7,0	4,0	2,0	---	---	---	---	---	---	---
JKIPPER 100F M	1 x 220-230V	1,5	0,75	1,0	6,5	20,0	450		8,0	4,8	3,0	1,0	---	---	---	---	---	---
JKIPPER 100F T	3 x 380-440V	1,3	0,75	1,0	2,2	---	---		8,0	4,8	3,0	1,0	---	---	---	---	---	---
JKIPPER 140F M	1 x 220-230V	2,2	1,1	1,5	10,4	30,0	450		11,0	8,0	6,2	4,5	1,8	---	---	---	---	---
JKIPPER 140F T	3 x 380-440V	1,7	1,1	1,5	3,0	---	---		11,0	8,0	6,2	4,5	1,8	---	---	---	---	---
JKIPPER 190F M	1 x 220-230V	2,4	1,5	2,0	11,5	30,0	450		13,0	10,4	8,3	5,5	3,5	2,0	---	---	---	---
JKIPPER 190F T	3 x 380-440V	2,2	1,5	2,0	3,6	---	---		13,0	10,4	8,3	5,5	3,5	2,0	---	---	---	---
JKIPPER 150F M	1 x 220-230V	2,1	1,1	1,5	9,5	40,0	450		9,5	7,5	5,8	4,0	2,5	2,0	---	---	---	---
JKIPPER 150F T	3 x 380-440V	1,8	1,1	1,5	3,2	---	---		9,5	7,5	5,8	4,0	2,5	2,0	---	---	---	---
JKIPPER 200F M	1 x 220-230V	2,7	1,5	2,0	12,5	50,0	450		12,0	10,0	8,8	7,5	6,0	5,5	2,0	---	---	---
JKIPPER 200F T	3 x 380-440V	2,6	1,5	2,0	4,8	---	---		12,0	10,0	8,8	7,5	6,0	5,5	2,0	---	---	---
JKIPPER 300F T	3 x 380-440V	3,5	2,25	3,0	6,5	---	---	12,5	11,2	10,8	10,2	9,0	8,5	6,5	3,0	---	---	
JKIPPER 400F T	3 x 380-440V	4,5	3,0	4,0	8,5	---	---	15,5	14,8	14,2	13,8	13,0	12,5	10,5	7,5	2,0	---	
PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.																		

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JKIPPER 80F	2"	164	108	217	155	381	180
JKIPPER 100F	2"	164	108	217	155	381	180
JKIPPER 140F	2 1/2"	253	116,5	260	192	473	214
JKIPPER 150F	2 1/2"	253	116,5	260	192	473	214
JKIPPER 190F	2 1/2"	253	116,5	260	192	473	214
JKIPPER 200F	2 1/2"	253	116,5	260	192	473	214
JKIPPER 300F	3"	253	127	278	217	515	214
JKIPPER 400F	3"	253	127	278	217	641	214

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso/Weight Kg	R mm	S mm	T mm	nr. scatole/cartons	Peso/Weight Kg
JKIPPER 80F	190	230	410	10,5	800	1200	1370	60	655
JKIPPER 100F	190	230	410	11,5	800	1200	1370	60	715
JKIPPER 140F	260	300	530	18,5	800	1200	1750	36	691
JKIPPER 150F	260	300	530	19,0	800	1200	1750	36	709
JKIPPER 190F	260	300	530	22,0	800	1200	1750	36	817
JKIPPER 200F	260	300	530	22,5	800	1200	1750	36	835
JKIPPER 300F	260	300	550	23,0	800	1200	1810	36	850
JKIPPER 400F	720	400	260	39,0	800	1200	900	9	380

JKIPPER



ELETTROPOMPE SOMMERGIBILI VORTEX PER ACQUE CARICHE SUBMERSIBLE VORTEX ELECTRIC PUMPS FOR WASTEWATER

PREVALENZA : 7,5 mt. ÷ 13,0 mt.
PORTATA : 15,6 m³/h ÷ 30,0 m³/h
POTENZA NOMINALE : 0,6 kW (0,8HP) ÷ 1,5 kW (2,0HP)
PASSAGGIO SOLIDI FINO A 50 mm.

PUMP HEAD : 7,5 mt ÷ 13,0 mt
DELIVERY : 15,6 m³/h ÷ 30,0 m³/h
RATED HORSEPOWER : 0,6 kW (0,8HP) ÷ 1,5 kW (2,0HP)
SOLID MATTER BYPASS up to 50 mm

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI NERI, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

APPLICATIONS

- DECANTATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 35 mm - JKIPPER 80.
50 mm - JKIPPER 100 - 150 - 200.
- VERSIONI: Monofase: 220-277V/50Hz e 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man.).
Trifase: 10 metri H07RN-F.

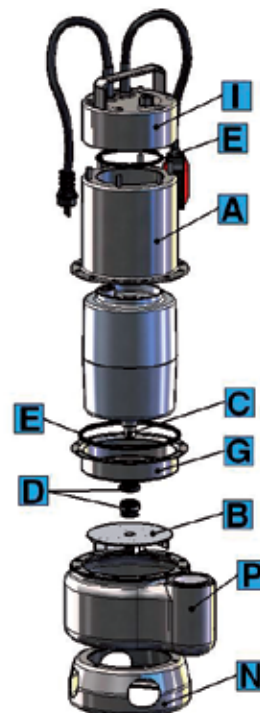
SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

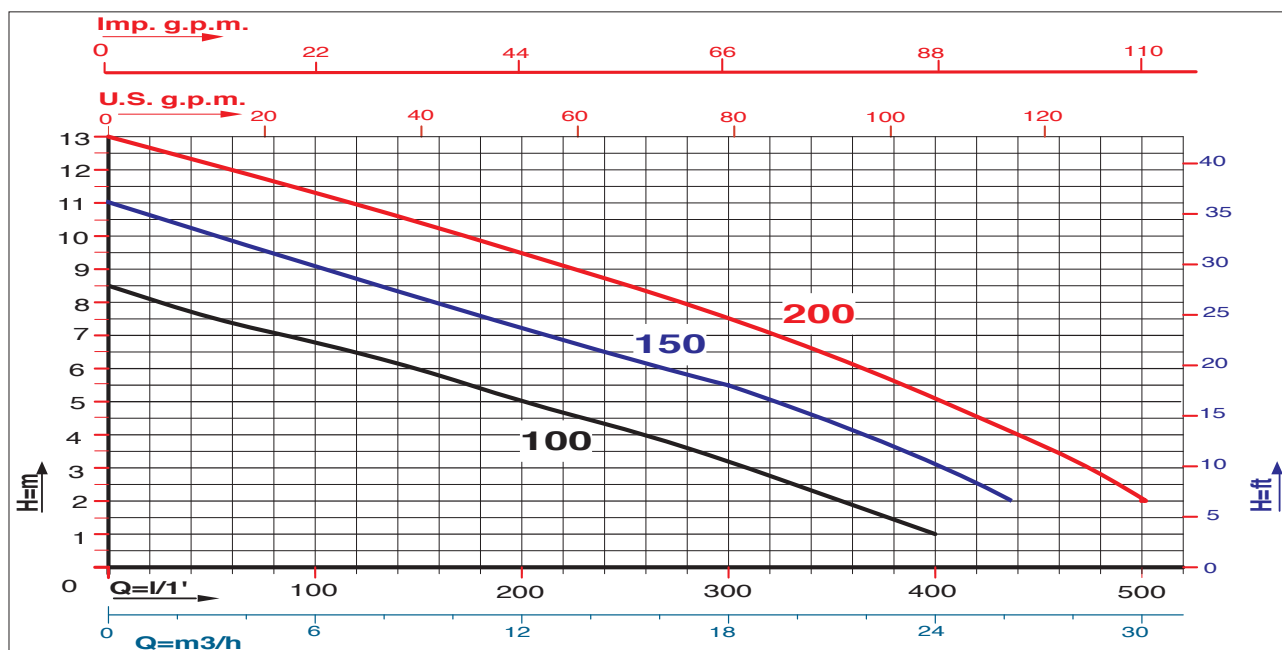
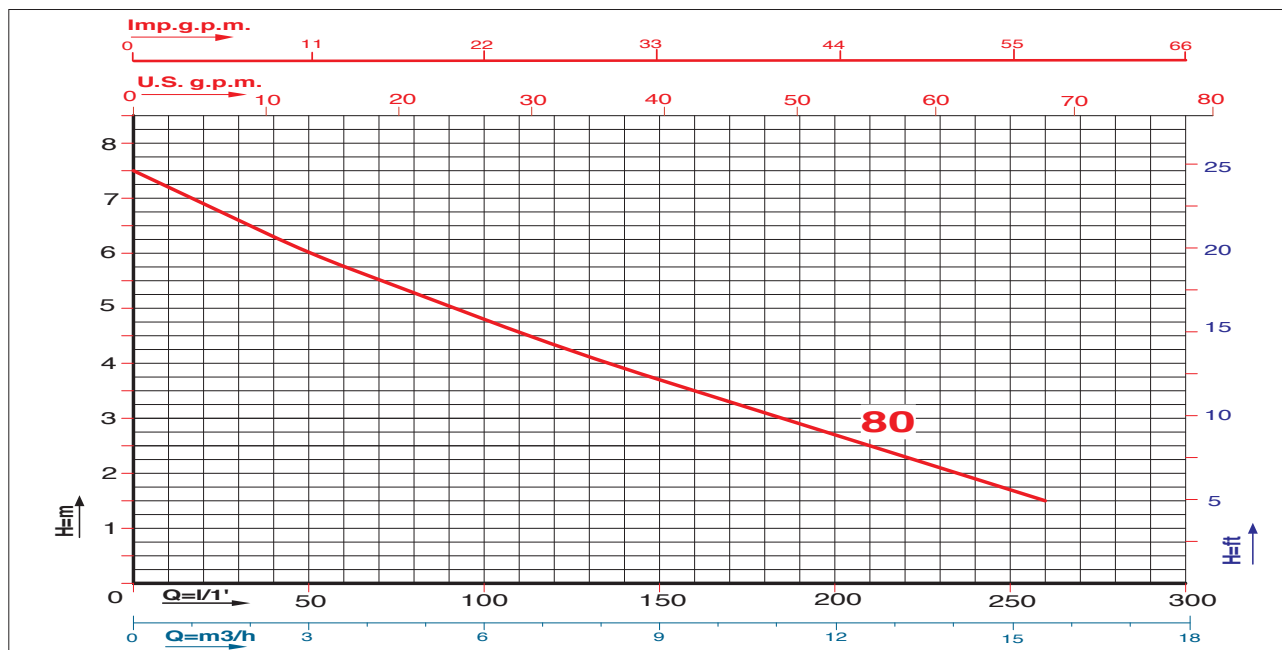
DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
 - OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
 - SEALING RING - ENGINE FACE.
 - OIL BATH MECHANICAL SEALS.
 - PERMISSIBLE DRAUGHT OF WATER: 5 m.
 - IP 68 PROTECTION CLASS.
 - CLASS "F" INSULATION.
 - MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
 - BY PASS SECTION: 35 mm - JKIPPER 80.
50 mm - JKIPPER 100 - 150 - 200.
 - VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60 Hz with built in thermal protection and permanent capacitor.
Three Phase :220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User
 - AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL SINGLE PHASE VERSIONS, WITHOUT FLOATER.
 - STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual).
Three Phase: 10 metres H07RN-F.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump side	GRAFITE-CERAMICA GRAPHITE-CERAMIC
		Lato motore / Motor side	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		NBR
G	Porta motore / Motor holder		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle		
N	Base d'appoggio / Base holder		
P	Corpo pompa / Pump body		

JKIPPER 80 - 100 - 150 - 200


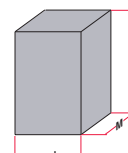
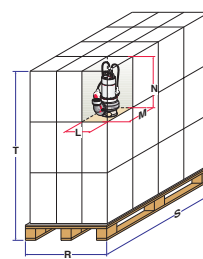
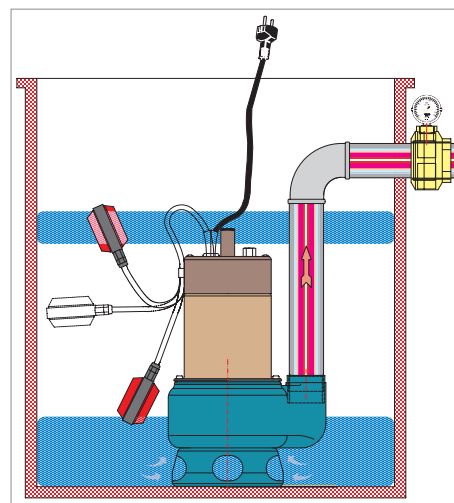
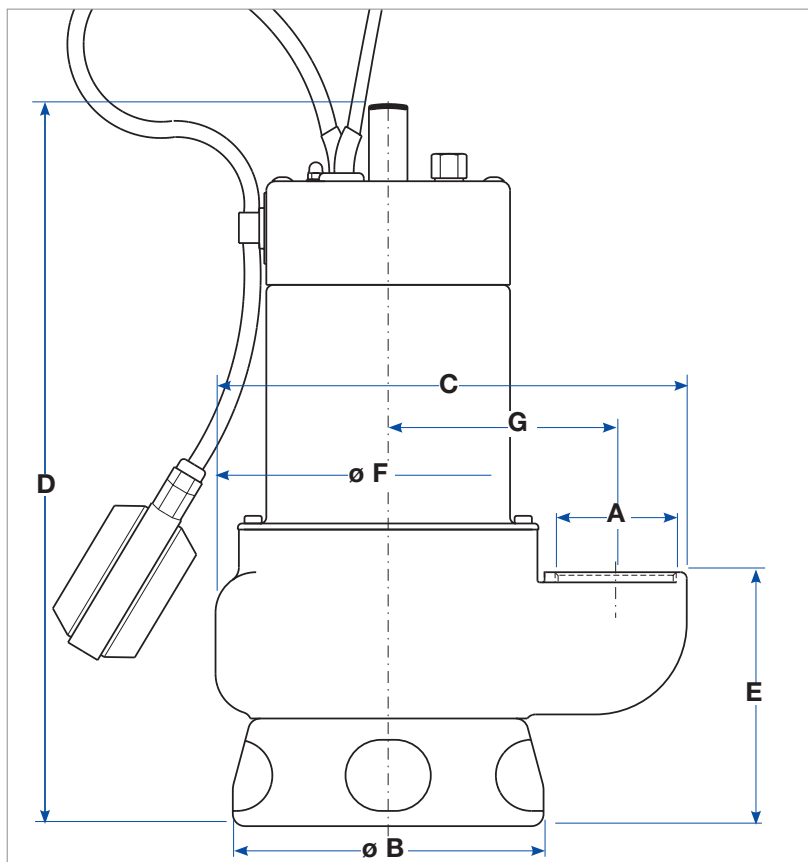


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1 max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	3	6	9	12	15,6	18	24	27	30
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	150	200	260	300	400	450	500
JKIPPER 80 M	1 x 220-230V	1,1	0,6	0,8	5,0	16,0	450	H (m)	7,5	6,0	4,8	3,7	2,7	1,5	---	---	---	---
JKIPPER 80 T	3 x 380-440V	0,9	0,6	0,8	2,0	---	---		7,5	6,0	4,8	3,7	2,7	1,5	---	---	---	---
JKIPPER 100 M	1 x 220-230V	1,5	0,75	1,0	6,5	20,0	450		8,5	7,5	6,8	6,0	5,0	4,0	3,2	1,0	---	---
JKIPPER 100 T	3 x 380-440V	1,3	0,75	1,0	2,4	---	---		8,5	7,5	6,8	6,0	5,0	4,0	3,2	1,0	---	---
JKIPPER 150 M	1 x 220-230V	2,2	1,1	1,5	10,4	30,0	450		11,0	9,8	9,0	8,0	7,3	6,2	5,6	3,2	1,8	---
JKIPPER 150 T	3 x 380-440V	1,7	1,1	1,5	3,0	---	---		11,0	9,8	9,0	8,0	7,3	6,2	5,6	3,2	1,8	---
JKIPPER 200 M	1 x 220-230V	2,4	1,5	2,0	11,5	30,0	450		13,0	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3,0	2,0
JKIPPER 200 T	3 x 380-440V	2,2	1,5	2,0	3,6	---	---		13,0	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3,0	2,0

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JKIPPER 80	1" 1/2	164	217	355	153	164	108
JKIPPER 100	1" 1/2	164	217	355	153	164	108
JKIPPER 150	2"	164	221	395	178	164	108
JKIPPER 200	2"	164	221	395	178	164	108

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/cartons	Peso / Weight Kg
JKIPPER 80	190	230	410	10,5	800	1200	1360	60	650
JKIPPER 100	190	230	410	11,5	800	1200	1360	60	715
JKIPPER 150	190	230	410	13,5	800	1200	1360	60	835
JKIPPER 200	190	230	410	13,5	800	1200	1360	60	835



ELETTROPOMPE SOMMERGIBILI VORTEX E BICANALI PER ACQUE CARICHE E LIQUIDI AGGRESSIVI
SUBMERSIBLE VORTEX AND BICANAL ELECTRIC PUMPS FOR WASTEWATER AND AGGRESSIVE LIQUIDS

PREVALENZA : 10,5 m ÷ 16,0 m
PORTATA : 13,8 m³/h ÷ 42 m³/h
POTENZA NOMINALE : 0,6 kW (0,8HP) ÷ 2,2 kW (2HP)
PASSAGGIO SOLIDI FINO A 50 mm.

PUMP HEAD : 10,5 mt ÷ 16,0 mt
DELIVERY : 13,8 m³/h ÷ 42,0 m³/h
RATED HORSEPOWER : 0,6 kW (0,8HP) ÷ 2,2 kW (2,0HP)
SOLID MATTER BYPASS up to 50 mm.

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI NERI, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.
- POMPAGGIO DI LIQUIDI AGGRESSIVI.

APPLICATIONS

- DECANTATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.
- PUMPING OF AGGRESSIVE MEDIA.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5 .
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 30 mm - JR VEX 80 S.
50 mm - JR VEX 100 S - 150 S.
- VERSIONI:
Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.
- CAVO STANDARD:
Monofase: 10 metri H05VV-F per versione normale (aut.-man.).
Trifase: 10 metri H05VV-F.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

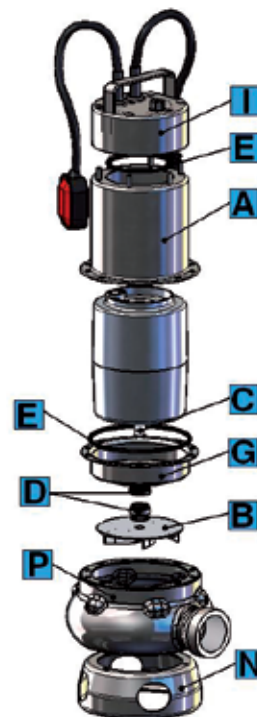
- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 30 mm - JR VEX 80 S.
50 mm - JR VEX 100 S - 150 S.
- VERSIONS:
Single Phase: 220-277V/50Hz or 220-277V/60 Hz with built in thermal protection and permanent capacitor.
Three Phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the Use
- AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL WITHOUT FLOATER.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H05VV-F for the standard version (automatic-manual).
Three Phase: 10 metres H05VV-F.

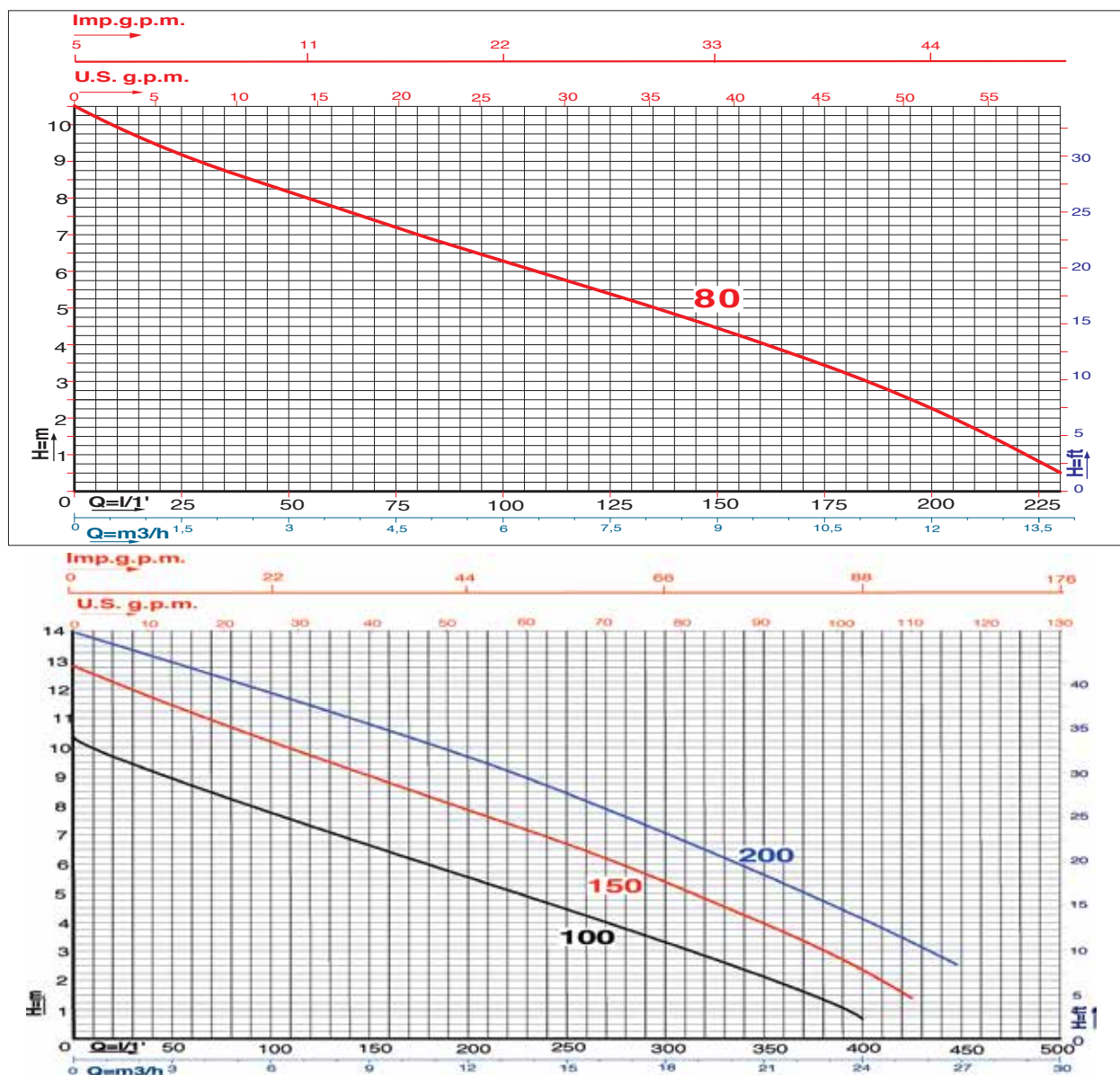
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
B	Girante / Impeller		
C	Albero (lato pompa) / Shaft (pump side)		
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face	CARBURO DI SILICIO-VITON SILICON CARBIDE-VITON
		Lato motore / Motor face	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		VITON
G	Porta motore / Motor holder		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle		
N	Base d'appoggio / Base holder		
P	Corpo pompa / Pump body		

JR VEX 80/S - 100/S - 150/S - 200/S





Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1 max		P2 nom.		I max	Condensatore Capacitor	m³/h	0	3	6	9	12	13,8	18	24	25,5	27
		KW	KW	HP	A	µF	VC	l/min.	0	50	100	150	200	230	300	400	425	450
JRVEX/S 80 M	1 x 220-230V	1,1	0,6	0,8	5,0	16	450	H (m)	10,5	8,2	6,3	4,5	2,3	0,6	---	---	---	---
JRVEX/S 80 T	3x220 or 380V	0,9	0,6	0,8	2,1	---	---		10,5	8,2	6,3	4,5	2,3	0,6	---	---	---	---
JRVEX/S 100 M	1 x 220-230V	1,5	0,75	1,0	6,5	20	450		10,5	8,6	7,6	6,6	5,4	4,4	3,2	0,6	---	---
JRVEX/S 100 T	3x220 or 380V	1,3	0,75	1,0	2,6	---	---		10,5	8,6	7,6	6,6	5,4	4,4	3,2	0,6	---	---
JRVEX/S 150 M	1 x 220-230V	2,2	1,1	1,5	9,4	30	450		13	11,4	10,4	9,4	8,4	7,0	5,4	2,5	1,6	---
JRVEX/S 150 T	3x220 or 380V	1,9	1,1	1,5	3,4	---	---		13	11,4	10,4	9,4	8,4	7,0	5,4	2,5	1,6	---
JRVEX/S 200 T	3 x 380-400V	2,2	1,5	2,0	3,7	---	---		14	13	12,0	10,8	9,8	9,0	7,4	4,0	3,4	2,4

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP
HEAD AND WATER COLUMN HEIGHT IN m.

CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 50 mm.

- VERSIONI:
Monofase: 220-277V/50Hz o 220-277V/60 Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.
- CAVO STANDARD:
Monofase: 10 metri H05VV-F per versione normale (aut.-man.).
Trifase: 10 metri H05VV-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 50 mm.

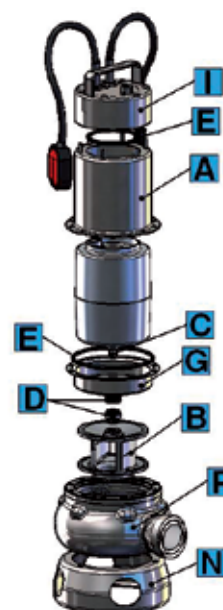
- VERSIONS:
Single Phase: 220-277V/50Hz or 220-277V/60 Hz with built in thermal protection and permanent capacitor.
Three Phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL WITHOUT FLOATER.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H05VV-F for the standard version (automatic-manual).
Three Phase: 10 metres H05VV-F

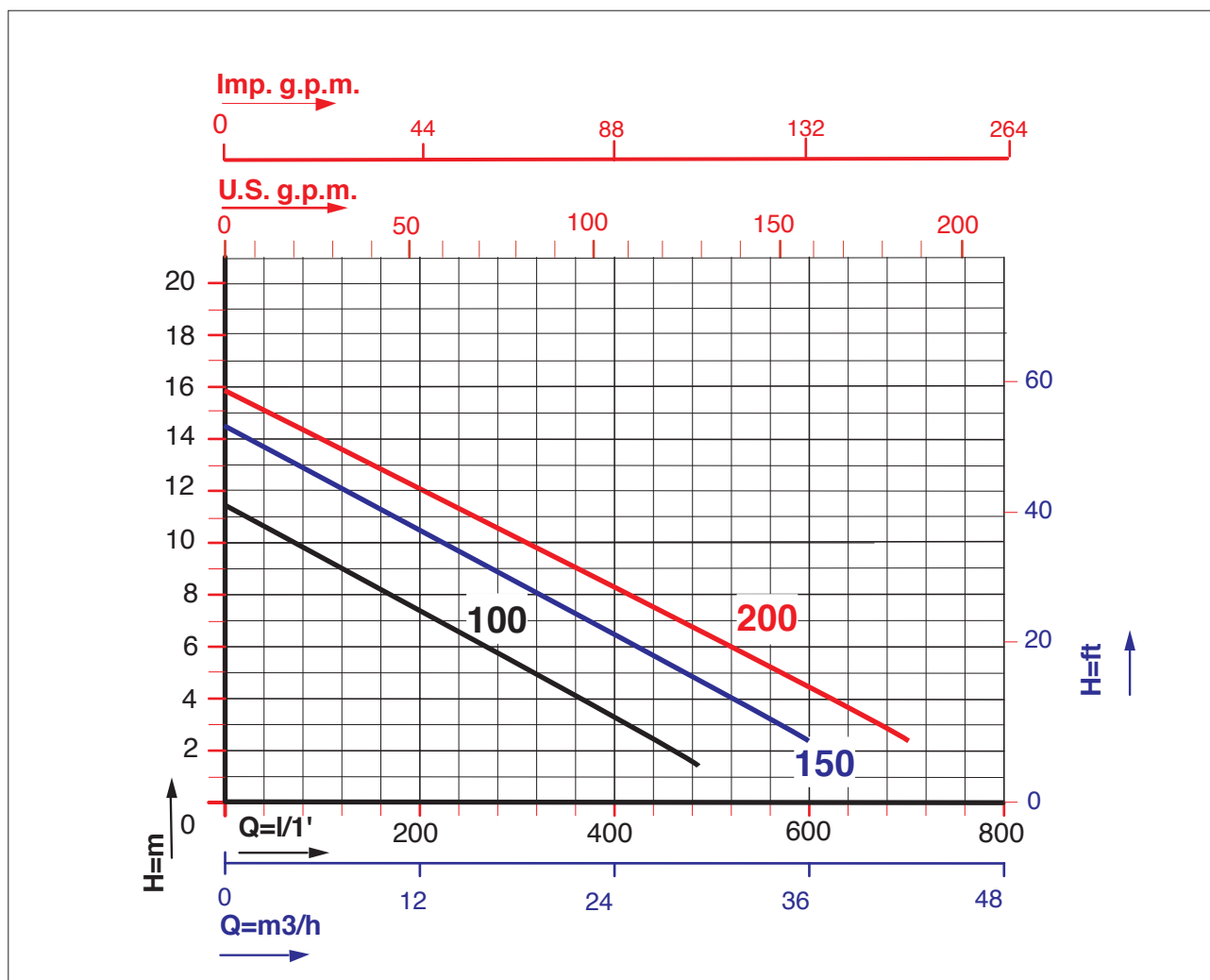
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
B	Girante / Impeller		
C	Albero (lato pompa) / Shaft (pump side)		
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face	CARBURO DI SILICIO-VITON SILICON CARBIDE-VITON
		Lato motore / Motor face	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		VITON
G	Porta motore / Motor holder		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle		
N	Base d'appoggio / Base holder		
P	Corpo pompa / Pump body		

JRVEV BC 100/S - 150/S - 200/S



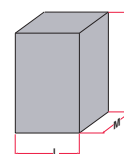
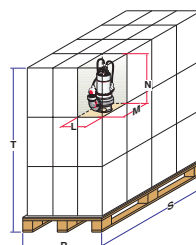
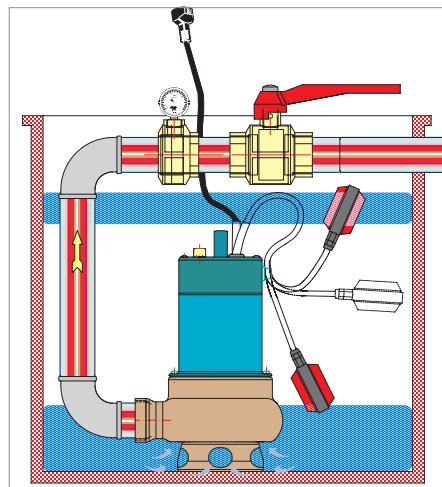
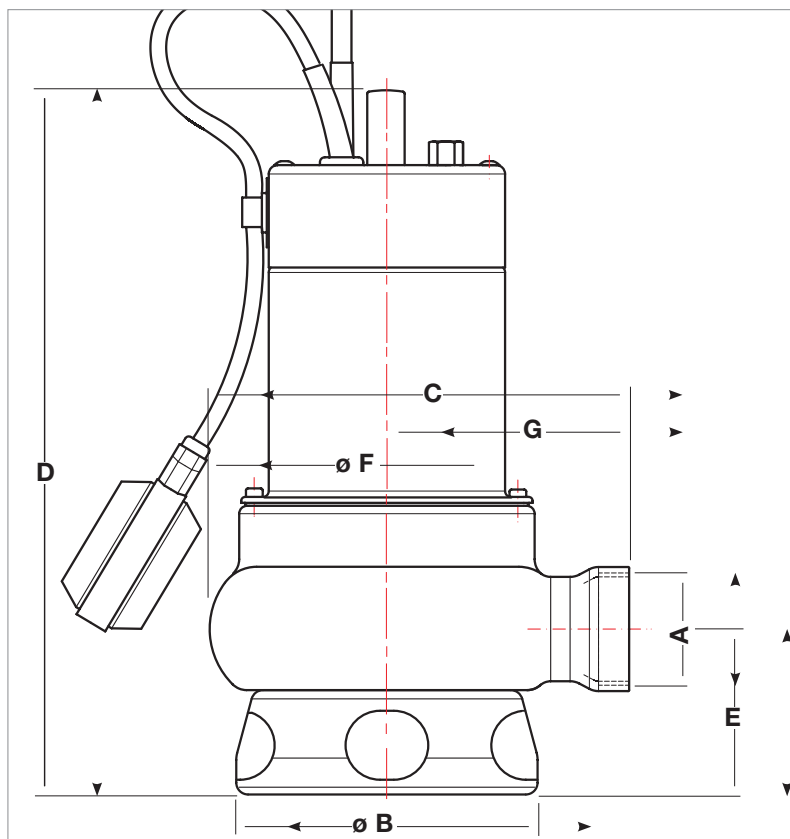


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1 max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	3	6	12	18	24	30	36	42
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	200	300	400	500	600	700
JRVEX/S BC 100 M	1 x 220-230V	1,5	0,75	1,0	7,0	20	450	H (m)	11,5	10,5	9,5	7,5	5,5	3,5	1,5		
JRVEX/S BC 100 T	3 x 380V - 400V	1,3	0,75	1,0	3,2	---	---		11,5	10,5	9,5	7,5	5,5	3,5	1,5		
JRVEX/S BC 150 M	1 x 220-230V	2,2	1,1	1,5	11,5	30	450		14,5	13,5	12,5	10,5	8,5	6,5	4,5	2,5	
JRVEX/S BC 150 T	3 x 380V - 400V	1,7	1,1	1,5	4,5	---	---		14,5	13,5	12,5	10,5	8,5	6,5	4,5	2,5	
JRVEX/S BC 200 T	3 x 380V - 400V	2,2	1,5	2,0	4,8	---	---		16,0	14,8	14,0	12,0	10,5	8,2	6,5	4,3	2,5

PREVALENZA TOTALE in METRI COLONNA ACQUA
/ TOTAL PUMP HEAD AND WATER COLUMN
HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JRVEX/S 80 M	2"	176	214	358	88	180	124
JRVEX/S 80 T	2"	176	214	358	88	180	124
JRVEX/S 100 M	2"	176	214	358	88	180	124
JRVEX/S 100 T	2"	176	214	358	88	180	124
JRVEX/S 150 M	2"	176	214	398	88	180	124
JRVEX/S 150 T	2"	176	214	398	88	180	124
JRVEX/S BC 100	2"	176	214	369	88	180	124
JRVEX/S BC 150	2"	176	214	409	88	180	124
JRVEX/S BC 200	2"	176	214	409	88	180	124

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JRVEX/S 80 M	190	230	410	10,5	800	1200	1360	60	650
JRVEX/S 80 T	190	230	410	10,5	800	1200	1360	60	650
JRVEX/S 100 M	190	230	410	11,5	800	1200	1360	60	715
JRVEX/S 100 T	190	230	410	11,5	800	1200	1360	60	715
JRVEX/S 150 M	190	230	410	13,5	800	1200	1360	60	835
JRVEX/S 150 T	190	230	410	13,5	800	1200	1360	60	835
JRVEX/S BC 100	190	230	480	12,5	800	1200	1570	60	775
JRVEX/S BC 150	190	230	480	14,5	800	1200	1570	60	895
JRVEX/S BC 200	190	230	480	14,5	800	1200	1570	60	895

JRVEX

AISI 304



ELETTROPOMPE SOMMERGIBILI VORTEX E BICANALI PER ACQUE CARICHE **SUBMERSIBLE VORTEX AND BICANAL ELECTRIC PUMPS FOR WASTEWATER**

PREVALENZA : 9,5 m ÷ 16,0 m
PORTATA : 18,0 m³/h ÷ 42 m³/h
POTENZA NOMINALE : 0,75 kW (1,0HP) ÷ 1,5 kW (2,0HP)
PASSAGGIO SOLIDI FINO A 50 mm.

PUMP HEAD : 9,5 mt ÷ 16,0 mt
DELIVERY : 18,0 m³/h ÷ 42,0 m³/h
RATED HORSEPOWER : 0,75 kW (1,0HP) ÷ 1,5 kW (2,0HP)
SOLID MATTER BYPASS up to 50 mm.

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI NERI, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

APPLICATIONS

- DECANTATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5 .
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 40mm ARVEX 80
50mm ARVEX 100-150-200
- VERSIONI:
Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.

• VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.

CAVO STANDARD:

Monofase: 5 e 10 metri H07RN-F (aut.-man).
Trifase: 10 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA (DN50) PER IMPIANTI FISSI (VEDERE PAGINA 108-109)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 40mm ARVEX 80
50mm ARVEX 100-150-200
- VERSIONS:
Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
Three Phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.

• AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL WITHOUT FLOATER.

STANDARD CABLE FEATURES:

Single Phase: 5 and 10 metres H07RN-F for the standard version (automatic manual).
Three Phase: 10 metres H07RN-F

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

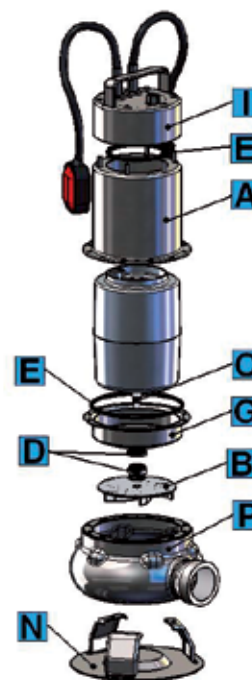
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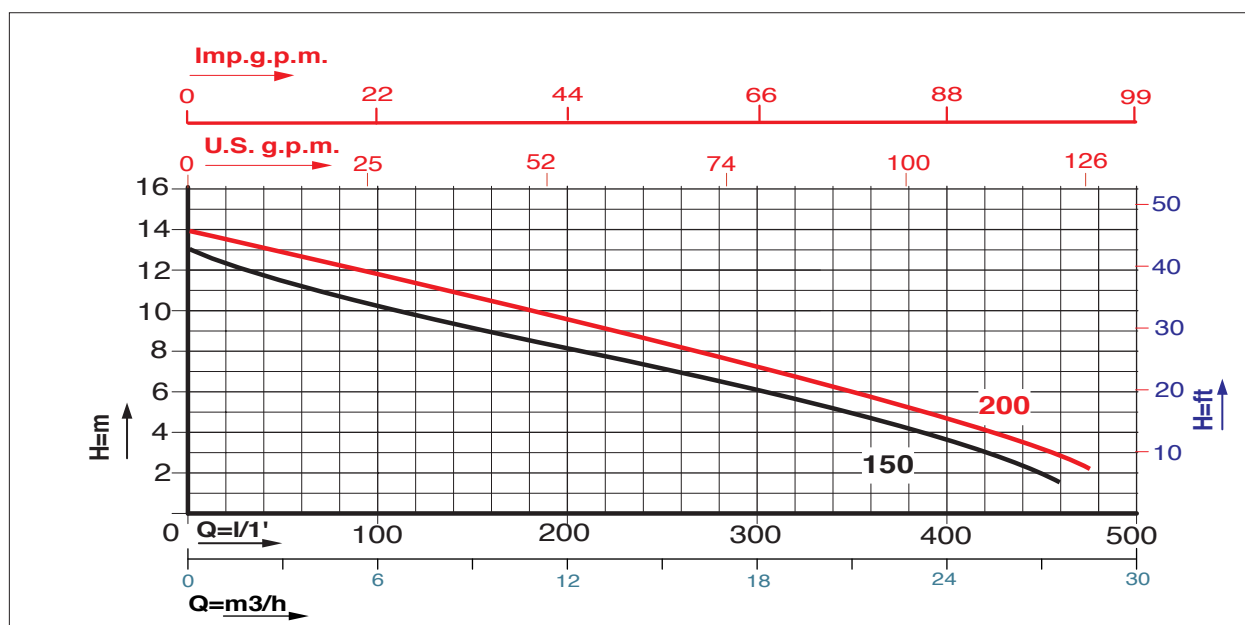
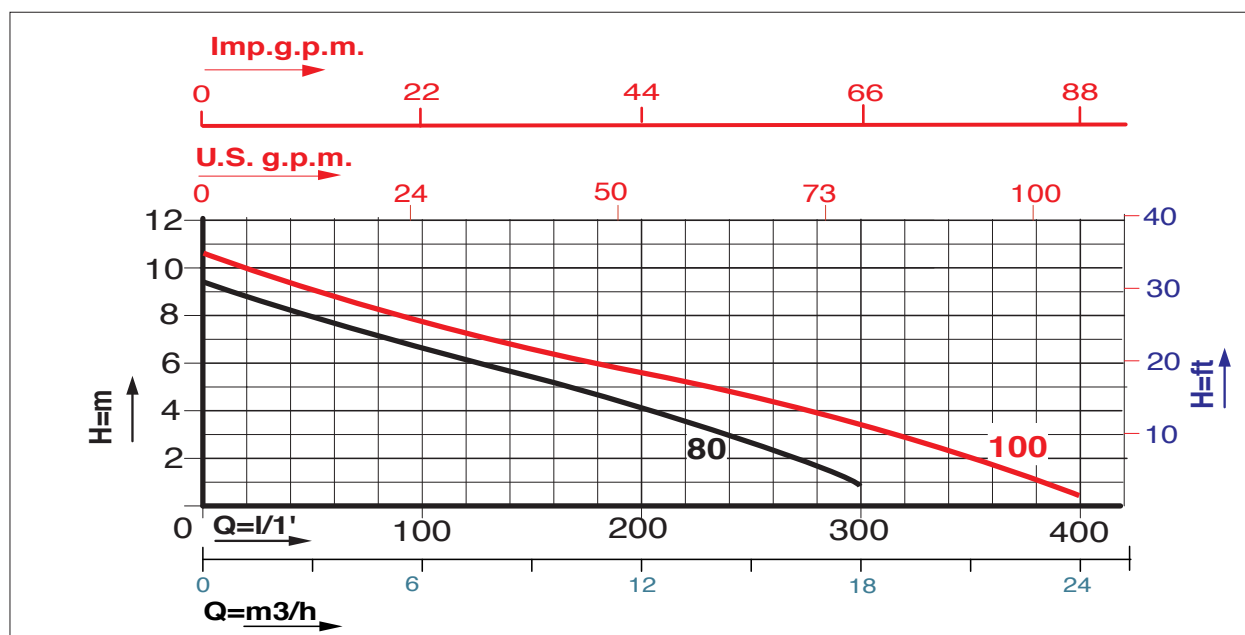
- DOWN STROKE GUIDE RAIL SYSTEMS (DN50) FOR FIXED PLANTS (SEE PAGE 108-109)

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa/ Pump side	GRAFITE-CERAMICA GRAPHITE-CERAMIC
		Lato motore/ motor side	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		NBR
G	Porta motore / Motor holder		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle		
N	Base d'appoggio / Base holder		
P	Corpo pompa / Pump body		

JRVEV 80- 100 - 150 - 200





Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1 max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	3	6	9	12	15,6	18	24	25,5	27,0
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	150	200	260	300	400	425	450
JRVEX 80 M	1 x 220-240V	1,1	0,6	0,8	5,1	16	450	H (m) PRESSIONE TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.	9,5	8,0	6,7	5,5	4,2	2,4	0,6			
JRVEX 80 T	3 x 380V - 400V	0,9	0,6	0,8	2,1	---	---		9,5	8,0	6,7	5,5	4,2	2,4	0,6			
JRVEX 100 M	1 x 220-240V	1,5	0,75	1,0	6,5	20	450		10,5	8,6	7,6	6,6	5,4	4,4	3,2	0,6		
JRVEX 100 T	3 x 380V - 400V	1,3	0,75	1,0	2,6	---	---		10,5	8,6	7,6	6,6	5,4	4,4	3,2	0,6		
JRVEX 150 M	1 x 220-240V	2,2	1,1	1,5	10,4	30	---		13,0	11,4	10,4	9,4	8,4	7,0	5,4	2,5	1,6	
JRVEX 150 T	3 x 380V - 400V	1,7	1,1	1,5	3,3	---	---		13,0	11,4	10,4	9,4	8,4	7,0	5,4	2,5	1,6	
JRVEX 200 M	1 x 220V - 240V	2,4	1,5	2,0	11,5	30	450		14,0	13,0	12,0	10,8	9,8	8,4	7,4	4,0	3,4	2,4
JRVEX 200 T	3 x 380V - 400V	2,2	1,5	2,0	3,7	---	---		14,0	13,0	12,0	10,8	9,8	8,4	7,4	4,0	3,4	2,4

CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 5 .
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 50 mm

- VERSIONI:
Monofase: 220-277V / 50Hz o 220 - 277V/ 60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220 - 277V/ 50Hz o 380-480V/50 Hz e 220 - 277V/ 60Hz o 380 - 480V/ 60Hz con protezione da sovraccarico a cura dell'utente.

- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE O MANUALI SENZA GALLEGGIANTE.

- CAVO STANDARD:
Monofase: 10 metri H07RN-F (automatico - manuale).
Trifase: 10 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA

OPTIONAL:

- SISTEMI DI DISCESA DN50 PER IMPIANTI FISSI (VEDERE PAGINA 100)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 50 mm

- VERSIONS:
Single Phase: 220 – 277V / 50Hz or 220 – 277V / 60 Hz with built in thermal protection and permanent capacitor.
Three Phase: 220-277V/50 Hz or 380 – 480V / 50Hz and 220- 277V or 380 - 480V / 60Hz with overload protection care of the User.

- AUTOMATIC SINGLE PHASE VERSIONS WITH FLOATER OR MANUAL WITHOUT FLOATER.

- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F (automatic-manual).
Three Phase: 10 metres H07RN-F

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

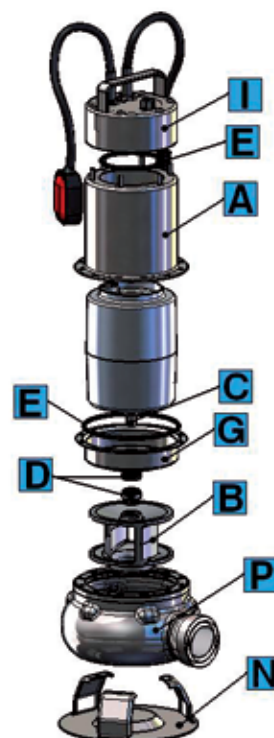
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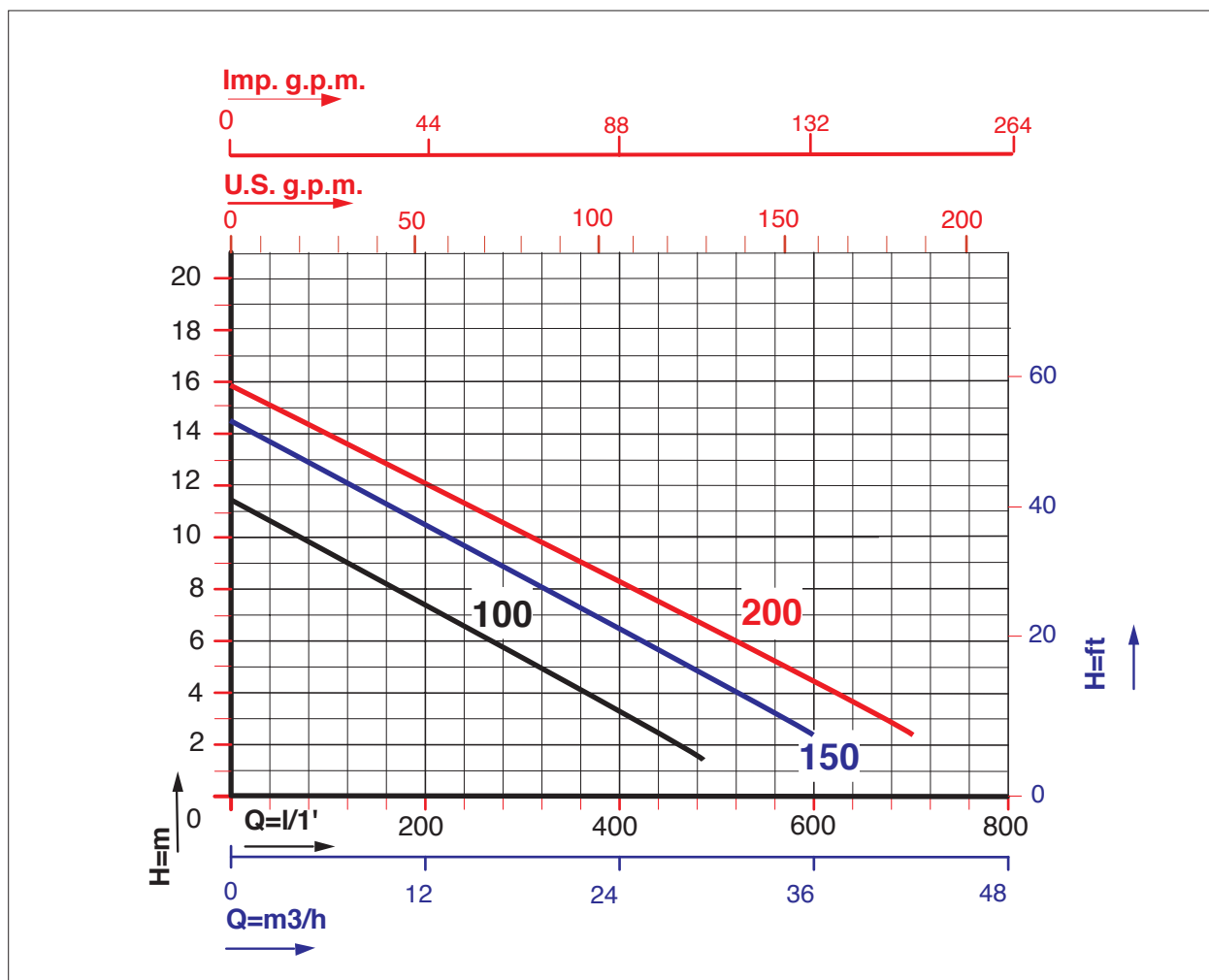
- DOWN STROKE GUIDE RAIL SYSTEMS DN50 FOR FIXED PLANTS (SEE PAGE 100)

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)		
D	Tenuta meccanica Mechanical seal	Lato pompa/ Pump side	GRAFITE - CERAMICA GRAPHITE - CERAMIC
		Lato motore/ motor side	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring		NBR
G	Porta motore / Motor holder		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle		
N	Base d'appoggio / Base holder		
P	Corpo pompa / Pump body		

JRVEV - BC 100 - 150 - 200



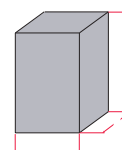
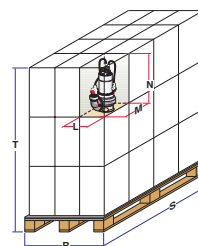
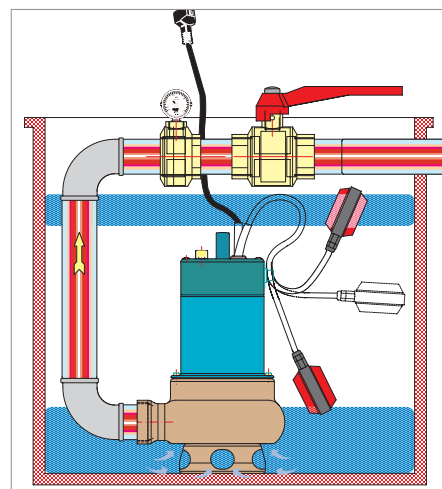
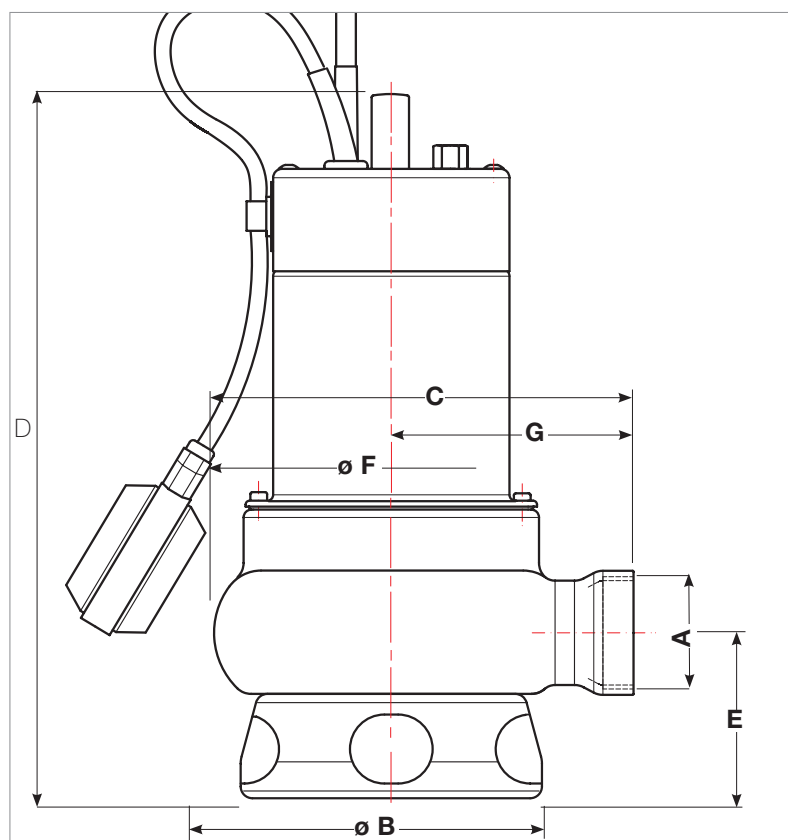


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA										
		P1max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	3	6	12	18	24	30	36	42	H (m)
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	200	300	400	500	600	700	
JRVEV BC 100 M	1 x 220-230V	1,5	0,75	1,0	7,0	20	450	H (m)	11,5	10,5	9,5	7,5	5,5	3,5	1,5			
JRVEV BC 100 T	3 x 380V - 400V	1,3	0,75	1,0	3,2	---	---		11,5	10,5	9,5	7,5	5,5	3,5	1,5			
JRVEV BC 150 M	1 x 220-230V	2,2	1,1	1,5	11,5	30	450		14,5	13,5	12,5	10,5	8,5	6,5	4,5	2,5		
JARVEV BC 150 T	3 x 380V - 400V	1,7	1,1	1,5	4,5	---	---		14,5	13,5	12,5	10,5	8,5	6,5	4,5	2,5		
JRVEV BC 200 T	3 x 380V - 400V	2,2	1,5	2,0	4,8	---	---		16,0	14,8	14,0	12,0	10,5	8,2	6,5	4,3	2,5	

PREVALENZA TOTALE IN METRI COLONNA ACQUA /
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JRVEX 80	1" 1/2	180	214	358	88	180	124
JRVEX 100	2"	180	214	358	88	180	124
JRVEX 150	2"	180	214	398	88	180	124
JRVEX 200	2"	180	214	398	88	180	124
JRVEX BC 100	2"	180	214	369	88	180	124
JRVEX BC 150	2"	180	214	409	88	180	124
JRVEX BC 200	2"	180	214	409	88	180	124

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JRVEX 80	190	230	410	10,5	800	1200	1360	60	650
JRVEX 100	190	230	410	11,5	800	1200	1360	60	715
JRVEX 150	190	230	480	13,5	800	1200	1570	60	835
JRVEX 200	190	230	480	13,5	800	1200	1570	60	835
JRVEX BC 100	190	230	480	12,5	800	1200	1570	60	775
JRVEX BC 150	190	230	480	14,5	800	1200	1570	60	895
JRVEX BC 200	190	230	480	14,5	800	1200	1570	60	895



ELETTROPOMPE SOMMERGIBILI MONOCANALI PER ACQUE CARICHE DOTATE DI CONTROFLANGIA
SUBMERSIBLE SINGLE CHANNEL ELECTRIC PUMP FOR VERY FOUL WASTE WATER, FEATURING A COUNTER FLANGE

PREVALENZA : 10,5 mt. ÷ 30,5 mt.
PORTATA : 30 m³/h ÷ 96 m³/h
POTENZA NOMINALE : 1,1 kW (1,5HP) ÷ 4,5 kW (6,0HP)
PASSAGGIO SOLIDI FINO A 60 mm.

PUMP HEAD : 10,5 mt ÷ 30,5 mt
DELIVERY : 30,0 m³/h ÷ 96,0 m³/h
RATED HORSEPOWER : 1,1 kW (1,5HP) ÷ 4,5 kW (6,0HP)
SOLID MATTER BYPASS up to 60 mm

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI E PARTI FIBROSE IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO E INDUSTRIALE

APPLICATIONS

- DECANTATION PIT, SLURRY COLLECTION PIT PUMP OUT.
- LAVATORY/FOUL WATER WITH FLOATING/NON-FLOATING SOLIDS AND FIBRE SUSPENSIDS PUMP OUT.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE TENUTA MECCANICA).
- ELETTOPOMPA A UNICA CAMERA (SOLO PER RIVER 300F - 600F)
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- DOPPIA TENUTA MECCANICA (SOLO JIVER 300F - 600F):
LATO MOTORE A BAGNO D'OLIO
LATO POMPA IN BAGNO D'ACQUA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 50 mm - JIVER 150F **a** (monocanale aperta)
60 mm - JIVER 200F **a** (monocanale aperta)
50 mm - JIVER 300F **c** (monocanale chiusa)
50 mm - JIVER 400F **c** (monocanale chiusa)
50 mm - JIVER 600F **c** (monocanale chiusa)
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 220-277V/60Hz e 380-480V/50Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE: DA 1,5 Hp a 2 Hp VERSIONI MONOFASE E TRIFASE.
DA 3 Hp a 6 Hp solo VERSIONI TRIFASE.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE fino a 1,5 HP.

VERSIONI MONOFASI da 2 Hp solo MANUALI SENZA GALLEGGIANTE.

- CAVO STANDARD: Monofase: 10 metri H07RN-F per versione normale (aut.-man).
Trifase: 10 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN80 PER IMPIANTI FISSI (VEDERE PAGINA 108-109)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- SINGLE CHAMBER ELECTRIC PUMP (ONLY FOR RIVER 300F - 600F)
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- DOUBLE MECHANICAL SEALS (ONLY FOR RIVER 300F - 600F):
ENGINE FACE: OIL BATH
PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 50 mm - JIVER 150F **a** (open single channel)
60 mm - JIVER 200F **a** (open single channel)
50 mm - JIVER 300F **c** (close single channel)
50 mm - JIVER 400F **c** (close single channel)
50 mm - JIVER 600F **c** (close single channel)
- VERSIONS: Single Phase: 220-277V/50Hz with built in thermal protection and permanent capacitor.
Three Phase: 220-277V/50Hz or 220-277V/60Hz and 380-480V/50Hz with overload protection care of the User.
- MOTOR POWER: From 1,5HP to 2HP SINGLE PHASE & THREE PHASE VERSIONS
From 3HP to 6HP Only THREE PHASE VERSIONS.
- AUTOMATIC SINGLE PHASE VERSIONS up to 1,5 HP.
SINGLE PHASE VERSIONS from 2 HP only manual, without floater.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual).
Three Phase: 10 metres H07RN-F

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND

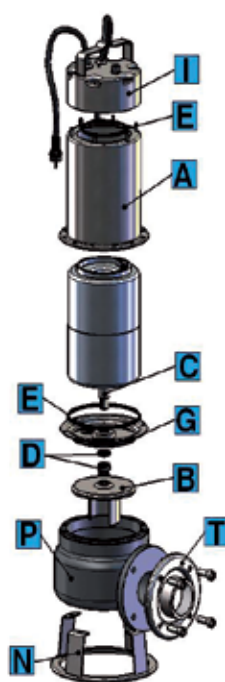
OPTIONAL:

- DOWN STROKE GUIDE RAIL SYSTEMS DN80 FOR FIXED PLANTS (SEE PAGE 108-109)

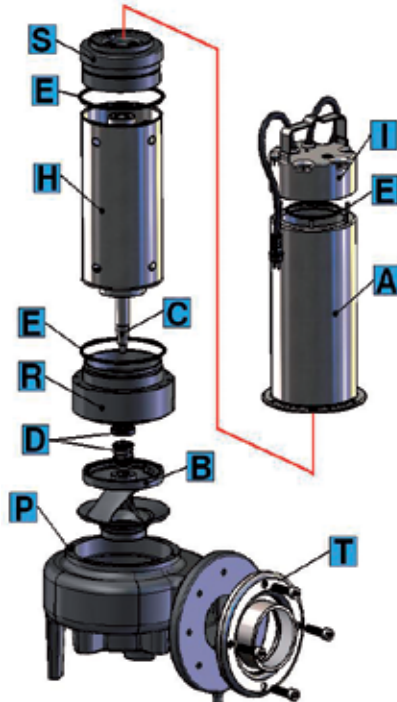
TABELLA MATERIALI / MATERIALS TABLE:

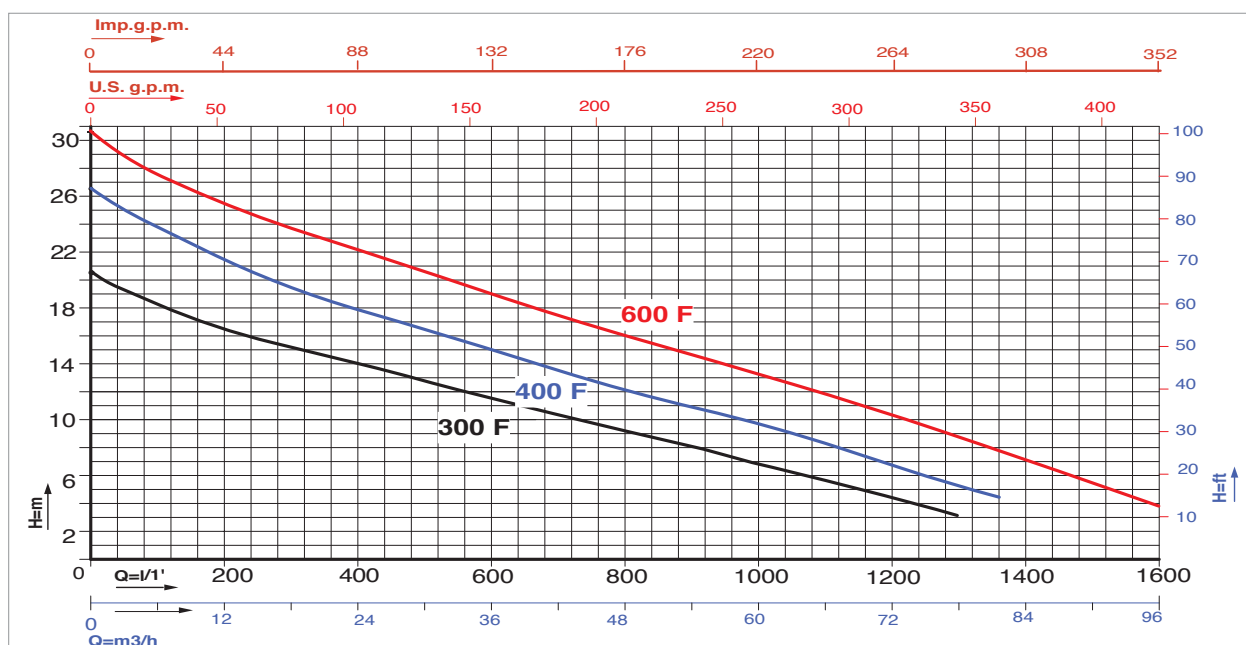
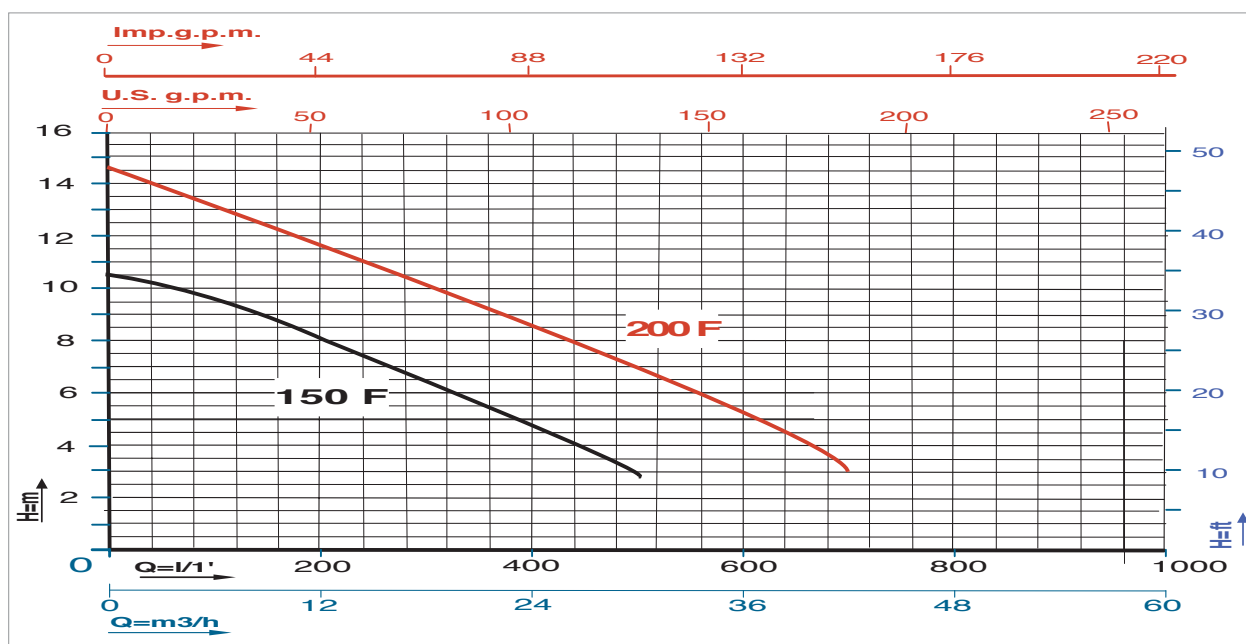
Pos.	Componente / Component			Materiale / Materials
A	Carcassa esterna / External housing			ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL
B	Girante / Impeller			GHISA (G20)/CAST IRON
C	Albero (lato pompa) / Pump body			ACCIAIO INOX AISI 316 DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump side		CARBURIO DI SILICIO-CERAMICA SILICON CARBIDE - CERAMIC
		Lato motore per Motor side for	RIVER 300F-600F	GRAFITE-CERAMICA CARBIDE-CERAMIC
			RIVER 150F-200F	ANELLO DI TENUTA NBR NBR SEAL RING
E	O-ring			NBR
G	Porta motore / Motor holder		RIVER 150F-200F	ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
H	Carcassa motore / Motor housing		RIVER 300F-600F	
I	Coperchio + maniglia / Cover + handle			
N	Base d'appoggio / Grid holder			GHISA (G20) CAST IRON
P	Corpo pompa / Pump body			
R	Flangia portamotore inferiore / Lower motor-flange			
S	Flangia portamotore superiore / Upper motor-flange			ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
T	Controflangia d'aspirazione / Suction counter-flange			

JIVER 150F ÷ 200F



JIVER 300F ÷ 600F

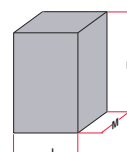
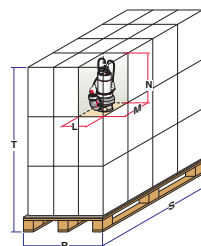
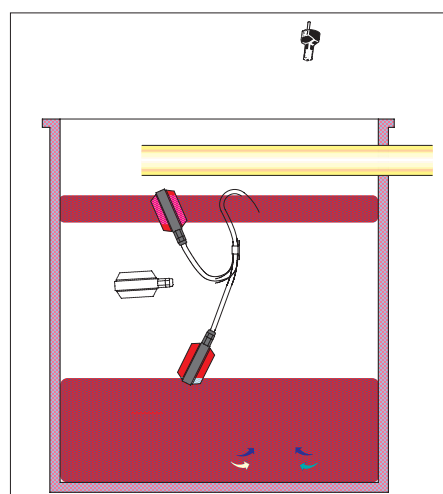
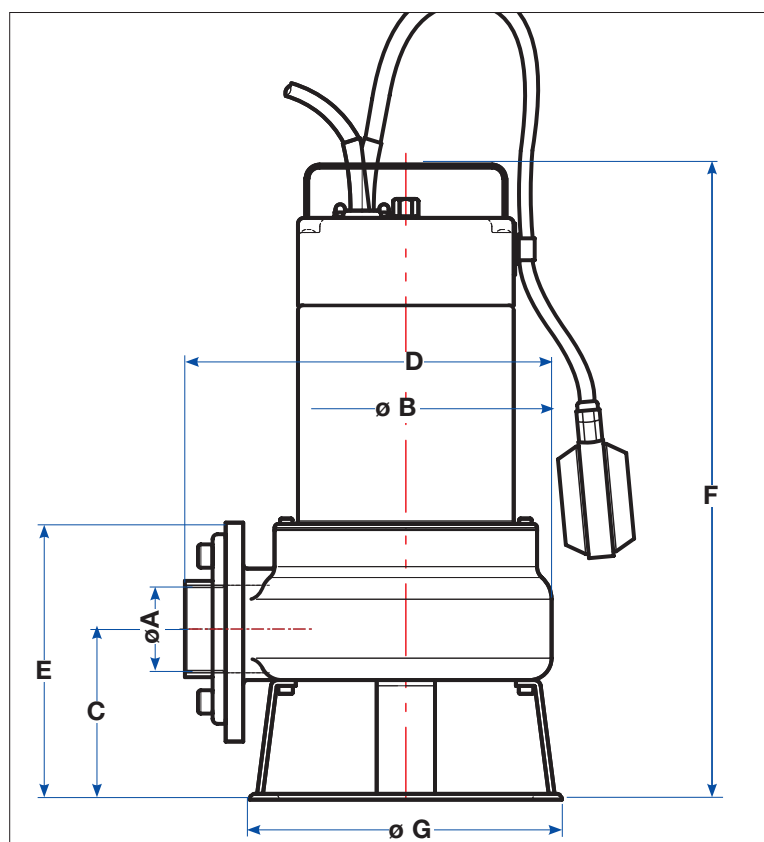




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h l/min.	0	3	15	30	39	57	75	81	96
		kW	kW	HP	Ampere	µF	VC										
JIVER 150F a M	1 x 220 - 240V	2,1	1,1	1,5	9,0	40	450	H (m) PREVALENZA TOTALE IN METRI COLONNA ACQUA TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.	10,5	9,7	6,6	2,8					
JIVER 150F a T	3 x 380V - 400V	1,8	1,1	1,5	3,2	---	---		10,5	9,7	6,6	2,8					
JIVER 200F a M	1 x 220 - 240V	2,9	1,5	2,0	13,0	50	450		14,6	13,7	10,2	5,7	3,0				
JIVER 200F a T	3 x 380V - 400V	2,6	1,5	2,0	4,6	---	---		14,6	13,7	10,2	5,7	3,0				
JIVER 300F c T	3 x 380V - 400V	3,4	2,25	3,0	6,9	---	---		20,5	18,6	15,2	12,2	10,5	6,9	3,8		
JIVER 400F c T	3 x 380V - 400V	4,0	3,0	4,0	8,1	---	---		26,5	25,0	20,5	16,5	14,3	10,4	6,0	4,6	
JIVER 600F c T	3 x 380V - 400V	5,5	4,5	6,0	9,5	---	---		30,5	28,7	24,4	20,4	18,0	13,8	9,4	7,8	3,7

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JIVER 150 F a M	2" 1/2	100	121	280,5	196	490	214
JIVER 150 F a T	2" 1/2	100	121	280,5	196	490	214
JIVER 200 F a M	2" 1/2	100	121	280,5	196	490	214
JIVER 200 F a T	2" 1/2	100	121	280,5	196	490	214
JIVER 300 F c T	3"	128	121	390	216	647	---
JIVER 400 F c T	3"	128	121	390	216	647	---
JIVER 600 F c T	3"	128	121	390	216	647	---

***..c** Monocanale chiusa / Close single channel

***..a** Monocanale aperta / Open single channel

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JIVER 150F M	260	300	530	23	800	1200	1750	36	850
JIVER 150F T	260	300	530	23	800	1200	1750	36	850
JIVER 200F M	260	300	530	28	800	1200	1750	36	1030
JIVER 200F T	260	300	530	28	800	1200	1750	36	1030
JIVER 300F T	720	400	260	53	800	1200	900	9	500
JIVER 400F T	720	400	260	54	800	1200	900	9	510
JIVER 600F T	720	400	260	55	800	1200	900	9	515

JENAX



ELETTROPOMPE SOMMERGIBILI MONOCANALI PER ACQUE CARICHE DOTATE DI CONTROFLANGIA SUBMERSIBLE SINGLE CHANNEL ELECTRIC PUMP FOR VERY FOUL WASTE WATER, FEATURING A COUNTER FLANGE

PREVALENZA : 10,5 mt. ÷ 30,5 mt.
PORTATA : 30 m³/h ÷ 96 m³/h
POTENZA NOMINALE : 1,1 kW (1,5HP) ÷ 4,5 kW (6HP)
PASSAGGIO SOLIDI FINO A 60 mm.

PUMP HEAD : 10,5 mt ÷ 30,5 mt
DELIVERY : 30,0 m³/h ÷ 96,0 m³/h
RATED HORSEPOWER : 1,1 kW (1,5HP) ÷ 4,5 kW (6,0HP)
SOLID MATTER BYPASS up to 60 mm

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI E PARTI FIBROSE IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO E INDUSTRIALE.

APPLICATIONS

- DECANTATION PIT, SLURRY COLLECTION PIT PUMP OUT.
- LAVATORY/FOUL WATER WITH FLOATING/NON-FLOATING SOLIDS AND FIBRE SUSPENSIDS PUMP OUT.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTRICITÀ A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- ELETTRICITÀ A UNICA CAMERA (SOLO PER TENAX 400F - 600F)
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- DOPPIA TENUTA MECCANICA (SOLO PER TENAX 400F - 600F):
LATO MOTORE A BAGNO D'OLIO
LATO POMPA A BAGNO D'ACQUA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO:
25°C con pompa PARZIALMENTE immersa.
35°C con pompa TOTALMENTE immersa.
- PASSAGGIO LIBERO: 50 mm - JENAX 150 F **a**
60 mm - JENAX 200F **a**
50 mm - JENAX 300F **c**
50 mm - JENAX 400F **c**
50 mm - JENAX 600F **c**
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60 Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE: DA 1,5 Hp a 2 Hp VERSIONI MONOFASE E TRIFASE.
DA 3 Hp a 6 Hp solo VERSIONI TRIFASE.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE fino a 1,5 HP.
VERSIONI MONOFASI da 2 Hp solo MANUALI SENZA GALLEGGIANTE.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man).
Trifase: 10 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN80 PER IMPIANTI FISSI
(VEDERE PAGINA 108-109)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- SINGLE CHAMBER ELECTRIC PUMP (ONLY FOR TENAX 400F - 600F)
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- DOUBLE MECHANICAL SEALS (ONLY FOR TENAX 300F):
ENGINE FACE: OIL BATH
PUMP FACE: WATER BATH
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- BY PASS SECTION: 50 mm - JENAX 150 F **a**
60 mm - JENAX 200F **a**
50 mm - JENAX 300F **c**
50 mm - JENAX 400F **c**
50 mm - JENAX 600F **c**
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
Three Phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz
or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER: From 1,5 HP to 2 HP single phase and three phase versions.
3 HP Only three phase versions.
- AUTOMATIC SINGLE PHASE VERSIONS up to 1,1 kW (1,5 HP).
SINGLE PHASE VERSIONS from 1.5 kW (2 HP) only manual, without floaters.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual).
Three Phase: 10 metres H07RN-F

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

OPTIONAL:

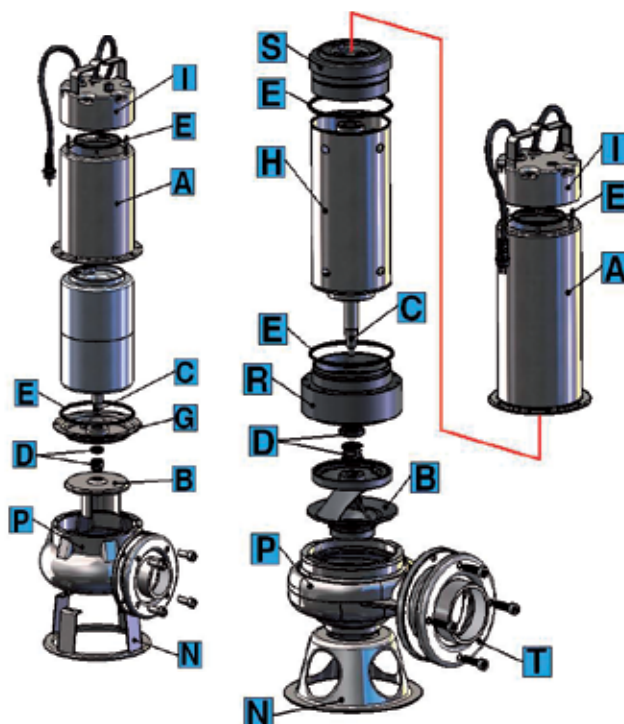
- DOWN STROKE GUIDE RAIL SYSTEMS DN80 FOR FIXED PLANTS
(SEE PAGE 108-109)

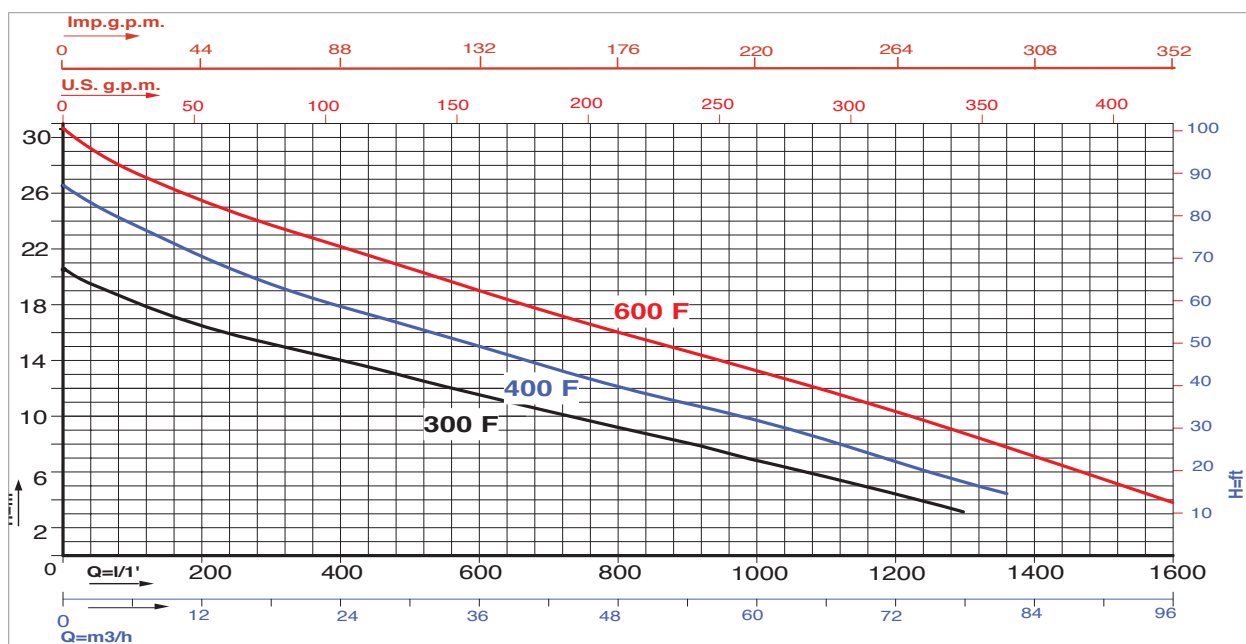
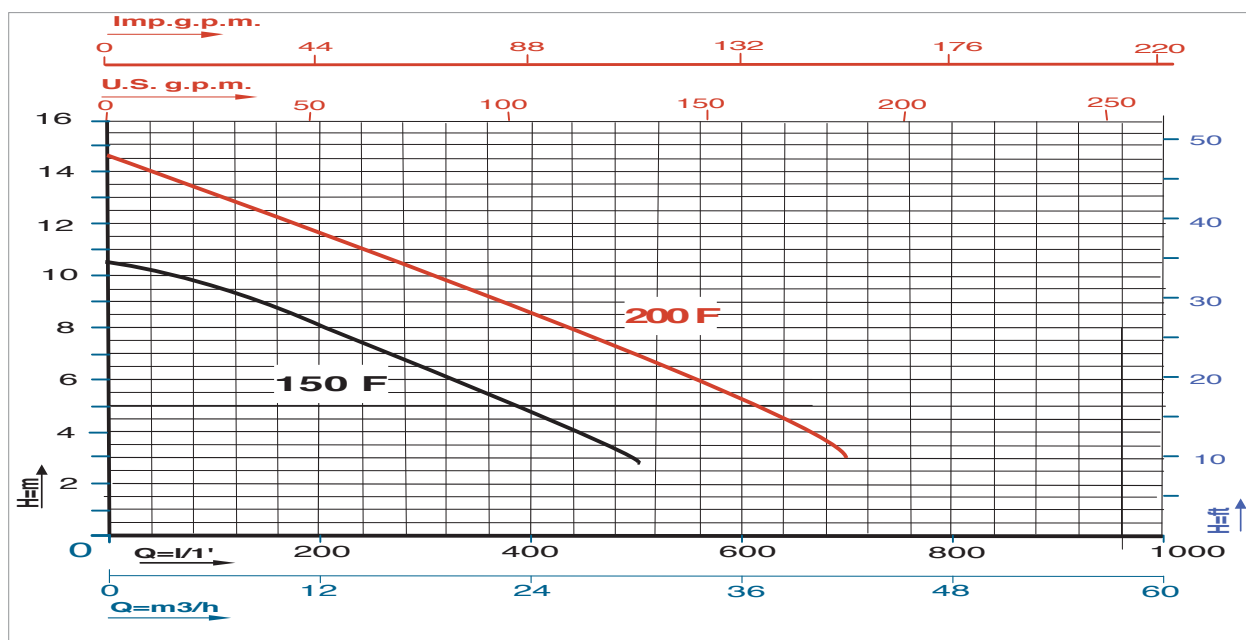
TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component	Materiale / Materials
A	Carcassa esterna / External housing	ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller	JENAX 150F-200F JENAX 300F-600F ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)	
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face CARBURO DI SILICIO-CERAMICA SILICON CARBIDE - CERAMIC Lato motore Motor face JENAX 300F-600F GRAFITE CERAMICA GRAPHITE CERAMIC JENAX 150F-200F ANELLO DI TENUTA NBR NBR SEAL RING
E	O-Ring	NBR
G	Porta motore / Motor holder	JENAX 150F-200F ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
H	Cassa motore / Motor housing	
I	Coperchio + maniglia / Cover + Handle	
N	Base d'appoggio / Grid holder	
P	Corpo pompa / Pump body	
R	Flangia portamotore inferiore / Lower motor-flange	GHISA (G20) CAST IRON
S	Flangia portamotore superiore / Upper motor flange	
T	Controflangia aspirazione / Suction counter-flange	ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL

JENAX 150F - 200F

JENAX 300F - 400F - 600F

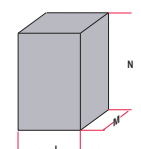
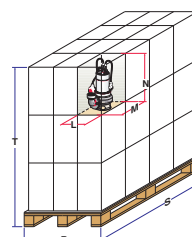
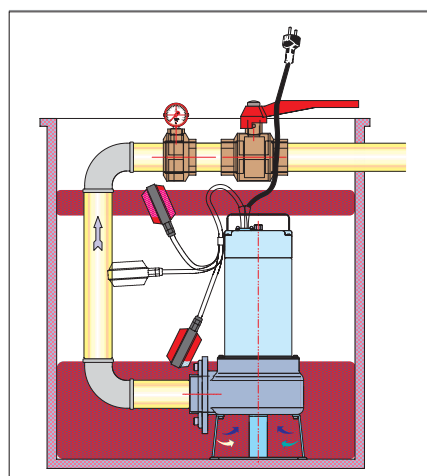
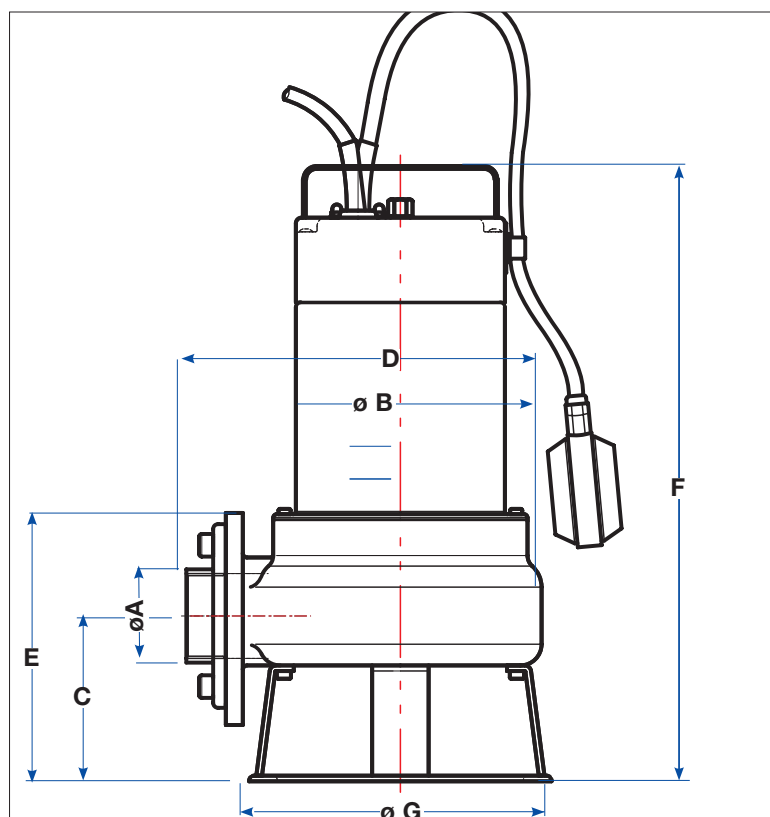




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

Modello MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1 max	P2 nom.	I max	Condensatore Capacitor			m³/h	0	3	15	30	39	57	72	81	96
	50Hz	kW	kW	HP	Ampere	µF	VC	l/min.	0	50	250	500	650	950	1200	1350	1600
JENAX 150F a M	1 x 220-240V	2,1	1,1	1,5	9,0	40	450	PRESSIONE TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.	10,5	9,7	6,6	2,8					
JENAX 150F a T	3 x 380 - 400V	1,8	1,1	1,5	3,2	---	---		10,5	9,7	6,6	2,8					
JENAX 200F a M	1 x 220-240V	2,9	1,5	2,0	13	40	450		14,5	13,7	10,2	5,7	3,0				
JENAX 200F a T	3 x 380 - 400V	2,6	1,5	2,0	4,6	---	---		14,5	13,7	10,2	5,7	3,0				
JENAX 300F c T	3 x 380 - 400V	3,4	2,25	3,0	6,9	---	---		20,5	18,6	15,2	12,2	10,5	6,9	3,8		
JENAX 400F c T	3 x 380 - 400V	4,0	3,0	4,0	8,1	---	---		26,5	25,0	20,5	16,5	14,3	10,4	6,0	4,6	
JENAX 600F c T	3 x 380 - 400V	5,5	4,5	6,0	9,5	---	---		30,5	28,7	24,4	20,4	18,0	13,8	9,4	7,8	3,7

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



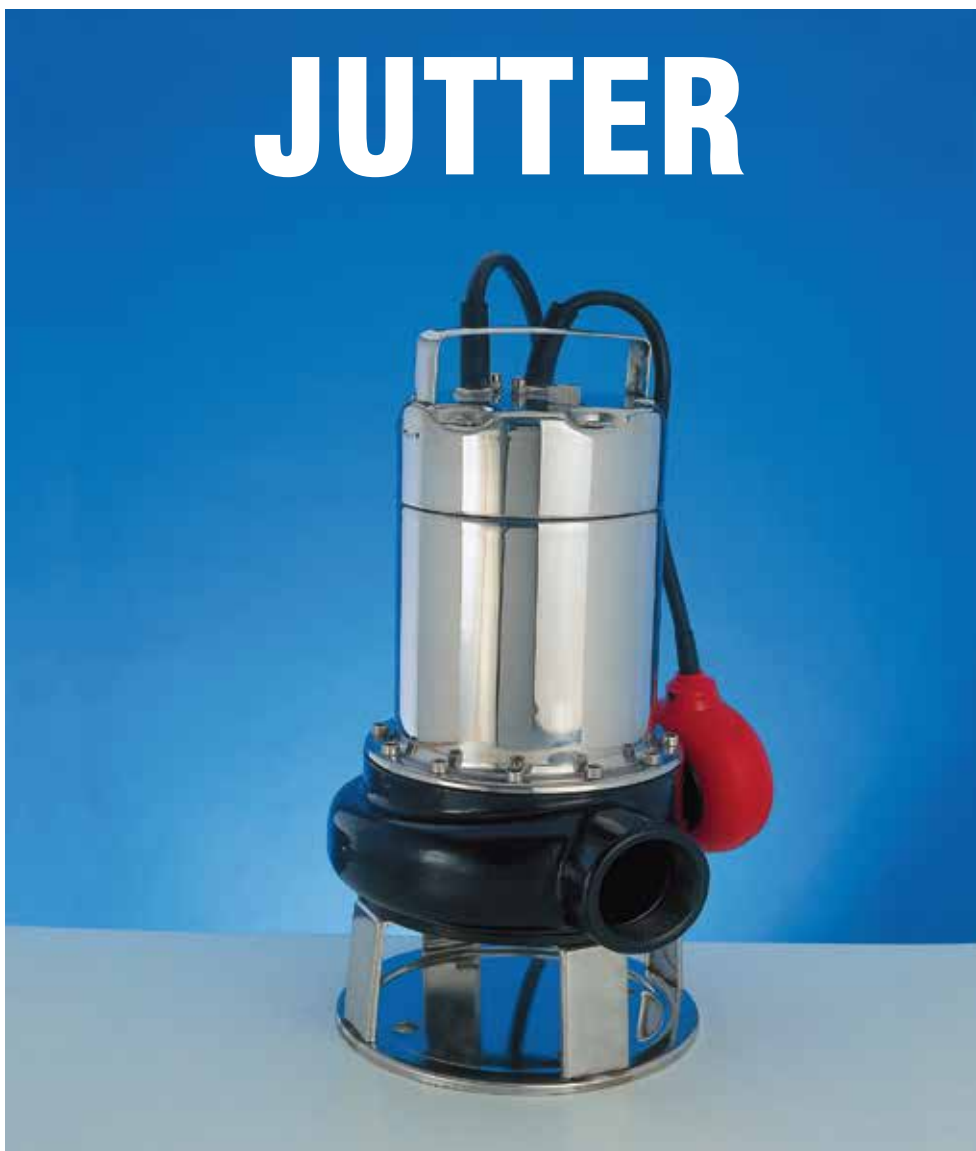
MODELLO MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JENAX 150F a M	2" 1/2	115	116,5	260	192	473	214
JENAX 150F a M	2" 1/2	115	116,5	260	192	473	214
JENAX 200F a M	2" 1/2	115	116,5	260	192	473	214
JENAX 200F a T	2" 1/2	115	116,5	260	192	473	214
JENAX 300F c T	3"	119	190	390	285	662	279
JENAX 400F c T	3"	119	190	390	285	662	279
JENAX 600F c T	3"	119	190	390	285	662	279

*..c Monocanale chiusa / Close single channel

*..a Monocanale aperta / Open single channel

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JENAX 150F a M	260	300	530	19	800	1200	1750	36	709
JENAX 150F a T	260	300	530	19	800	1200	1750	36	709
JENAX 200F a M	260	300	530	22,5	800	1200	1750	36	835
JENAX 200F a T	260	300	530	22,5	800	1200	1750	36	835
JENAX 300F c T	720	400	260	28	800	1200	900	9	280
JENAX 400F c T	720	400	260	33	800	1200	900	9	325
JENAX 600F c T	720	400	260	37	800	1200	900	9	360

JUTTER



ELETTROPOMPE SOMMERGIBILI TRITURATRICI PER ACQUE SPORCHE E CARICHE **SUBMERSIBLE ELECTRIC GRINDER PUMPS FOR FOUL AND HEAVY WASTE WATER**

PREVALENZA : 16,5 mt. ÷ 23,5 mt.
PORTATA : 9 m³/h ÷ 21 m³/h
POTENZA NOMINALE : 1,1 kW (1,5HP) ÷ 2,25 kW (3HP)

PUMP HEAD : 16,5 mt ÷ 23,5 mt
DELIVERY : 9,0 m³/h ÷ 21,0 m³/h
RATED HORSEPOWER : 1,1 kW (1,5HP) ÷ 2,25 kW (3,0HP)

APPLICAZIONI

- POMPAGGIO E TRITURAZIONE DI ACQUE LURIDE CON CORPI SOLIDI E PARTI FIBROSE
- SVUOTAMENTO DI FOSSE DI DECANTAZIONE POZZI NERI POZZI DI RACCOLTA LIQUAMI
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO E INDUSTRIALE

APPLICATIONS

- GRINDING AND PUMP OUT OF LAVATORY/FOUL WATER WITH FLOATING SOLIDS AND FIBRE SUSPENSIDS.
- DECONTATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. (ESCLUSA CUTTER 140)
LATI POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO: 25°C PARZIALMENTE immersa
35°C TOTALMENTE immersa
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito. (CUTTER 140)
Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE: DA 1,5 Hp a 2 Hp VERSIONI MONOFASE E TRIFASE.
DA 3 Hp solo VERSIONI TRIFASE.
- VERSIONI MONOFASI AUTOMATICHE SOLO FINO A 1,5 HP.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F completa di quadro elettrico con spezzone 0,7 metri senza spina.
Trifase: 10 metri H07RN-F.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN50 PER IMPIANTI FISSI (VEDERE PAGINA 100)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. (ESCLUIDE CUTTER 140)
PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE:
25°C with PARTIALLY submerged pump.
35°C with TOTALLY submerged pump.
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor. (CUTTER 140)
Three Phase: 22-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER: From 1,5 HP to 2 HP single phase and three phase versions.
From 3 HP only three phase versions.
- AUTOMATIC SINGLE PHASE VERSIONS ONLY UP TO 1.5 HP.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F complete with power supply box 0,7m cable section, without connection plug.
Three Phase: 10 metres H07RN-F.

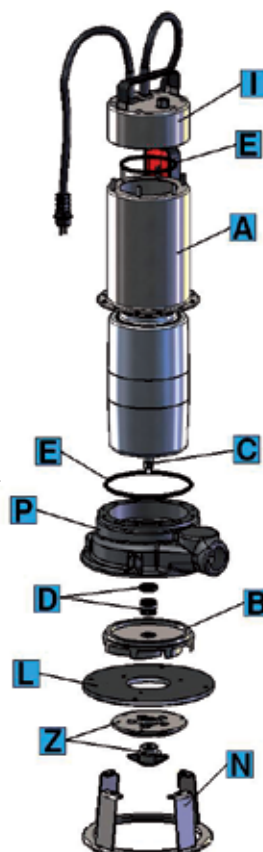
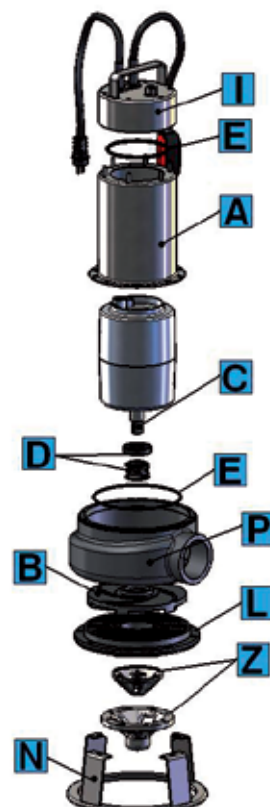
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

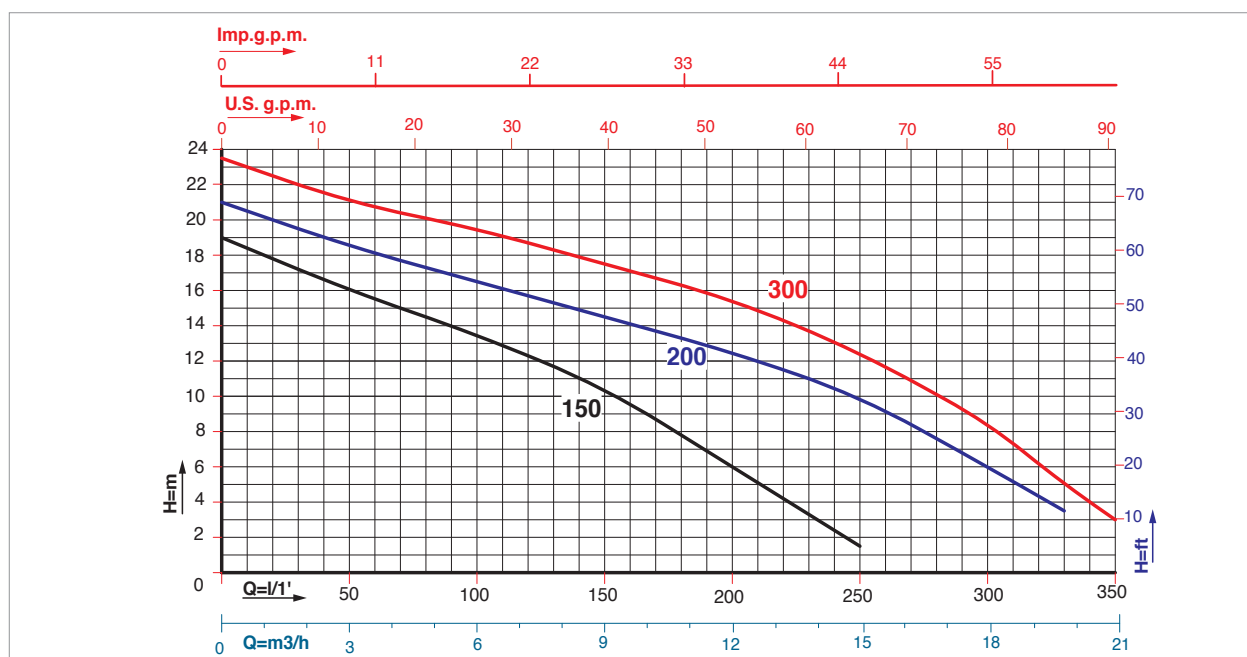
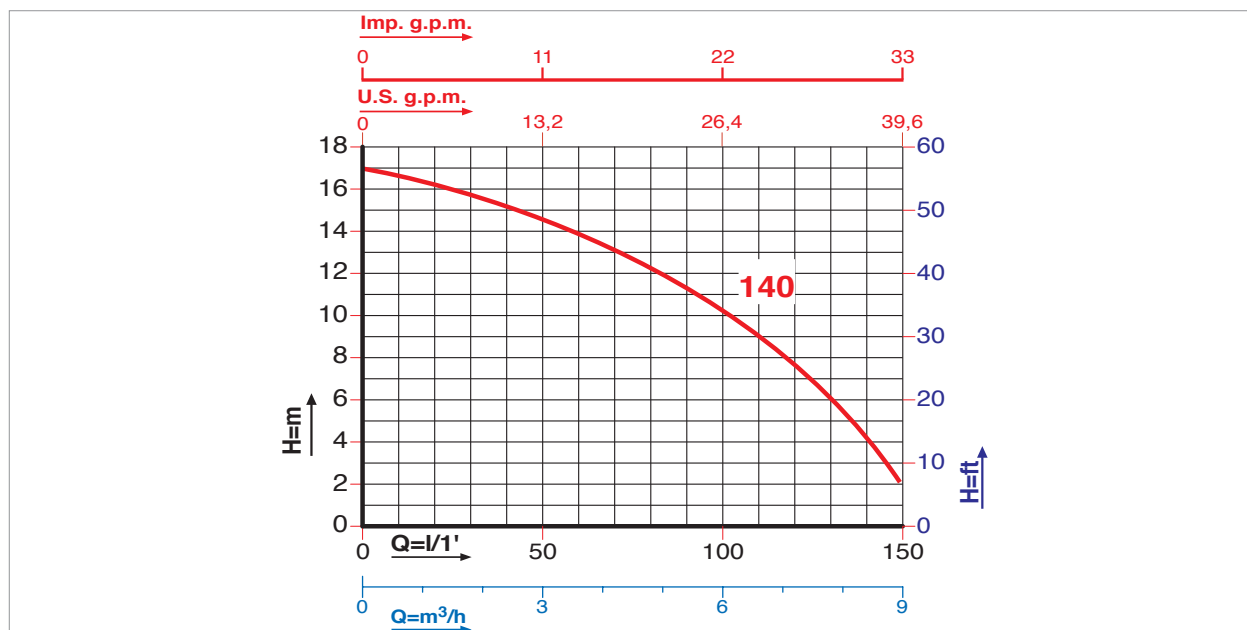
OPTIONAL:

- DOWN STROKE GUIDE RAIL SYSTEMS DN50 FOR FIXED PLANTS (SEE PAGE 100)

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component			Materiale / Materials
A	Carcassa esterna / External housing			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller			GHISA G20 / CAST IRON
C	Albero (lato pompa) / Shaft (pump side)			ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato pompa / Pump face		CARBURO DI SILICIO-CERAMICA SILICON CARBIDE-CERAMIC
		Lato motore Motor face	JUTTER 140	ANELLO DI TENUTA NBR NBR SEAL RING
			JUTTER 150-200-300	GRAFITE - CERAMICA GRAPHITE - CERAMIC
E	O-Ring			NBR
I	Coperchio + maniglia / Cover + handle			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
L	Diffusore /Pump body			GHISA (G20) CAST IRON
P	Corpo pompa / Pump body			
N	Base d'appoggio / Grid holder			ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
Z	Sistema tritratore / Grinder system			ACCIAIO INOX AISI 440C - DIN 1.4125 STAINLESS STEEL

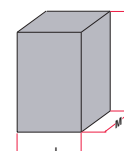
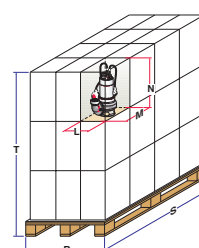
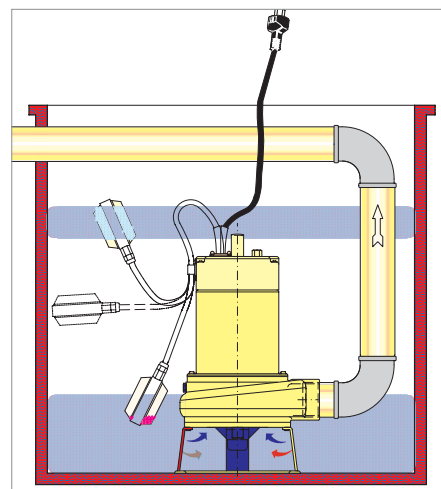
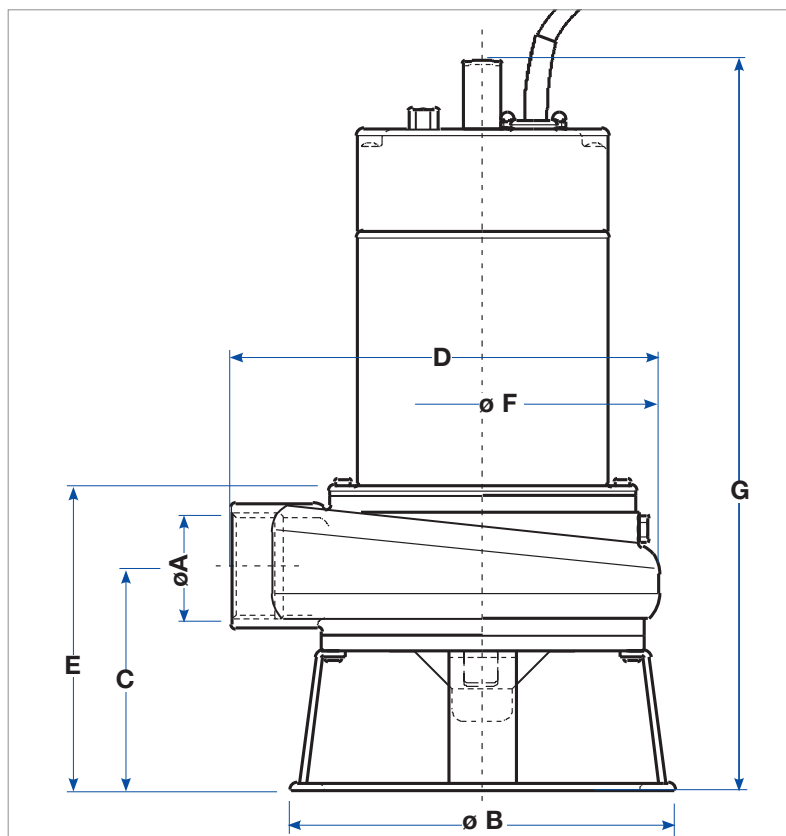
JUTTER 140

JUTTER 150-200-300




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $p = 1,0 \text{ kg/dm}^3$ ed una viscosità $v = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $p = 1,0 \text{ kg/dm}^3$ density and a $v = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1 max		P2 nom.		I max	Condensatore Capacitor										
		kW	kW	HP	Ampere			m³/h	0	3	6	9	12	15	18	19,8	21
JUTTER 140 M	1 x 220-230V	1,6	1,1	1,5	7,1	30	450	l/min.	0	50	100	150	200	250	300	330	350
JUTTER 140 T	3 x 380-400V	1,3	1,1	1,5	3,0	---	---	H (m)	17,0	14,5	10,0	2,0					
JUTTER 150 M	1 x 220-230V	2,2	1,1	1,5	10,5	80	450	PREVALENZA TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.	17,0	14,5	10,0	2,0					
JUTTER 150 T	3 x 380-400V	2,0	1,1	1,5	4,0	---	---		19,0	16,0	13,5	10,5	6,0	1,5			
JUTTER 200 M	1 x 220-230V	2,9	1,5	2,0	13,0	80	450		19,0	16,0	13,5	10,5	6,0	1,5			
JUTTER 200 T	3 x 380-400V	2,5	1,5	2,0	4,5	---	---		21,0	18,5	16,5	14,5	12,5	10,0	6,0	3,5	
JUTTER 300 T	3 x 380-400V	3,4	2,25	3,0	6,0	---	---		21,0	18,5	16,5	14,5	12,5	10,0	6,0	3,5	
									23,5	21,0	19,5	17,5	15,5	12,5	8,5	5,0	3,0

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.						
	A	B	C	D	E	F	G
JUTTER 140 M	1" 1/2	225	102,5	213,5	126	156	356
JUTTER 140 T	1"1/2	225	102,5	213,5	126	156	356
JUTTER 150 M	2"	225	131,5	260	165	215	425
JUTTER 150 T	2"	225	131,5	260	165	215	425
JUTTER 200 M	2"	225	131,5	260	165	215	425
JUTTER 200 T	2"	225	131,5	260	165	215	425
JUTTER 300 T	2"	225	131,5	260	165	215	425

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JUTTER 140 M	260	320	340	21	800	1200	1400	36	771
JUTTER 140 T	260	320	340	21	800	1200	1400	36	771
JUTTER 150 M	260	300	530	25,5	800	1200	1750	36	933
JUTTER 150 T	260	300	530	25,5	800	1200	1750	36	933
JUTTER 200 M	260	300	530	28,5	800	1200	1750	36	1050
JUTTER 200 T	260	300	530	28,5	800	1200	1750	36	1050
JUTTER 300 T	260	300	530	29	800	1200	1750	36	1070

JOXY



ELETTROPOMPE SOMMERGIBILI MULTISTADIO VERTICAL SUBMERSIBLE SINGLE-BLOCK MULTISTAGE

PREVALENZA : 38,0 mt.
PORTATA : 6,5 m³/h
POTENZA NOMINALE : 0,6 kW (0,85 HP)

PUMP HEAD : 38,0 mt
DELIVERY : 6,5 m³/h
RATED HORSEPOWER : 0,6 kW (0,65 HP)

APPLICAZIONI

- SVUOTAMENTO DA ACQUE PIOVANE, D'INFILTRAZIONE, DI POZZETTI O VASCHE DI RACCOLTA.
- PRELIEVO DA VASCHE DI RACCOLTA DI ACQUE PIOVANE PER PICCOLE IRRIGAZIONI A SCORRIMENTO DI ORTI E DI GIARDINI.
- TRAVASO DI ACQUA CHIARA DA SERBATOI E VASCHE.

APPLICATIONS

- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT
- GARDEN AND VEGETABLE-GARDEN MINI FLOOD IRRIGATION SYSTEM RAINWATER CATCH TANK PUMP DOWN.
- WHITE WATER PUMP OVER FROM RESERVOIRS AND VATS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A SECCO RAFFREDDATO DAL LIQUIDO POMPATO
- DOPPIA TENUTA MECCANICA: DOPPIO ANELLO DI TENUTA LATO MOTORE, TENUTA MECCANICA A BAGNO D'OLIO LATO POMPA
- IMMERSIONE MASSIMA: mt. 10.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C
- VERSIONI: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man).

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

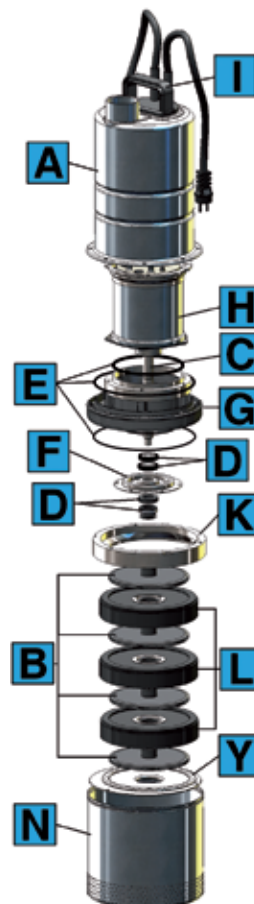
- SEMI WET MOTOR WATERCOOLED
- DOUBLE MECHANICAL SEAL: DOUBLE SEAL RING -ENGINE FACE
OIL BATH MECHANICAL SEALS PUMP FACE
- PERMISSIBLE DRAUGHT OF WATER: 10 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C
- VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.
- STANDARD CABLE FEATURES:
Single phase :10 metres H07RN-F for the standard version (automatic-manual).

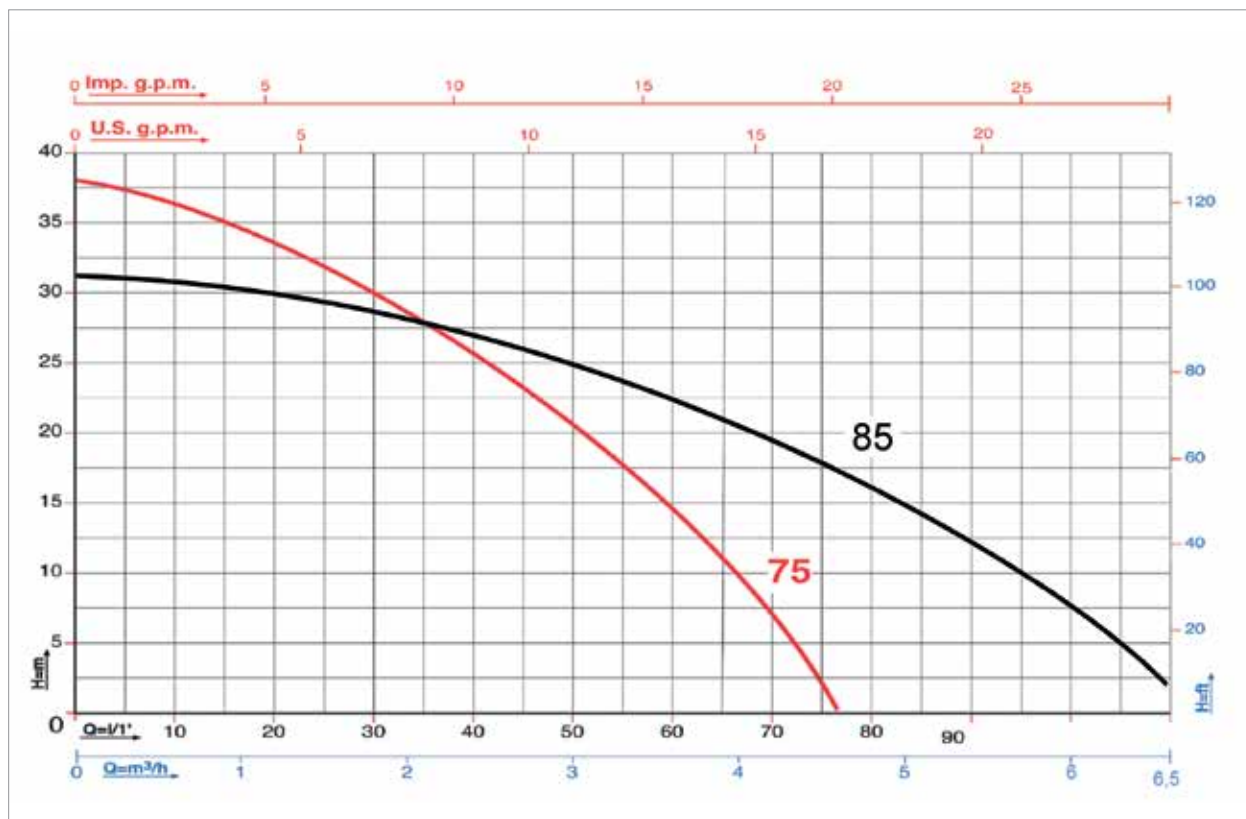
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI - MATERIALS TABLE:

Pos.	Componente -Component	Materiale - Materials
A	Carcassa esterna / External motor housing	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
B	Girante / Impeller	TECNOPOLIMERO TECNOPOLYMER
C	Albero (lato pompa) / Shaft (pump side)	ACCIAIO INOX AISI 303 - DIN 1.4005 / STAINLESS STEEL
D	Tenuta meccanica Mechanical seal	Lato motore / Motor face DOPPIO ANELLO DI TENUTA NBR NBR DOUBLE SEALING RING
		Lato pompa / Pump face GRAFITE-CERAMICA GRAPHITE - CERAMIC
E	O-ring	NBR
F	Porta tenuta / Seal holder	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
G	Porta motore / Motor holder	TECNOPOLIMERO TECNOPOLYMER
H	Cassa motore / Motor housing	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / Cover	TECNOPOLIMERO TECNOPOLYMER
K	Distanziale / Spacer	NORYL
L	Diffusori / Diffusers	TECNOPOLIMERO TECNOPOLYMER
N	Base d'aspirazione / Suction base	ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
Y	Piatto diffusori / Diffusers plate	FERRO / STEEL

JOXI 75 - 85



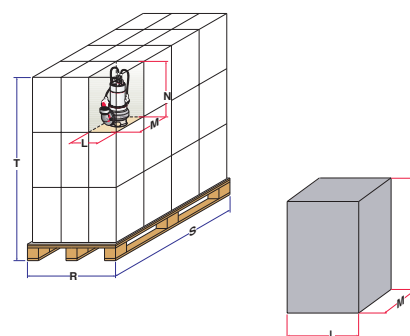
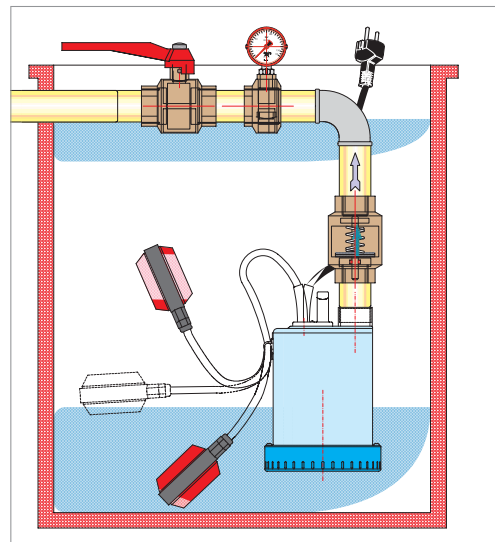
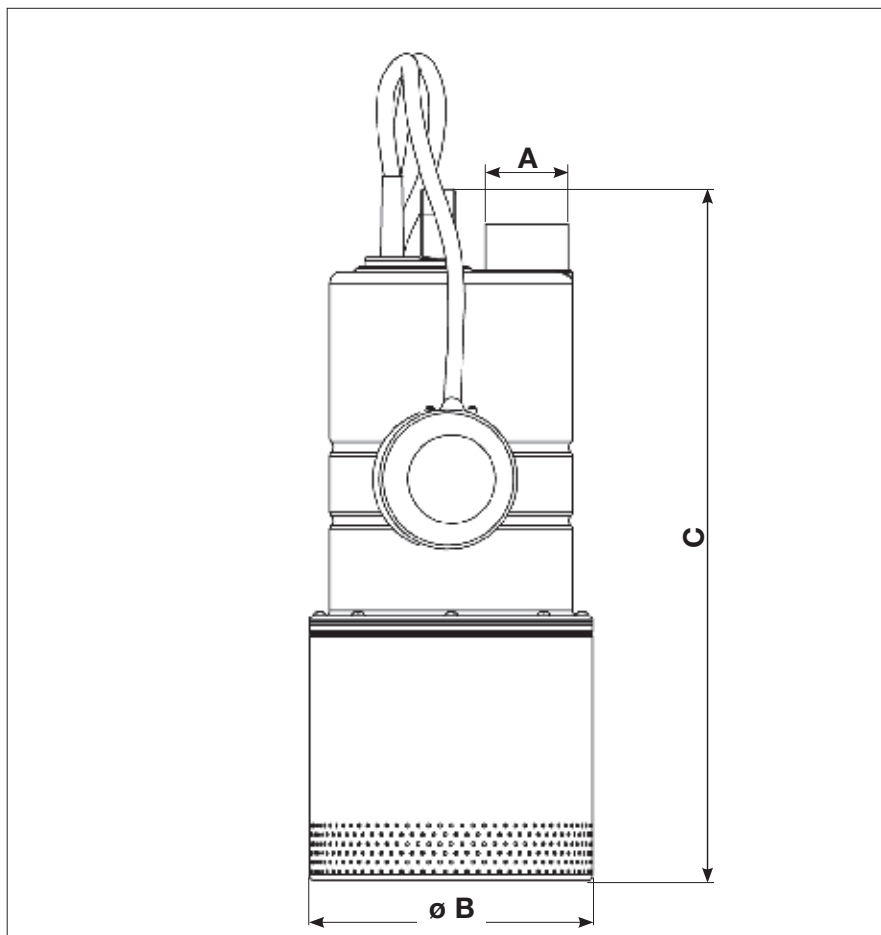


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	1,0	2,0	3,0	4,0	4,5	5,0	6,0	6,5
		kW	kW	HP	Ampere	µF	VC	l/min.	0	16	33	50	67	75	83,4	100	108,4
JOXI 75 M	1 x 220-230V	0,95	0,55	0,75	4,2	16,0	450	H (m)	38,0	34,0	28,5	20,5	10,0	3,0			
JOXI 85 M	1 x 220-230V	1,05	0,6	0,85	5,0	16,0	450	H (m)	31,0	30,0	28,0	25,0	20,0	17,5	15,0	7,5	2,5

PREVALENZA TOTALE in METRI COLONNA ACQUA
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI E PESI / SIZE AND WEIGHT DATA :



MODELLO / MODEL	DIMENSIONE POMPA in mm. / PUMP DIMENSION in mm.		
	DNM	A	B
JOXY 75 M	1" 1/4	154	376,5
JOXY 85 M	1" 1/4	154	376,5

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS					
	L mm	M mm	N mm	PESO/Weight kg	R mm	S mm	T mm	nr. scatole/cartoons	Peso/ Weight Kg	
JOXY 75 M	220	290	415	8,0	800	1200	1810	80	655	
JOXY 85 M	220	290	415	8,0	800	1200	1810	80	655	

JRV.RX



ELETTROPOMPE SOMMERGIBILI MONOBLOCCO MULTISTADIO VERTICALI, PER POZZI DA 5"
VERTICAL SUBMERSIBLE SINGLE BLOCK MULTI STAGE ELECTRIC PUMPS, FOR 5 INCH WELLS

PREVALENZA : 34 mt. ÷ 88 mt.
PORTATA : 5,4 m³/h
POTENZA NOMINALE : 0,6 kW (0,8 HP) ÷ 1,5 kW (2,0 HP)

PUMP HEAD : 34 mt ÷ 88 mt
DELIVERY : 5,4 m³/h
RATED HORSEPOWER : 0,6 kW (0,8 HP) ÷ 2,5 kW (2,0 HP)

APPLICAZIONI

- IMPIANTI PER LA MOVIMENTAZIONE DI ACQUE NEI SETTORI CIVILE ED INDUSTRIALE
- IMPIANTI DI PRESSURIZZAZIONE.
- IMPIANTI DI APPROVVIGIONAMENTO IDRICO DA VASCHE DI PRIMA RACCOLTA, POZZI DA 5", POZZI ROMANI, BACINI E CORSI D'ACQUA.
- IRRIGAZIONE A PIOGGIA.

APPLICATIONS

- CIVIL AND INDUSTRIAL WATERS HANDLING PLANTS
- PRESSURISATION PLANTS.
- WATER SUPPLY FROM RAIN WATER TANKS OR RESERVOIRS, 5" WELLS, ROMAN WELLS, BASINS AND WATERCOURSES.
- SPRINKLER SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- IMMERSIONE MASSIMA: mt. 20.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: B.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- VERSIONI: Monofase: 220-230V/50Hz con protettore termico incorporato e quadro elettrico in materiale plastico completo di condensatore e interruttore
- CAVO STANDARD:
Monofase: 20 metri H05WF

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

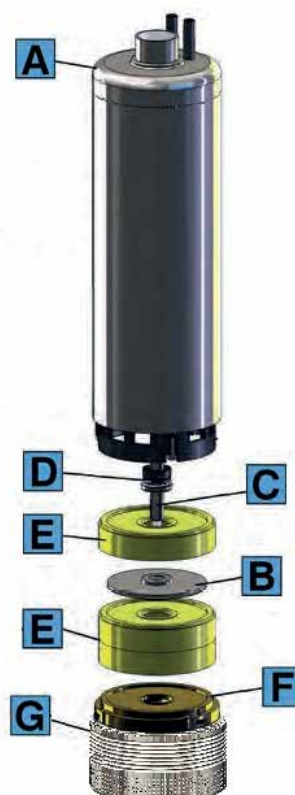
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- PERMISSIBLE DRAUGHT OF WATER: 20 m
- IP 68 PROTECTION CLASS.
- CLASS "B" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C
- VERSIONS: Single Phase: 220-230V/50Hz with built in thermal and plastic casing power supply box comprising capacitor and switch.
- STANDARD CABLE FEATURES:
Single Phase: 20 metres H05WF

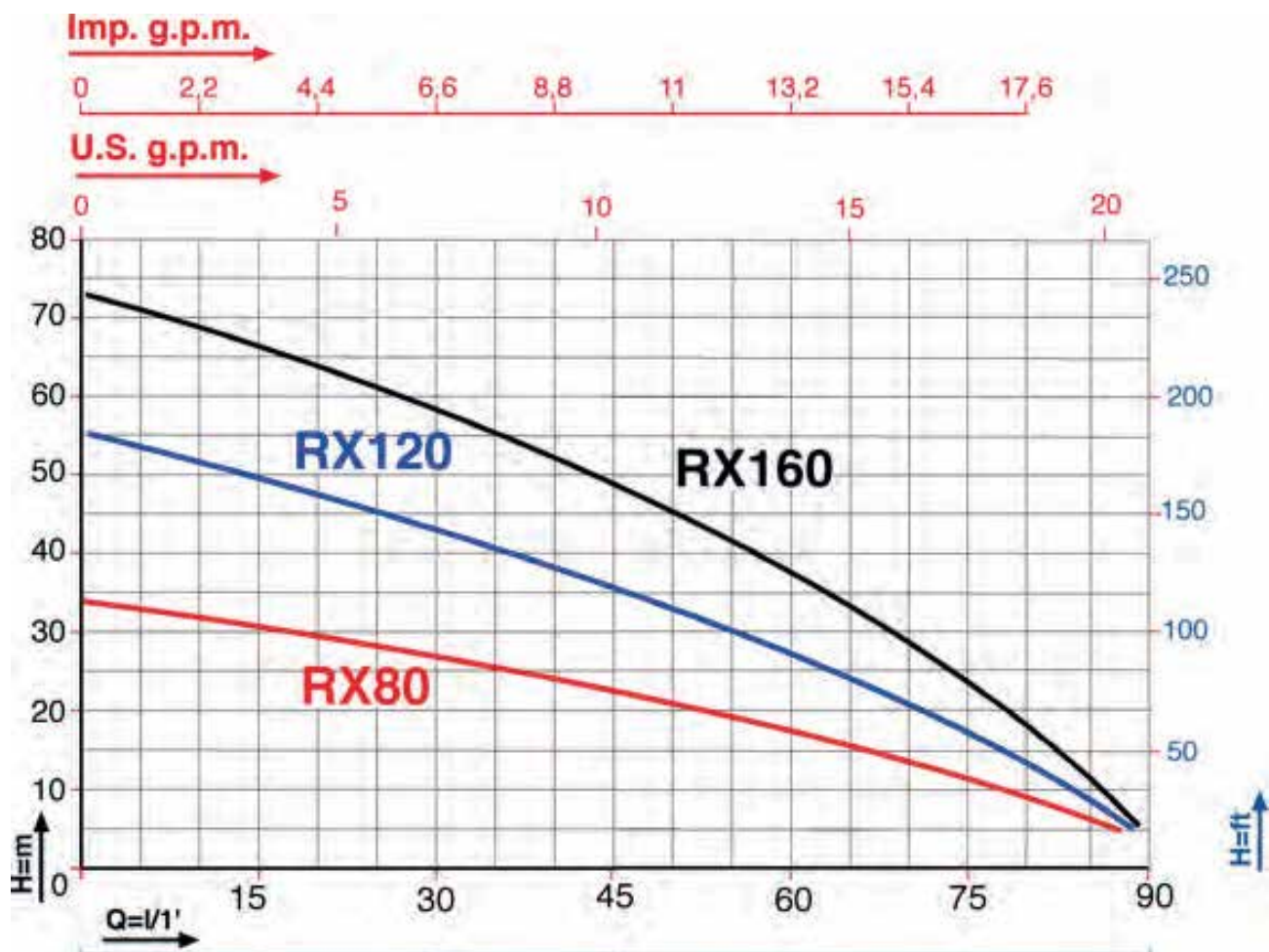
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente - Component	Materiale - Materials
A	Cassa esterna / External motor housing	ACCIAIO INOX / STAINLESS STEEL
B	Girante / Impeller	TECNOPOLIMERO / TECHNOPOLYMER
C	Albero (lato pompa) / Shaft (pump face)	ACCIAIO INOX / STAINLESS STEEL
D	Tenuta meccanica (lato pompa) / Mechanical seal (pump face)	GRAFITE ALLUMINA / GRAPHITE ALLUMINA
E	Diffusore / Diffuser	TECNOPOLIMERO / TECHNOPOLYMER
F	Convogliatore / Conveyor	GHISA / CAST IRON
G	Base d'aspirazione / Selection base	ACCIAIO INOX AISI304 / STAINLESS STEEL

ARV.RX 80 - 120-160

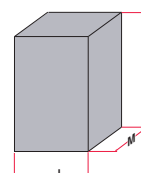
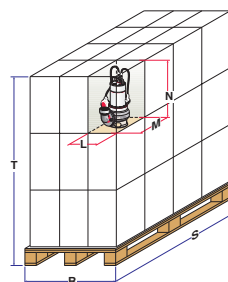
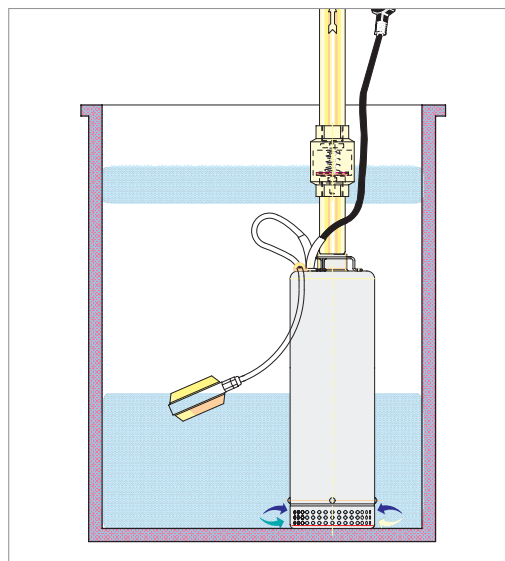
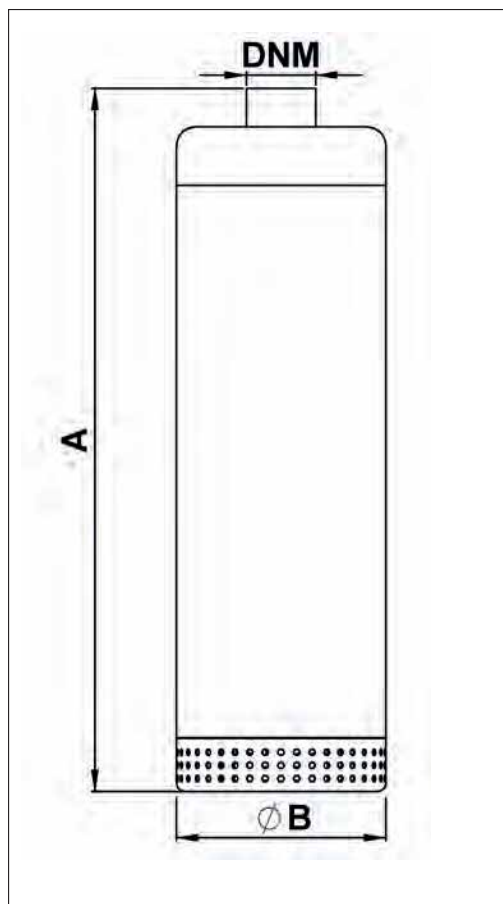




MODELLO MODEL	VOLTAGGIO VOLTAGE 50 HZ							DATI IDRAULICI/ HYDRAULIC DATA										
		P1 max	P2 nom.		1 max	condensatore capacitor		m ³ /h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4
			kw	kw	HP	Ampere	µF	VC	l/m	0	10	20	30	40	50	60	70	80
JRV.RX.80 M	1 X 220 -230 V	1,0	0,6	0,8	4	20	450	H/(m)	34	32	29	27	24	21	17	14	9	5
JRV.RX.120 M	1 X 220 -230 V	1,5	0,9	1,2	6	31,5	450		55	51	47	43	39	34	27	21	14	5
JRV.RX.160 M	1 X 220 -230 V	1,9	1,2	1,6	8	40	450		73	68	64	58	52	45	37	28	17	5
PRELEVANZA TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.																		

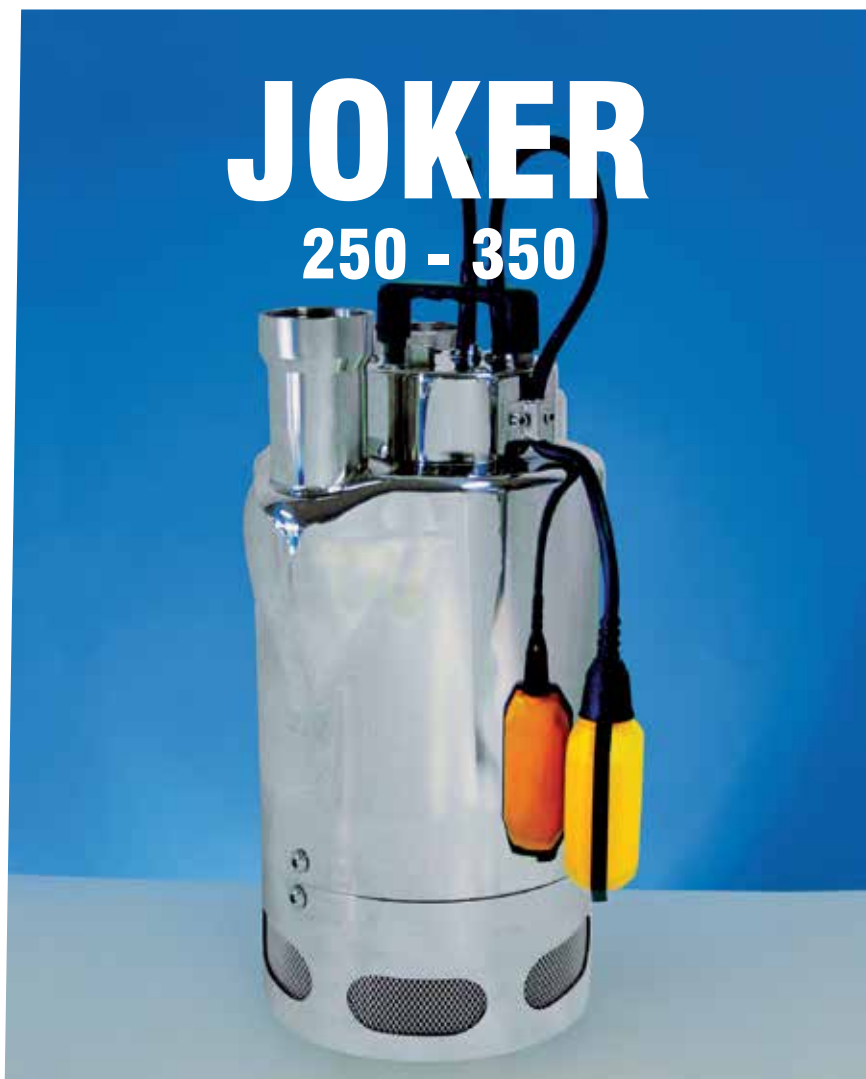
PRELEVANZA TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.		
	DNM	A	B
JRV.RX 80	1" 1/4	425	127
JRV.RX 120	1" 1/4	495	127
JRV.RX 160	1" 1/4	560	127

MODELLO MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/cartons	Peso / Weight Kg
JRV.RX 80	210	650	180	11,0	800	1200	1375	35	410
JRV.RX 120	210	670	240	14,0	800	1200	1375	35	515
JRV.RX 160	210	670	240	15,0	800	1200	1375	35	550



ELETTROPOMPE SOMMERGIBILI MULTISTADIO VERTICALI PER POZZI DA 8 E 10 POLLICI
VERTICAL SUBMERSIBLE MULTI STAGE ELECTRI PUMPS FOR 8 AND 10 INCH WELLS

PREVALENZA : 35,0 mt. ÷ 45,0 mt.
PORTATA : 18 m³/h
POTENZA NOMINALE : 1,1 kW (1,5HP) ÷ 1,8 kW (2,5HP)

PUMP HEAD : 35,0 mt ÷ 45,0 mt
DELIVERY : 18,0 m³/h
RATED HORSEPOWER : 1,1 kW (1,5HP) ÷ 1,8 kW (2,5HP)

APPLICAZIONI

- PARTICOLARMENTE INDICATE NEL SETTORE AGRICOLO PER IRRIGAZIONE, POMPAGGIO DI ACQUA DA VASCHE O SERBATOI DI PRIMA RACCOLTA, POZZI DA 8 A 10 POLLICI POCO PROFONDI 10-20 MT, BACINI E CORSI D'ACQUA.
- MOVIMENTAZIONE NEL SETTORE INDUSTRIALE DI ACQUE DI RAFFREDDAMENTO E DI ALIMENTAZIONE E SCARICO.
- PRESSURIZZAZIONE CON POMPA INSERITA NEL SERBATOIO O POZZO

APPLICATIONS

- PARTICULARLY SUITED TO THE AGRICULTURAL AND FARMING SECTORS FOR IRRIGATION PURPOSES, FOR CATCH TANK AND RESERVOIR CATCH-WATER PUMP OUT, FROM 8 TO 10 INCH WELL, WITH 10-20 MT DEEP, WATER BASIN AND WATER DRAIN FLOW PUMP OUT.
- FOR INDUSTRIAL COOLING, FEED-IN AND DISCHARGE WATER HANDLING.
- FOR PRESSURISATION, WITH TANK OR WELL PUMP INCLUSION.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
 - DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
 - IMMERSIONE MASSIMA: 20 mt
 - GRADO DI PROTEZIONE IP 68.
 - CLASSE DI ISOLAMENTO: F.
 - TEMPERATURA MAX. LIQUIDO POMPATO: 35°C .
 - PASSAGGIO LIBERO: PULITO.
 - MONOFASE 220 - 277V/50Hz o 220 - 277V / 60 Hz :
 - con protettore termico incorporato e condensatore permanentemente inserito. (HP 1,5)
 - con protettore termico incorporato e quadro elettrico in materiale plastico completo di condensatore e interruttore. (HP 2,5)
 - TRIFASE 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
 - CAVO STANDARD:
 - Monofase: 10 metri H07RN-F senza spina.
 - 10 metri H07RN-F completa di quadro elettrico con spezzone cavo 0,7 metri senza spina.
 - Trifase: 10 metri H07RN-F senza spina.
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO DI GALLEGGIANTE ELETTROMECCANICO.
- GALLEGGIANTE 10-20 mt. DI CAVO.
- RACCORDI E PORTA GOMMA RAPIDI DA 2" e 3" IN ALLUMINIO RAPIDO.

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC OIL) FOR COOLING AND BEARING LUBRICATION.
 - DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
 - PERMISSIBLE DRAUGHT OF WATER: 20 mt
 - IP 68 PROTECTION CLASS.
 - CLASS "F" INSULATION.
 - MAX. PUMPED LIQUID TEMPERATURE: 35°C
 - BY PASS SECTION: CLEAN
 - SINGLE PHASE 220 - 277V/50Hz or 220 - 277V / 60 Hz:
 - with built in thermal protection and permanent capacitor. (HP 1,5)
 - with built in thermal protection and plastic casing power supply box comprising capacitor and switch. (HP 2,5)
 - THREE PHASE 220-277V/60 Hz or 380-480V/60Hz with overload protection care of the User.
 - STANDARD CABLE FEATURES:
 - Single Phase: 10 metres H07RN-F without plug.
 - 10 metres H07RN-F complete with power supply box 0.7 m cable section, without connection plug.
 - Three phase: 10 metres H07RN-F without plug.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

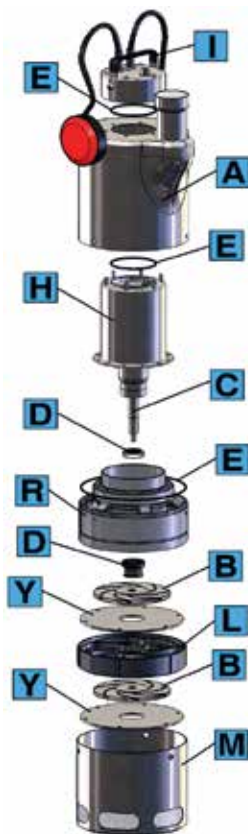
ACCESSORIES AVAILABLE ON DEMAND:

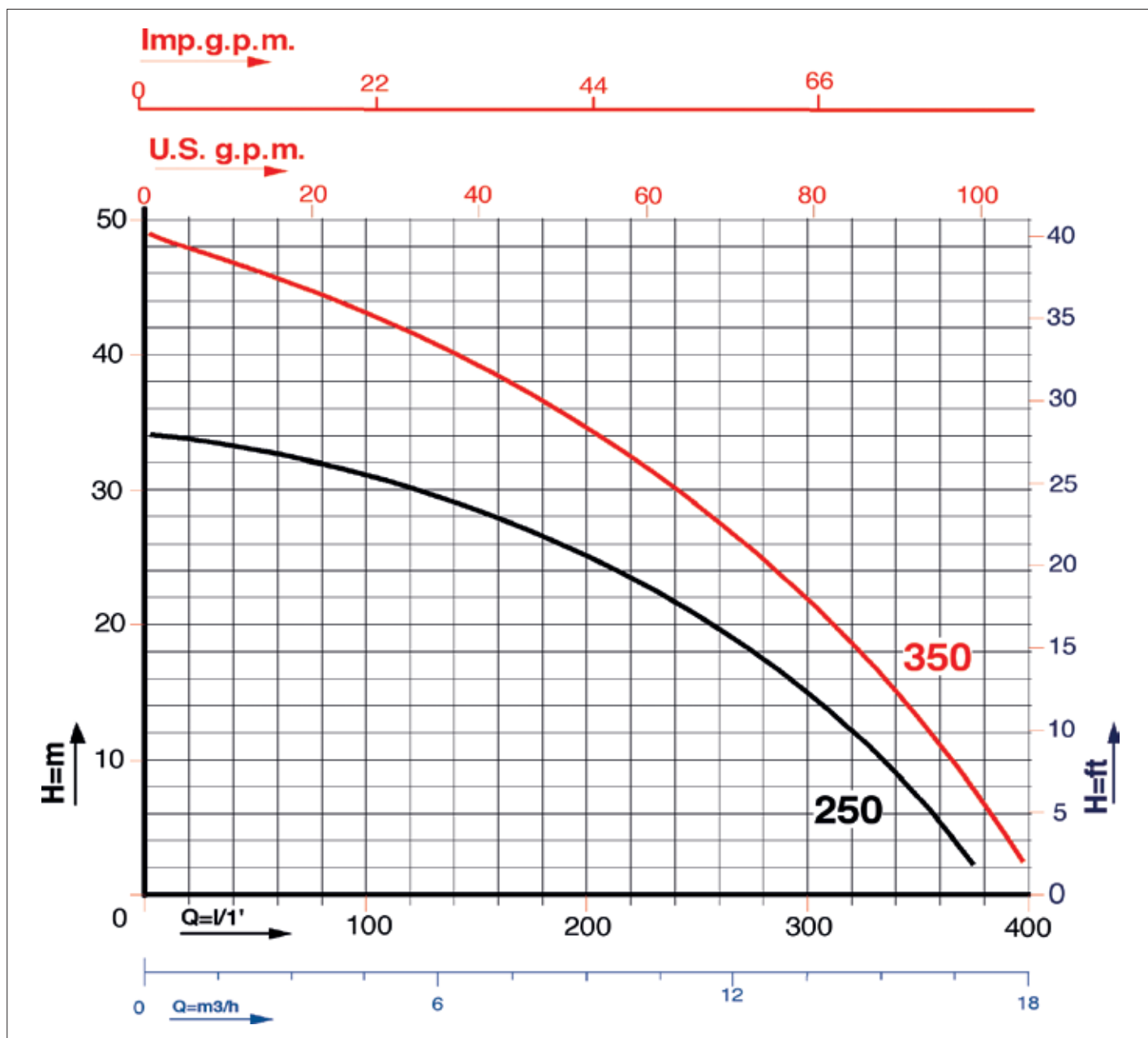
- THREE PHASE ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CONTROLS 10-20 mt. ELECTRIC CABLE.
- CONNECTION PIECES FROM 3" CONNECTING NOZZLE IN ALUMINIUM.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna <i>External housing</i>		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / <i>Impeller</i>		
C	Albero (lato pompa) / <i>Shaft (pump side)</i>		ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Doppia tenuta meccanica <i>Double mechanical seal</i>	Lato pompa / <i>Pump face</i>	CARBURIO DI SILICIO-CERAMICA SILICON CARBIDE-CERAMIC
		Lato motore / <i>Motor face</i>	GRAFITE-CERAMICA CARBIDE-CERAMIC
E	O-ring		NBR
H	Carcassa motore / <i>Motor housing</i>		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / <i>Cover</i>		
L	Diffusore / <i>Diffuser</i>		GHISA (G20) CAST IRON
M	Griglia / <i>Grid</i>		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
R	Flangia inferiore / <i>Lower flange</i>		ALLUMINIO CON TRATTAMENTO SPECIALE ALUMINIUM WITH SPECIAL TREATMENT
Y	Piattello / <i>Disk base</i>		ACCIAIO / STEEL

JORKER 250 - 350



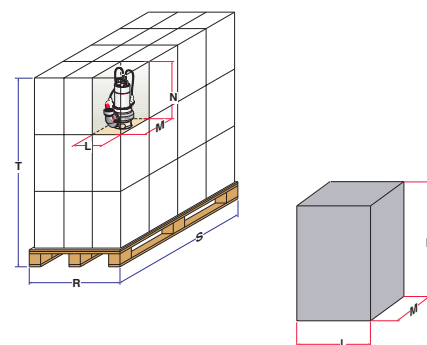
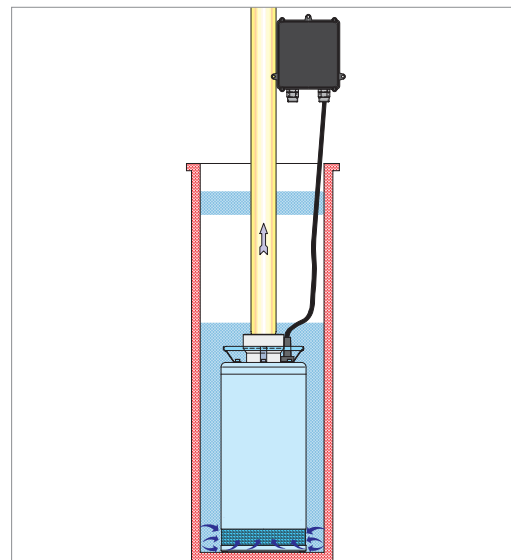
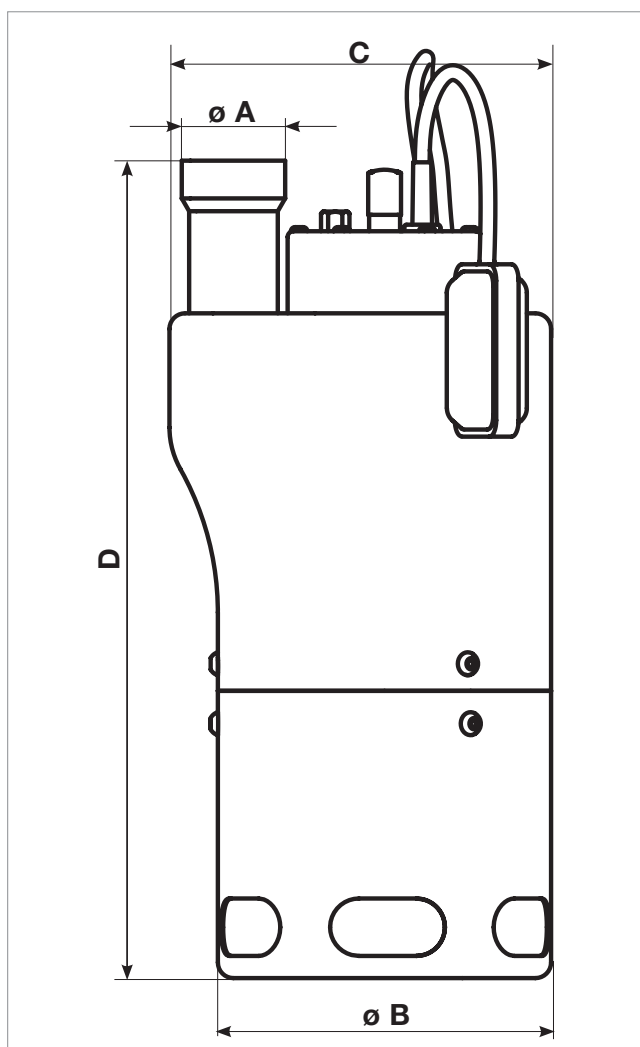


Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA							
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	3	6	9	12	15	18
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	100	150	200	250	300
JORKER 250 M	1 x 220-230V	2,9	1,8	2,5	13	30	450	H (m)	34,0	32,0	29,0	25,0	19,0	10,0	2,0
JORKER 250 T	3 x 380-400V	2,7	1,8	2,5	4,6	---	---		34,0	32,0	29,0	25,0	19,0	10,0	2,0
JORKER 350 M	1 x 220-230V	4,5	2,6	3,5	19,5	40	450		49,0	45,5	41,0	34,0	27,0	17,0	2,0
JORKER 350 T	3 x 380-400V	4,3	2,6	3,5	6,5	---	---		49,0	45,5	41,0	34,0	27,0	17,0	2,0

PREVALENZA TOTALE IN METRI COLUMNA ACQUA
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN M.

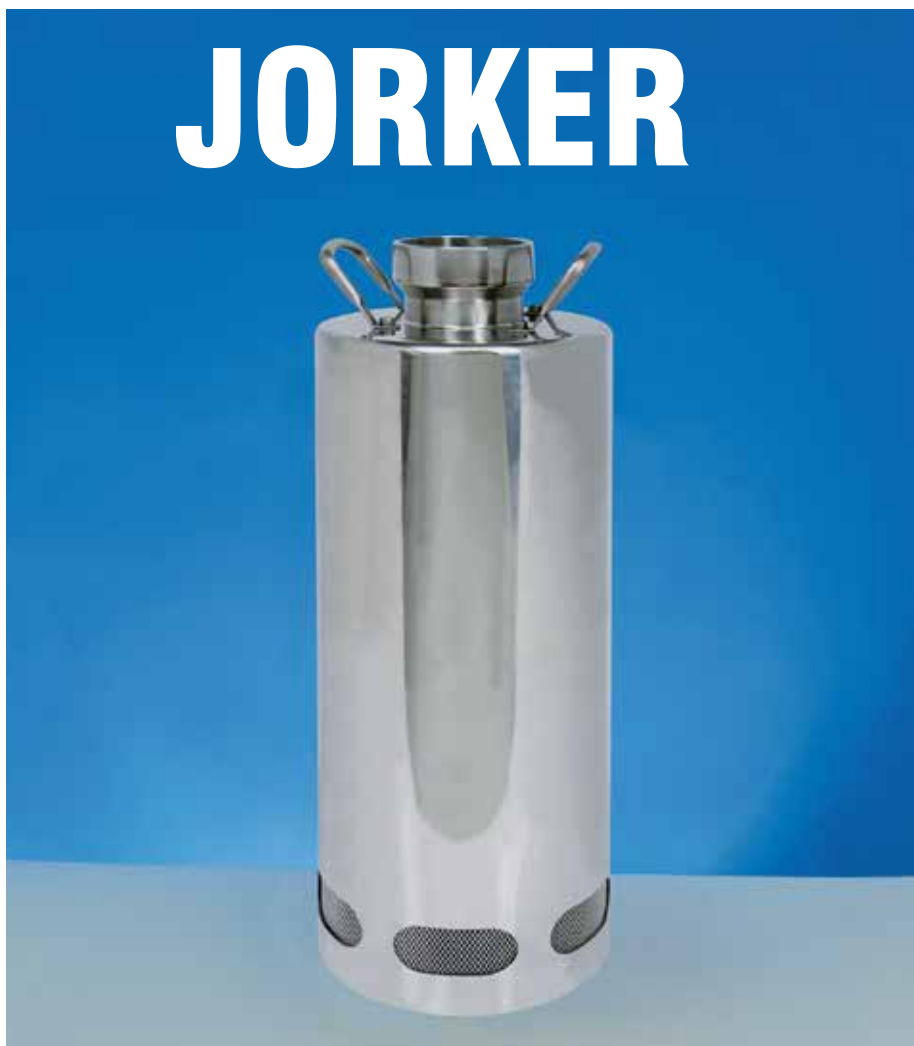
DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.			
	ABCD			
JORKER 150 M	2"	203	230	490
JORKER 150 T	2"	203	230	490
JORKER 250 M	2"	203	230	490
JORKER 250 T	2"	203	230	490

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	LMN			Peso / Weight	RST			nr.	Peso / Weight
	mm.	mm.	mm.	Kg.	mm.	mm.	mm.	scatolecartons	Kg.
JORKER 150 M	650	260	370	33,0	800	1200	2350	24	817
JORKER 150 T	650	260	370	33,0	800	1200	2350	24	817
JORKER 250 M	650	260	370	35,0	800	1200	2350	24	865
JORKER 250 T	650	260	370	35,0	800	1200	2350	24	865

JORKER



ELETTROPOMPE SOMMERGIBILI MONOBLOCCO MULTISTADIO VERTICAL PER POZZI DA 8 e 10 POLLICI **VERTICAL SUBMERSIBLE MULTI STAGE ELECTRIC PUMPS FOR 8 AND 10 INCH WELLS**

PREVALENZA : 42 mt. ÷ 91 mt.
PORTATA : 21 m³/h ÷ 30 m³/h
POTENZA NOMINALE : 2,2 kW (3HP) ÷ 7,5 kW (10HP)

PUMP HEAD : 42,0 mt ÷ 91,0 mt
DELIVERY : 21,0 m³/h ÷ 30,0 m³/h
RATED HORSEPOWER : 2,2 kW (1,5HP) ÷ 7,5 kW (10,0HP)

APPLICAZIONI

- PARTICOLARMENTE INDICATE NEL SETTORE AGRICOLO PER IRRIGAZIONE, POMPAGGIO DI ACQUA DA VASCHE O SERBATOI DI PRIMA RACCOLTA, POZZI DA 8 A 10 POLLICI POCO PROFONDI 10-20 MT, BACINI E CORSI D'ACQUA.
- MOVIMENTAZIONE NEL SETTORE INDUSTRIALE DI ACQUE DI RAFFREDDAMENTO E DI ALIMENTAZIONE E SCARICO.
- PRESSURIZZAZIONE CON POMPA INSERITA NEL SERBATOIO O POZZO.
- FONTANE.

APPLICATIONS

- PARTICULARLY SUITED TO THE AGRICULTURAL AND FARMING SECTORS FOR IRRIGATION PURPOSES, FOR CATCH TANK AND RESERVOIR CATCH-WATER PUMP OUT, FROM 8 TO 10 INCH WELL, WITH 10-20 MT DEEP, WATER BASIN AND WATER DRAIN FLOW PUMP OUT.
- FOR INDUSTRIAL COOLING, FEED-IN AND DISCHARGE WATER HANDLING.
- FOR PRESSURISATION, WITH TANK OR WELL PUMP INCLUSION.
- FOR FOUNTAINS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 20 .
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C
- VERSIONI:
Trifase: 220-277V/ 50Hz o 380 – 480V / 50Hz e 220-277V/ 60Hz o 380 – 480V /60Hz con protezione da sovraccarico a cura dell'utente
- POTENZA MOTORE: DA 3 Hp a 10 Hp SOLO VERSIONI TRIFASE.
- CAVO STANDARD:
Trifase: 10 metri H07RN-F senza spina

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO DI GALLEGGIANTE ELETTROMECCANICO.
- GALLEGGIANTE 10-20 mt. DI CAVO.
- RACCORDI E PORTAGOMMA DA 3" IN ALLUMINIO

DESIGN ENGINEERING:

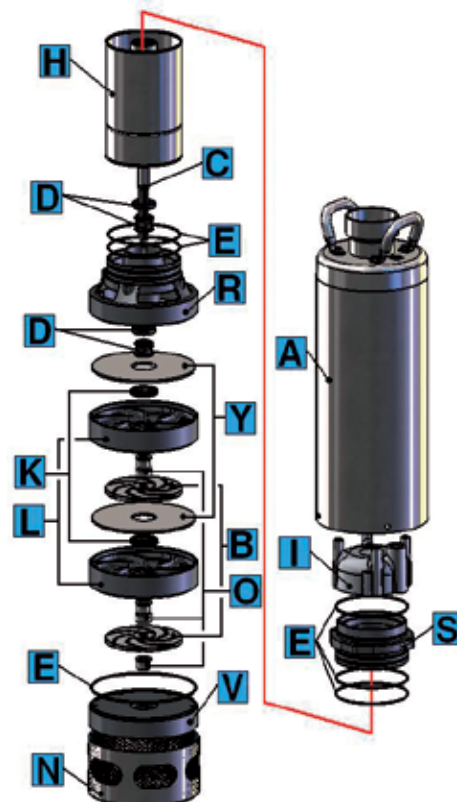
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
 - DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
 - PERMISSIBLE DRAUGHT OF WATER: 20 m
 - IP 68 PROTECTION CLASS.
 - CLASS "F" INSULATION.
 - MAX. PUMPED LIQUID TEMPERATURE: 35°C
 - VERSIONS:
Three Phase: 220-277V/ 50Hz or 380 – 480V / 50Hz and 220-277V/ 60Hz or 380 – 480V /60Hz with overload protection care of the User.
 - MOTOR POWER: From 3 HP to 10 HP Only three phase versions.
 - STANDARD CABLE FEATURES:
Three Phase: 10 metres H07RN-F without plug
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

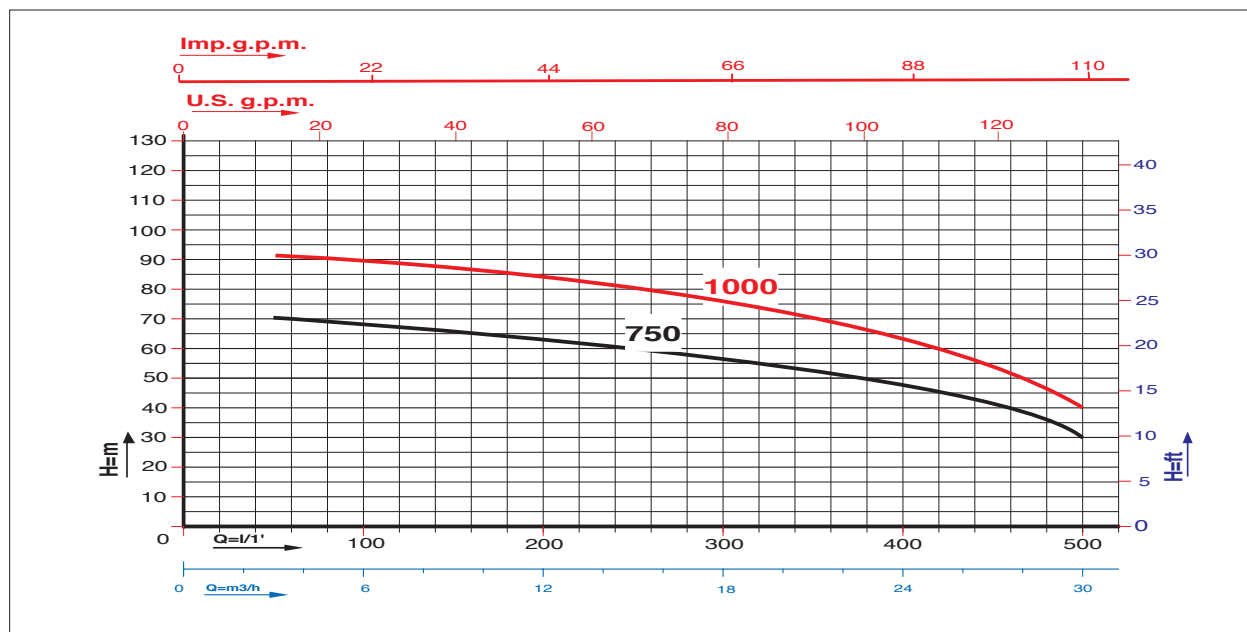
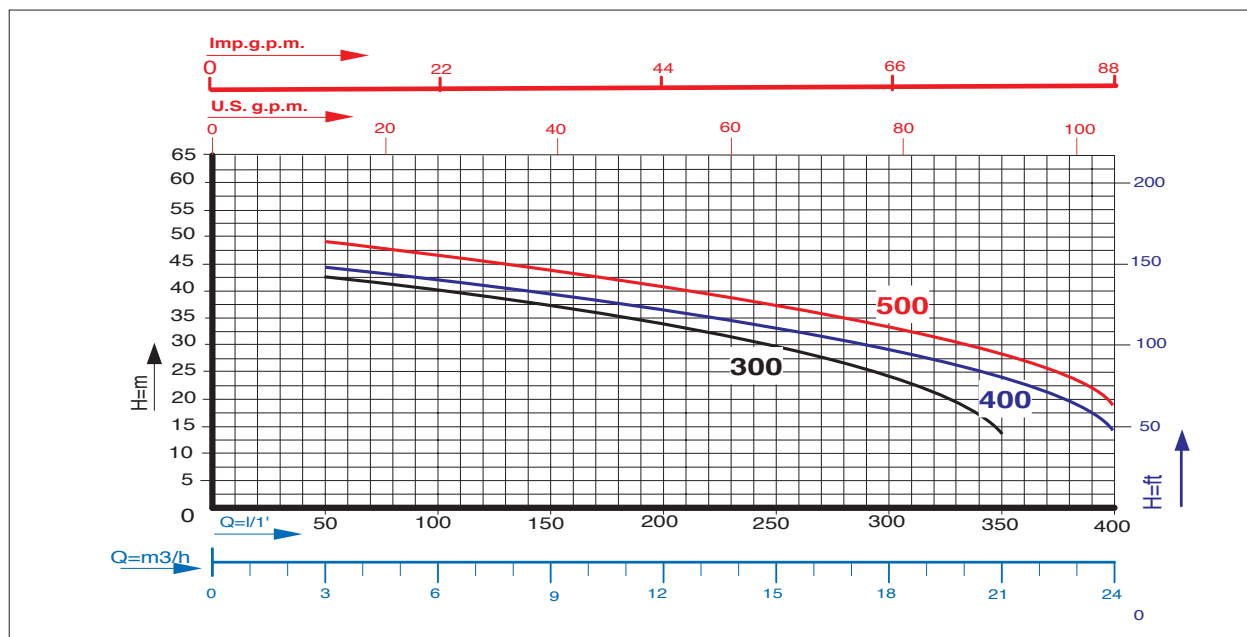
ACCESSORIES AVAILABLE ON DEMAND:

- THREE PHASE ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTO Matic ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CONTROLS 10-20 mt. ELECTRIC CABLE.
- CONNECTION PIECES FROM 3" CONNECTING NOZZLE IN ALUMINIUM.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna con calotta e maniglie <i>External housing with cap and handles</i>		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
B	Girante / <i>Impeller</i>		
C	Albero (lato pompa) / <i>Shaft (pump side)</i>		ACCIAIO INOX AISI 316 DIN 1.4401 / STAINLESS STEEL
D	Tenuta meccanica <i>Mechanical seal</i>	Lato pompa / <i>Pump side</i>	CARBURO DI SILICIO- CARBURO DI SILICIO / <i>SILICON CARBIDE-SILICON CARBIDE</i>
		Lato motore / <i>Motor side</i>	GRAFITE CERAMICA <i>CARBIDE CERAMIC</i>
E	O-ring		NBR
H	Carcassa motore / <i>Motor housing</i>		ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL
I	Coperchio / <i>Cover</i>		GHISA (G20) CAST IRON
L	Diffusore / <i>Diffuser</i>		
M	Griglia / <i>Greed</i>		ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL
O	Distanziale / <i>Sleeve</i>		
R	Flangia inferiore / <i>Upper flange</i>		GHISA (G20) CAST IRON
S	Flangia superiore / <i>Upper flange</i>		
K	Guarnizione / <i>Gasket</i>		NBR
V	Convogliatore / <i>Conveyor</i>		GHISA (G20) CAST IRON
Y	Piattello / <i>Disk base</i>		ACCIAIO / STEEL

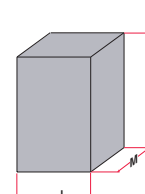
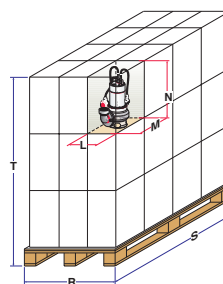
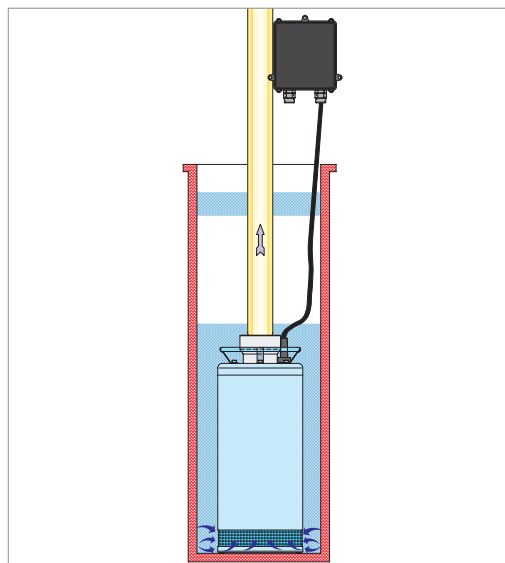
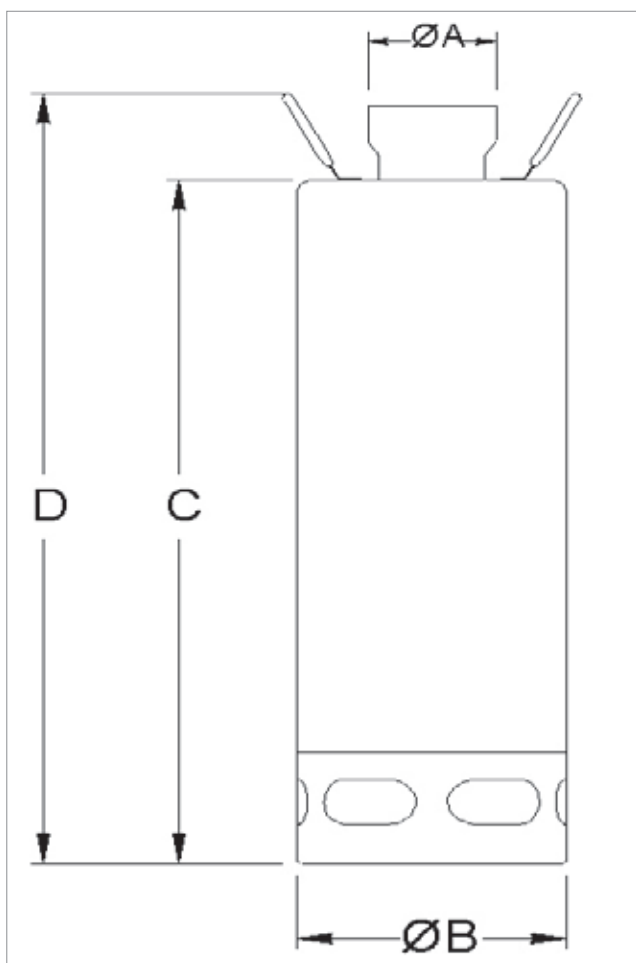
JORKER 300-400-500-750-1000




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA (2850 min ⁻¹)										
		P1 max	P2 nom.	I max	Condensatore Capacitor		m³/h	3	6	9	12	15	21	24	27	30	H (m)	H (ft)
		kW	kW	HP	Ampere	µF		l/min.	50	100	150	200	250	350	400	450		
JORKER 300 T	3 x 380-400V	3,0	2,2	3,0	6,0	---	H (m)	42,0	40,0	37,0	33,0	28,0	13,0					
JORKER 400 T	3 x 380-400V	3,9	3,0	4,0	6,6	---		44,0	42,0	38,0	36,0	32,0	22,0	14,0				
JORKER 500 T	3 x 380-400V	4,9	3,7	5,0	9,8	---		49,0	47,0	43,0	41,0	37,0	27,0	18,0				
JORKER 750 T	3 x 380-400V	7,3	5,5	7,5	12,6	---		70,0	68,0	65,0	63,0	60,0	52,0	48,0	40,0	30,0		
JORKER 1000 T	3 x 380-400V	10,1	7,5	10,0	15,6	---		91,0	90,0	86,0	84,0	80,0	69,0	64,0	53,0	40,0		

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.			
	A	B	C	D
JORKER 300 T	3"	204	584	651
JORKER 400 T	3"	204	584	651
JORKER 500 T	3"	204	584	651
JORKER 750 T	3"	204	584	651
JORKER 1000 T	3"	204	584	651

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
JORKER 300 T	720	400	260	38	800	1200	900	25	955
JORKER 400 T	720	400	260	43	800	1200	900	25	1080
JORKER 500 T	720	400	260	48	800	1200	900	25	1205
JORKER 750 T	900	400	260	57	800	1200	900	18	1031
JORKER 1000 T	900	400	260	68	800	1200	900	18	1229

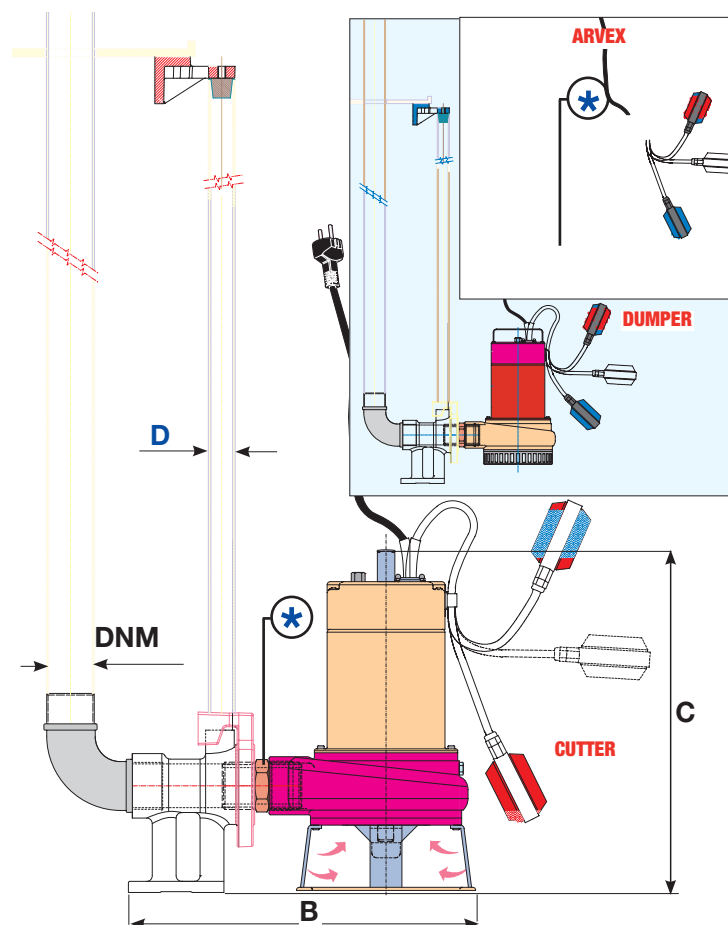
SISTEMI DI DISCESA (DN 50) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN 50)
FOR FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JUMPER 150	2"	429	464	8	3/4"
JUMPER 200	2"	429	464	8	
JUMPER 300	2"	429	464	8	

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JRVEX 80	2"	388	408	50	3/4"
JRVEX 100	2"	397	408	50	
JRVEX 150	2"	397	448	50	
JRVEX 200	2"	397	448	50	

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JUTTER 140	2"	415	400	---	3/4"
JUTTER 150	2"	433	464	---	
JUTTER 200	2"	433	464	---	
JUTTER 300	2"	433	464	---	

* = RIDUZIONE DA 1 1/2" A 2" / REDUCTION FROM 1 1/2" TO 2"



SERIE SERIES JUMPER / JRVEX / JUTTER 150M - 150T - 200M - 200T - 300T

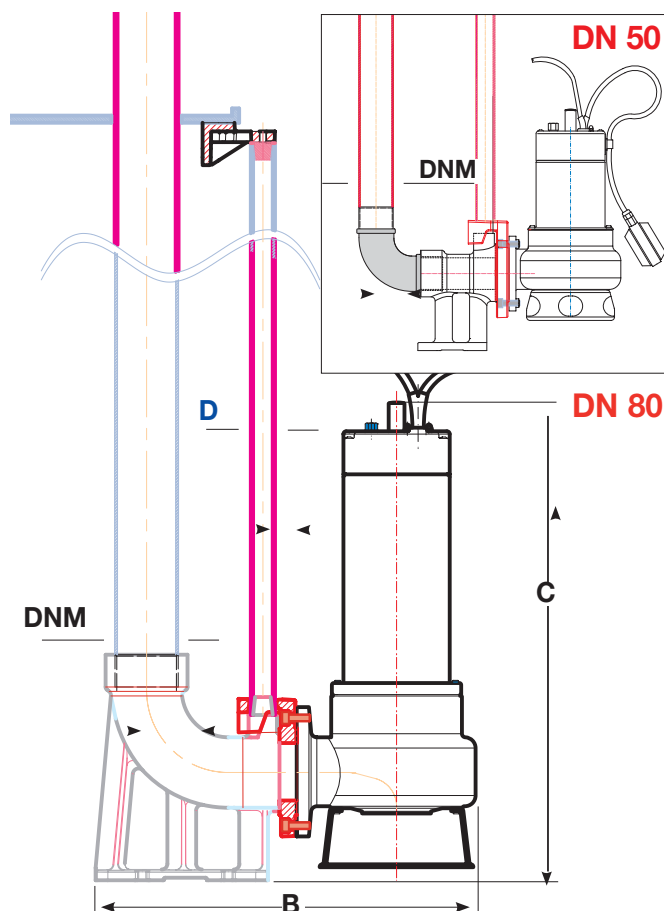
SISTEMI DI DISCESA (DN 50) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN 50)
FOR FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JIGER 80F	2"	354	420	35	3/4"
JIGER 100F	2"	354	420	50	
JIGER 150F	2"*	415	508	50*	
JIGER 200F	2"*	415	508	50*	

* = SOLO PER IMPIANTI FISSI / ONLY FOR FIXED PLANTS

SISTEMI DI DISCESA (DN 80) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN 80)
FOR FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JIGER 300F	3"	529	545	80	1"
JIGER 400F	3"	529	670	80	



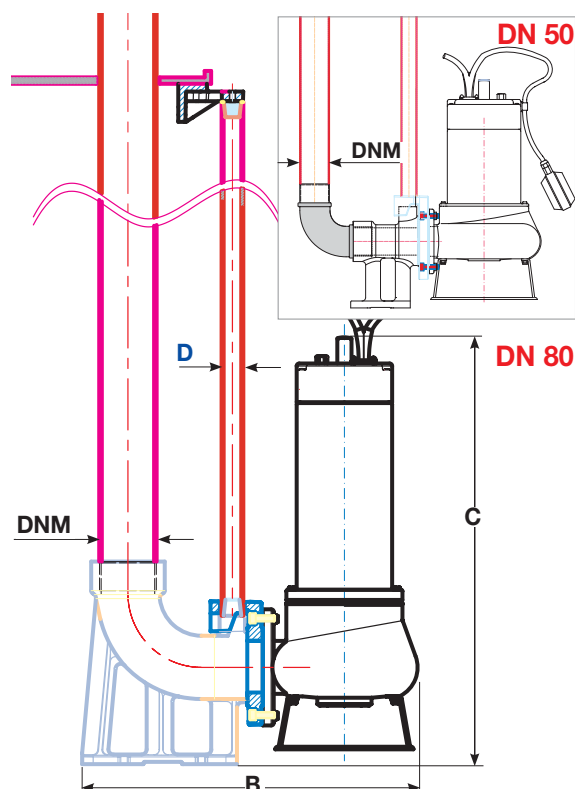
SISTEMI DI DISCESA (DN 50) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN 50) FOR
FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JKIPPER 80F	2"	352	406	45	3/4"
JKIPPER 100F	2"	352	406	45	
JKIPPER 150F	2"*	401	497	50*	
JKIPPER 200F	2"*	401	497	50*	

* = SOLO PER IMPIANTI FISSI / ONLY FOR FIXED PLANTS

SISTEMI DI DISCESA (DN 80) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN80) FOR
FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA in mm. PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JKIPPER 300F	3"	520	549	80	1"
JKIPPER 400F	3"	520	670	80	



SERIE SERIES JIVER / JENAX 150F - 200F - 300F - 400F - 600F **MONOCANALI SINGLE CHANNEL**

SISTEMI DI DISCESA (DN 50) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN 50) FOR
FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JIVER 150F a	2"*	256	514	50	3/4"
JIVER 200F a	2"*	256	514	50*	
JENAX 150F a	2"*	389	500	50	
JENAX 200F a	2"*	389	500	50*	

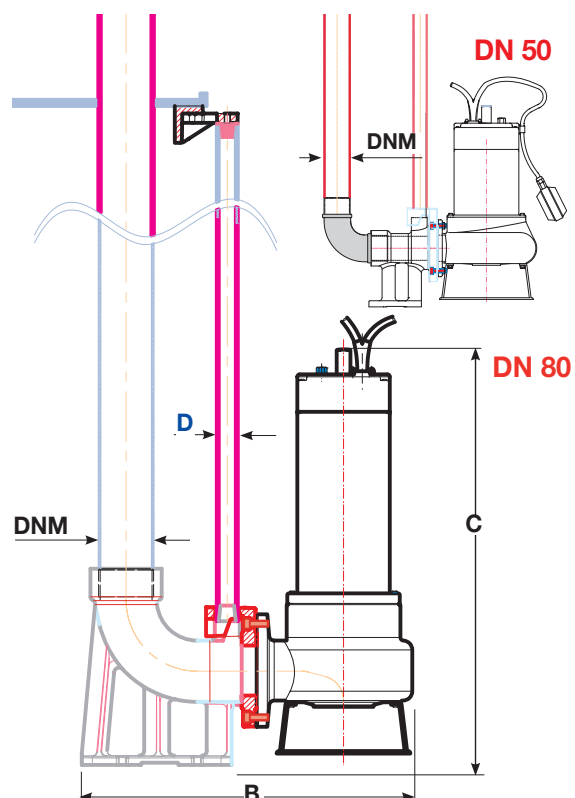
* = SOLO PER IMPIANTI FISSI / ONLY FOR FIXED PLANTS

SISTEMI DI DISCESA (DN 80) PER IMPIANTI FISSI
DOWN STROKE GUIDE RAIL SYSTEM (DN 80)
FOR FIXED PLANTS

MODELLO / MODEL	DIMENSIONI POMPA in mm/ PUMP DIMENSIONS in mm.			ø solidi ø solids (mm)	D
	DNM	B	C		
JIVER 300F c	3"	623	665	50	1"
JIVER 400F c	3"	623	665	50	
JIVER 600F c	3"	623	665	50	
JENAX 300F c	3"	604	657	50	
JENAX 400F c	3"	604	657	50	
JENAX 600F c	3"	604	657	50	

c = Monocanale chiusa / Close single channel

a = Monocanale aperta / Open single channel



D = DIMENSIONI TUBI DISCESA / DOWN TUBES DIMENSIONS

STAZIONI AUTOMATICHE PER LA RACCOLTA E IL SOLLEVAMENTO DI ACQUE CARICHE

AUTOMATIC PUMPING STATIONS FOR THE COLLECTION AND LIFTING OF FOUL WASTEWATER

APPLICAZIONI

UTILIZZATE PER LA RACCOLTA DI ACQUE DOMESTICHE USATE DA IMMETTERE IN COLLETTORI DI SCARICO SITUATI SU DI UN DISLIVELLO SUPERIORE, O COMUNQUE PRIVI DI CADENZA GRAVITAZIONALE

APPLICATIONS

IMPLEMENTED FOR THE COLLECTION OF DOMESTIC WASTEWATER AND USED AS A LIFT STATION TO PUMP THE WASTEWATER INTO DISCHARGE COLLECTORS LOCATED AT HIGHER LEVELS OR THAT DO NOT ANYWAY HAVE A GRAVITATIONAL DROP.

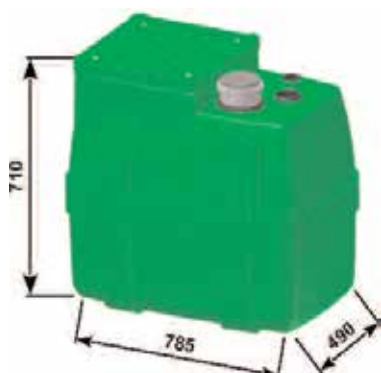


200 LITRI
200 LITERS

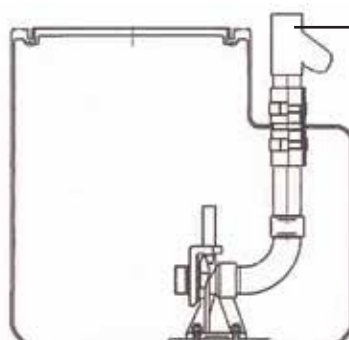
TABELLA DATI TECNICI / TECHNICAL TABLE

DRJ BOX -1		CARATTERISTICHE / <i>FEATURES</i>					ACCESSORI / <i>ACCESSORIES</i>						
		P2 (kW)	HP	Q max (l/min)	H max (m)	TIPOLOGIA GIRANTE <i>IMPELLER TYPE</i>	QUADRO ELETTRICO <i>CONTROL BOARD</i>	GALLEGGIANTE PREMONTATO SU POMPA <i>FLOAT PREASSEMBLED ON PUMP</i>	GALLEGGIANTE (10MT CAVO) <i>N°2 FLOAT (10 MT CABLE)</i>	VALVOLA DI NON RITORNO <i>NON RETURN VALVE</i>	GALLEGGIANTE DI EMERGENZA <i>EMERGENCY FLOAT</i>	KIT ALLARME (BLOCCO TERMICO)	SOUND SIGNAL WITH FLASHING SOUND SIGNAL
JIGER 80F M	MONOFASE <i>1-PHASE</i>	0,6	0,8	260	7,0	JORTEX	*	X	*	*	*	*	
JIGER 100F M		0,75	1,0	350	8,0			X					
JIGER 140F M		1,1	1,5	450	11,0			X					
JRVEX 80 M		0,6	0,8	300	9,5			X					
JRVEX 100 M		0,8	1,0	400	10,5			X					
JRVEX 150 M		1,1	1,5	425	13,0			X					
JRVEX 200 M		1,5	2,0	450	14,0			X					
JRVEX BC 100 M		0,75	1,0	500	11,5	BICANALE <i>TWIN-CHANNEL</i>		X					
JRVEX BC 150 M		1,1	1,5	600	14,5	GRINDER		X					
JUTTER 140 M		1,1	1,5	150	17,0			X					
JIGER 80F T	TRIFASE <i>3-PHASE</i>	0,6	0,8	260	7,0	JORTEX	X		X	*	*	*	
JIGER 100F T		0,75	1,0	350	8,0		X		X				
JIGER 140F T		1,1	1,5	450	11,0		X		X				
JIGER 190F T		1,5	2,0	500	13,0		X		X				
JRVEX 80 T		0,6	0,8	300	9,5		X		X				
JRVEX 100 T		0,8	1,0	400	10,5		X		X				
JRVEX 150 T		1,1	1,5	425	13,0		X		X				
JRVEX 200 T		1,5	2,0	450	14,0		X		X				
JRVEX BC 100 T		0,75	1,0	500	11,5	BICANALE <i>TWIN-CHANNEL</i>		X					X
JRVEX BC 150 T		1,1	1,5	600	14,5			X					X
JRVEX BC 200 T		1,5	2,0	700	15,5			X					X
JUTTER 140 T		1,1	1,5	150	17,0	GRINDER		X					X

DIMENSIONI IN mm / DIMENSIONS IN mm



INSTALLAZIONE / INSTALLATION



VALVOLA DI RITEGNO A PALLA
CHECK BALL VALVE

X Accessori inclusi
Included accessories

* Accessori opzionali
Optional accessories

STAZIONI AUTOMATICHE PER LA RACCOLTA E IL SOLLEVAMENTO DI ACQUE CARICHE

AUTOMATIC PUMPING STATIONS FOR THE COLLECTION AND LIFTING OF FOUL WASTEWATER

APPLICAZIONI

UTILIZZATE PER LA RACCOLTA DI ACQUE DOMESTICHE USATE DA IMMETTERE IN COLLETTORI DI SCARICO SITUATI SU DI UN DISLIVELLO SUPERIORE, O COMUNQUE PRIVI DI CADENZA GRAVITAZIONALE

APPLICATIONS

IMPLEMENTED FOR THE COLLECTION OF DOMESTIC WASTEWATER AND USED AS A LIFT STATION TO PUMP THE WASTEWATER INTO DISCHARGE COLLECTORS LOCATED AT HIGHER LEVELS OR THAT DO NOT ANYWAY HAVE A GRAVITATIONAL DROP.



600 LITRI
600 LITERS

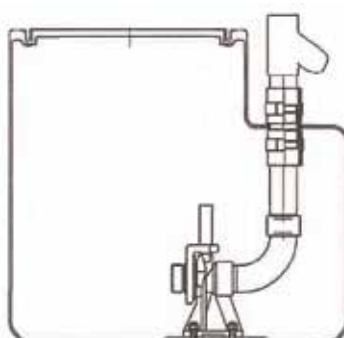
TABELLA DATI TECNICI / TECHNICAL TABLE

DRJ BOX -2			CARATTERISTICHE / FEATURES					ACCESSORI / ACCESSORIES						
			P2 (kW)	HP	Q max (l/min)	H max (m)	TIPOLOGIA GIRANTE IMPELLER TYPE	QUADRO ELETTRICO CONTROL BOARD	GALLEGGIANTE PREMONTATO SU POMPA FLOAT PREASSEMBLED ON PUMP	GALLEGGIANTE (10MT CAVO) FLOAT (10 MT CABLE)	VALVOLA DI NON RITORNO NON RETURN VALVE	GALLEGGIANTE DI EMERGENZA EMERGENCY FLOAT	KIT ALLARME (BLOCCO TERMICO)	SOUND SIGNAL WITH FLASHING SOUND SIGNAL
PERFORMANCE RIFERITE A 2 POMPE CHE LAVORANO CONTEMPORANEAMENTE THE PERFORMANCES DATA REFERS TO 2 PUMPS OPERATING SIMULTANEOUSLY			JIGER 80F M	2x0,6	2x0,8	520	7,0	*	*	*	*	*	*	*
			JIGER 100F M	2x0,75	2x1,0	700	8,0							
			JIGER 140F M	2x1,1	2x1,5	900	11,0							
			JRVEX 80 M	2x0,6	2x0,8	600	9,5							
			JRVEX 100 M	2x0,8	2x1,0	800	10,5							
			JRVEX 150 M	2x1,1	2x1,5	850	13,0							
			JRVEX 200 M	2x1,5	2x2,0	900	14,0							
			JRVEX BC 100 M	2x0,75	2x1,0	1000	11,5							
			JRVEX BC 150 M	2x1,1	2x1,5	1200	14,5							
			JUTTER 140 M	2x1,1	2x1,5	300	17,0							
SISTEMI DI DISCESA DN50 / GUIDE RAIL SYSTEM DN50			JIGER 80F T	2x0,6	2x0,8	520	7,0	X		X	X	X	X	X
			JIGER 100F T	2x0,75	2x1,0	700	8,0	X		X	X	X	X	X
			JIGER 140F T	2x1,1	2x1,5	900	11,0	X		X	X	X	X	X
			JIGER 190F T	2x1,5	2x2,0	1000	13,0	X		X	X	X	X	X
			JRVEX 80 T	2x0,6	2x0,8	600	9,5	X		X	X	X	X	X
			JRVEX 100 T	2x0,8	2x1,0	800	10,5	X		X	X	X	X	X
			JRVEX 150 T	2x1,1	2x1,5	850	13,0	X		X	X	X	X	X
			JRVEX 200 T	2x1,5	2x2,0	900	14,0	X		X	X	X	X	X
			JRVEX BC 100 T	2x0,75	2x1,0	1000	11,5	X		X	X	X	X	X
			JRVEX BC 150 T	2x1,1	2x1,5	1200	14,5	X		X	X	X	X	X
SISTEMI DI DISCESA DN50 / GUIDE RAIL SYSTEM DN50			JRVEX BC 200 T	2x1,5	2x2,0	1400	15,5	X		X	X	X	X	X
			JUTTER 140 T	2x1,1	2x1,5	300	17,0	X		X	X	X	X	X

DIMENSIONI IN mm / DIMENSIONS IN mm



INSTALLAZIONE / INSTALLATION



— VALVOLA DI RITEGNO A PALLA
CHECK BALL VALVE

X Accessori inclusi
Included accessories

* Accessori opzionali
Optionals accessories



ELETTROPOMPE SOMMERGIBILI MONOBLOCCO MULTISTADIO VERTICALI IN GHISA
VERTICAL SUBMERSIBLE MULTI STAGE ELECTRIC PUMPS IN CAST IRON

PREVALENZA : 39,5 mt. ÷ 44 mt.
PORTATA : 18 m³/h
POTENZA NOMINALE : 1,5 kW (2,0HP) ÷ 2,25 kW (3,0HP)

PUMP HEAD : 39,5 mt ÷ 44,0 mt
DELIVERY : 18,0 m³/h
RATED HORSEPOWER : 1,5kW (2,0HP) ÷ 2,25 kW (3,0HP)

APPLICAZIONI

- PARTICOLARMENTE INDICATE NEL SETTORE AGRICOLO PER IRRIGAZIONE, POMPAGGIO DI ACQUA DA VASCHE O SERBATOI DI PRIMA RACCOLTA, POZZI DA 8 A 10 POLLICI POCO PROFONDI 10-20 MT, BACINI E CORSI D'ACQUA
- MOVIMENTAZIONE NEL SETTORE INDUSTRIALE DI ACQUE DI RAFFREDDAMENTO E DI ALIMENTAZIONE E SCARICO.
- PRESSURIZZAZIONE CON POMPA INSERITA NEL SERBATOIO O POZZO
- FONTANE.

APPLICATIONS

- PARTICULARLY SUITED TO THE AGRICULTURAL AND FARMING SECTORS FOR IRRIGATION PURPOSES, FOR CATCH TANK AND RESERVOIR CATCH-WATER PUMP OUT, FROM 8 TO 10 INCH WELL, WITH 10- 20 MT DEEP, WATER BASIN AND WATER DRAIN FLOW PUMP OUT.
- FOR INDUSTRIAL COOLING, FEED-IN AND DISCHARGE WATER HANDLING.
- FOR PRESSURISATION, WITH TANK OR WELL PUMP INCLUSION.
- FOR FOUNTAINS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIO ANELLO DI TENUTA LATO MOTORE.
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 10.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- VERSIONI:
Monofase: 220-277V / 50Hz con protettore termico incorporato.
Trifase: 220-277V/ 50Hz o 380 – 480V /50Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONI MONOFASI AUTOMATICHE CON GALLEGGIANTE fino a 2,0 HP
VERSIONI MONOFASI da 3,0 Hp solo MANUALI SENZA GALLEGGIANTE.
- CAVO STANDARD:
Monofase: H07RN-F 10mt completa di quadro elettrico con spezzone 0,7 metri senza spina.
Trifase: H07RN-F 10mt senza spina.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

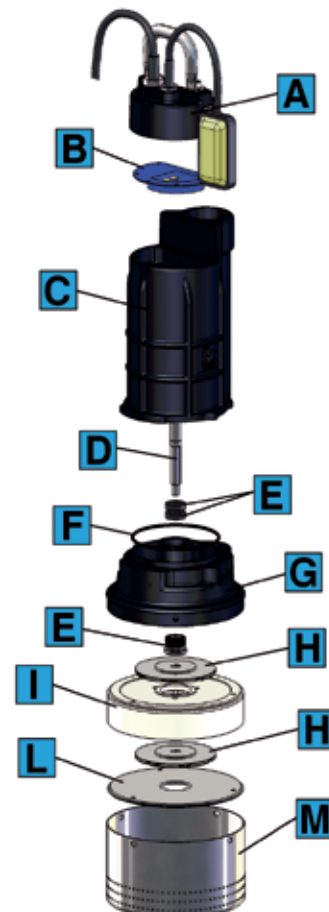
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE DRAUGHT OF WATER: 20 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- VERSIONS:
Single Phase: 220-277V/50Hz with built in thermal protection.
Three Phases: 220-277V/50Hz or 380-480V/50Hz with overload protection care of the User.
- AUTOMATIC SINGLE PHASE VERSIONS up to 1,1 kW (2,0 HP).
SINGLE PHASE VERSIONS from 1,5 kW (3,0 HP) only manual, without floater
- STANDARD CABLE FEATURES:
Single Phase: H07RN-F 10mt complete with power supply box 0,7 m cable section, without connection plug.
Three Phases: H07RN-F 10mt without connection plug.

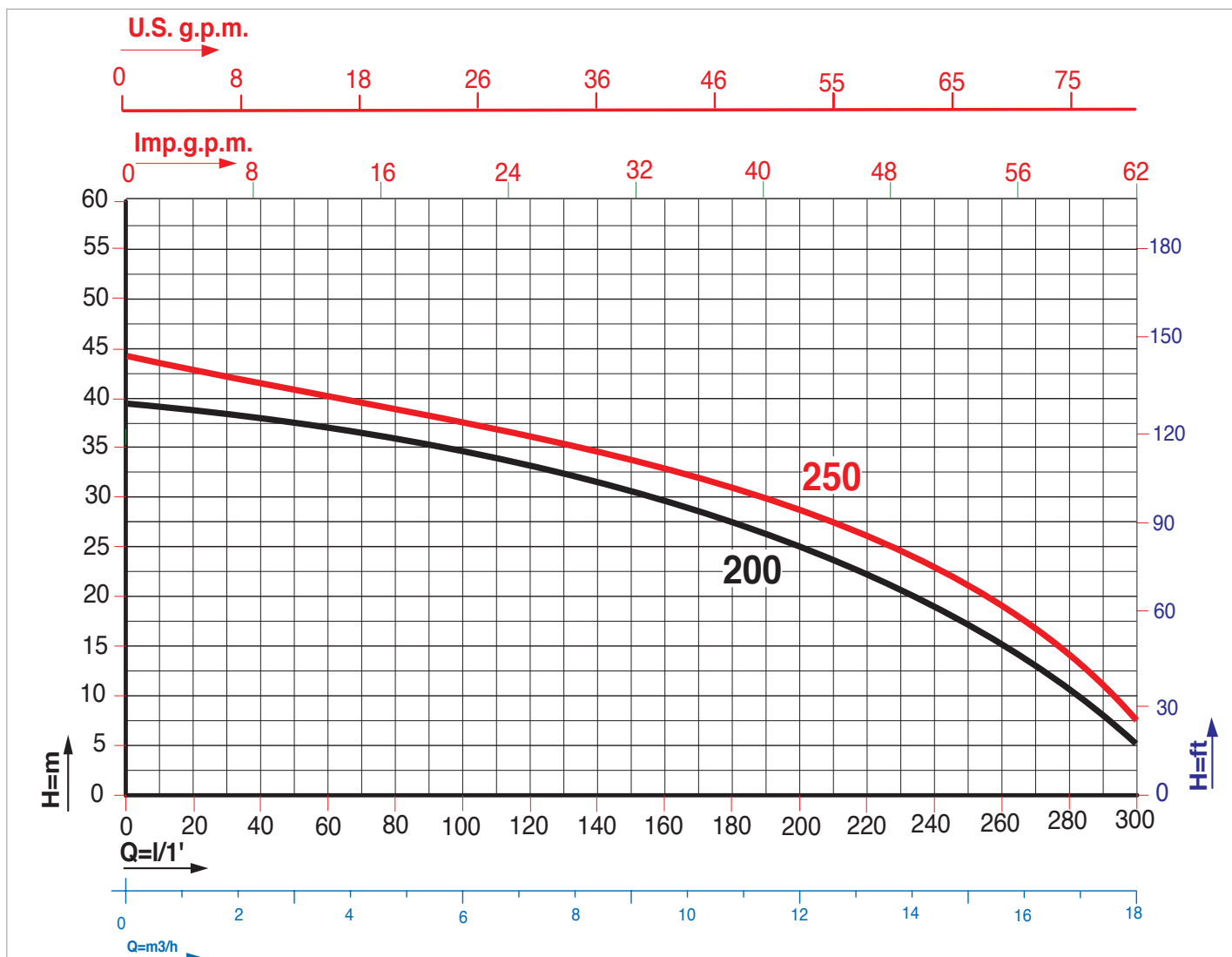
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component	Materiale / Materials
A	Coperchio / Cover	GHISA (G20) / CAST IRON
B	Guarnizione / Gasket	GOMMA DIELETTRICA DIELECTRIC RUBBER
C	Carcassa motore / Motor housing	GHISA (G20) / CAST IRON
D	Albero / Shaft	ACCIAIO INOX AISI 416 DIN 1.4005 / STAINLESS STEEL
E	Tenuta meccanica / Mechanical seal	Lato Motore / Motor side DOPPIO ANELLO DI TENUTA NBR NBR DOUBLE SEALING RING
		Lato pompa / Pump side CARBURO DI SILICIO/ALLUMINA SILICON CARBIDE-ALUMINA
F	O-ring	NBR
G	Flangia inferiore / Upper flange	GHISA (G20) / CAST IRON
H	Girante / Impeller	ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL
I	Diffusore / Diffuser	TECNOPLIMERO/TECNOPOLYMER
L	Piattello / Disk base	ACCIAIO / STEEL
M	Griglia / Greed	ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL

JURBO 200 - 250





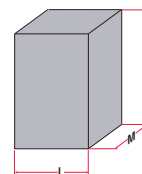
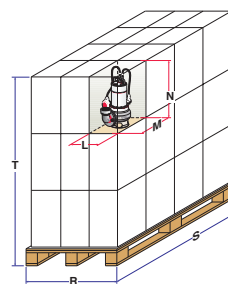
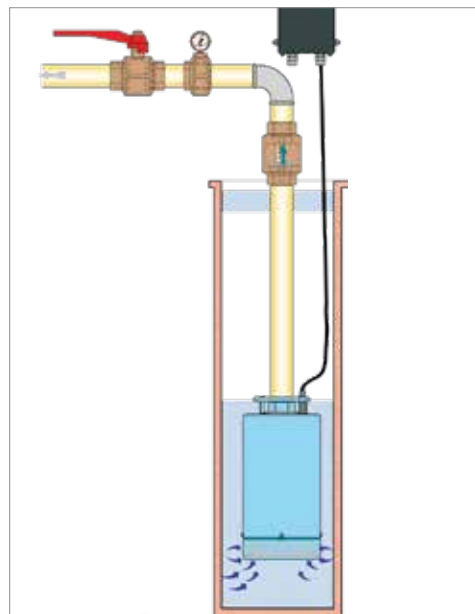
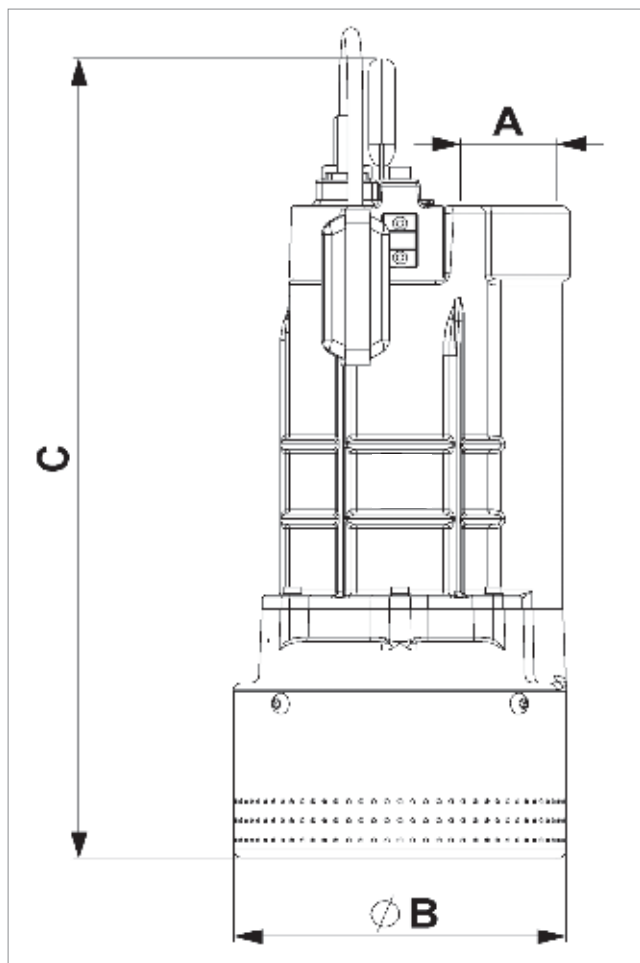
Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
 Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA							
		P1 max		P2 nom.		I max	Condensatore Capacitor	m³/h l/min.	0	3	6	9	12	15	18
		kW	HP	kW	HP	Ampere									
JURBO 200 M	1 x 220-230V	2,9	1,5	2,0	15,0	40	450	H (m)	39,5	37,5	34,5	30,0	25,0	16,0	5,0
JURBO 200 T	3 x 380-400V	2,7	1,5	2,0	5,0	---	---		39,5	37,5	34,5	30,0	25,0	16,0	5,0
JURBO 250 M	1 x 220-230V	4,0	2,25	3,0	18,0	40	450		44,0	41,0	37,0	34,0	28,5	20,5	7,0
JURBO 250 T	3 x 380-400V	3,8	2,25	3,0	6,5	---	---		44,0	41,0	37,0	34,0	28,5	20,5	7,0

PRESSIONE TOTALE IN METRI COLUMNA ACQUA
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN M.

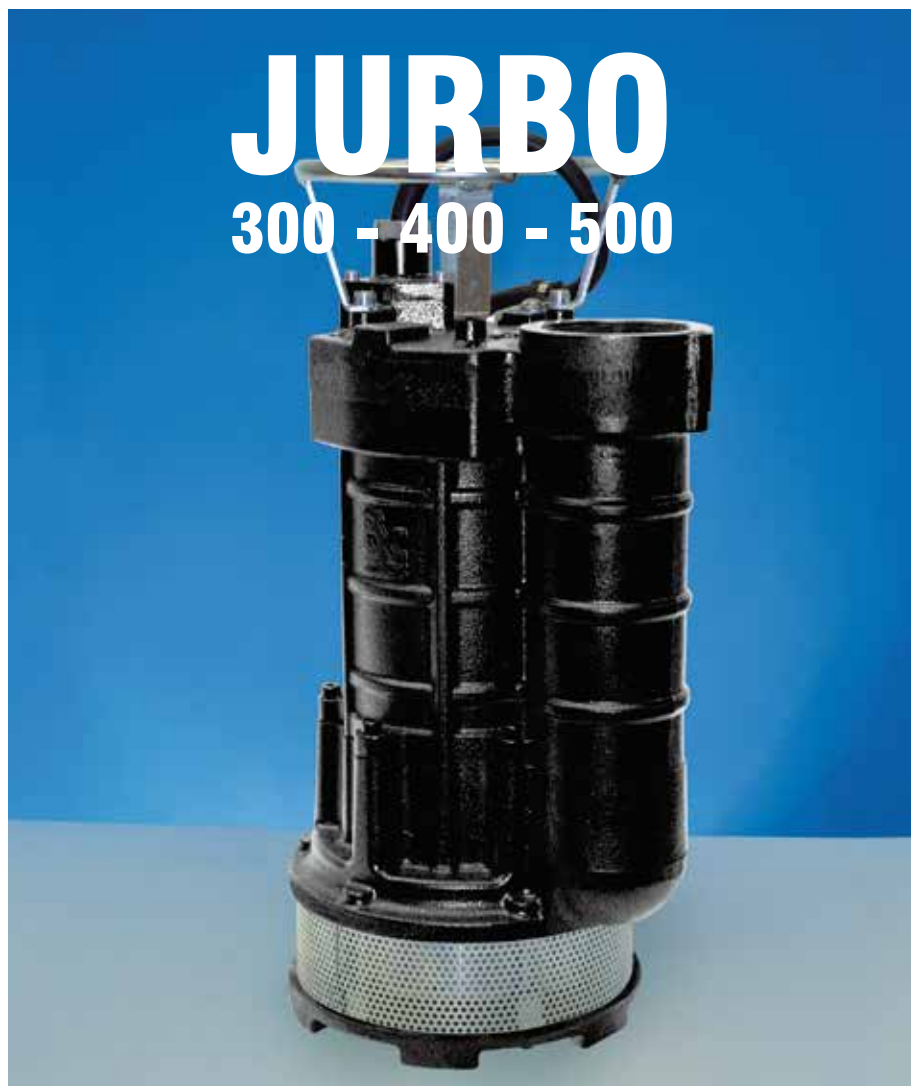
PRESTAZIONI TOTALI IN METRI COLONNARI
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.		
	A	B	C
JURBO 200	2"	203	550,5
TURBO 250	2"	203	550,5

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L	M	N	Peso / Weight	R	S	T	nr.	Peso / Weight
	mm.	mm.	mm.	Kg.	mm.	mm.	mm.	scatole/cartons	Kg.
JURBO 200	580	260	370	38,0	800	1200	2060	28	1092
JURBO 250	580	260	370	38,0	800	1200	2060	28	1092



JURBO

300 - 400 - 500

ELETTROPOMPE SOMMERGIBILI MONOBLOCCO MULTISTADIO VERTICALI VERTICAL SUBMERSIBLE MULTI STAGE ELECTRIC PUMPS

PREVALENZA : 45 ÷ 54 mt.
PORTATA : 24 ÷ 30 m³/h
POTENZA NOMINALE : 2,2 kW (3HP) ÷ 3,7 kW (5 HP)

PUMP HEAD : 45,0 mt ÷ 54m0 mt
DELIVERY : 24,0 m³/h ÷ 30,0 m³/h
RATED HORSEPOWER : 2,2 kW (3,0HP) ÷ 3,7 kW (5,0HP)

APPLICAZIONI

- PARTICOLARMENTE INDICATE NEL SETTORE AGRICOLO PER IRRIGAZIONE, POMPAGGIO DI ACQUA DA VASCHE O SERBATOI DI PRIMA RACCOLTA, POZZI DA 8 A 10 POLLICI POCO PROFONDI 10-20 MT, BACINI E CORSI D'ACQUA.
- MOVIMENTAZIONE NEL SETTORE INDUSTRIALE DI ACQUE DI RAFFREDDAMENTO E DI ALIMENTAZIONE E SCARICO.
- PRESSURIZZAZIONE CON POMPA INSERITA NEL SERBATOIO O POZZO.
- FONTANE.

APPLICATIONS

- PARTICULARLY SUITED TO THE AGRICULTURAL AND FARMING SECTORS FOR IRRIGATION PURPOSES, FOR CATCH TANK AND RESERVOIR CATCH-WATER PUMP OUT, FROM 8 TO 10 INCH WELL, WITH 10-20 MT DEEP, WATER BASIN AND WATER DRAIN FLOW PUMP OUT.
- FOR INDUSTRIAL COOLING, FEED-IN AND DISCHARGE WATER HANDLING.
- FOR PRESSURISATION, WITH TANK OR WELL PUMP INCLUSION.
- FOR FOUNTAINS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE
- TENUTA MECCANICA A BAGNO D'OLIO.
- IMMERSIONE MASSIMA: mt. 10.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- VERSIONI:
 - Monofase: 220-2770V/ 50Hz con protettore termico incorporato (SOLO VERSIONE 3HP).
 - Trifase: 380-400V/ 50Hz con protezione da sovraccarico a cura dell'utente.
- CAVO STANDARD:
 - Monofase: 10 mt H07RN-F senza spina (SOLO VERSIONE 3HP).
 - Trifase: 10 mt H07RN-F senza spina.
- OPZIONI:
 - CAVO PIU' LUNGO SU RICHIESTA.
 - SPECIALE VOLTAGGIO E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO GALLEGGIANTE ELETTROMECCANICO.
- GALLEGGIANTE 10-20mt. DI CAVO.
- RACCORDI IN ALLUMINIO.
- RIDUZIONE DA 3" A 2".

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- OIL BATH MECHANICAL SEALS.
- PERMISSIBLE EIGHT OF WATER: 10 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- VERSIONS:
 - Single Phase: 220-277V/50Hz with built in thermal protection. (ONLY 3HP VERSION)
 - Three Phases: 380-400V/50Hz with overload protection care of the User.
- STANDARD CABLE FEATURES:
 - Single Phase: 10 mt H07RN-F without connection plug (ONLY 3HP VERSION).
 - Three Phases: 10 mt H07RN-F without connection plug.
- OPTIONS:
 - CABLE LONGER THAN STANDARD VERSION ON REQUEST.
 - CUSTOMIZE VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

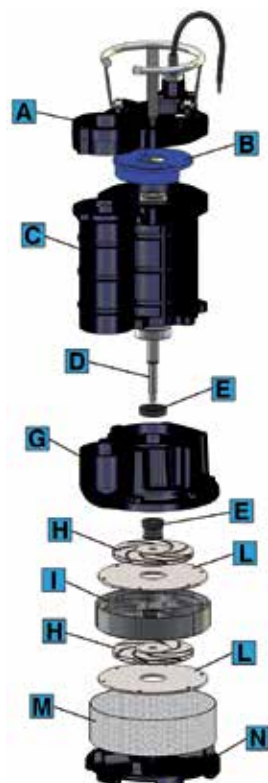
ACCESSORIES AVAILABLE ON DEMAND:

- THREE PHASES ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CONTROLS 10-20mt. ELECTRIC CABLE.
- ALUMINIUM CONNECTION PIECES.
- REDUCTION FROM 3" TO 2".

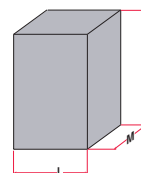
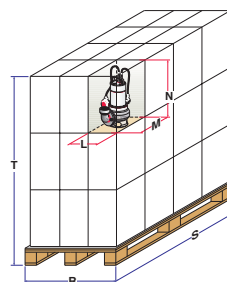
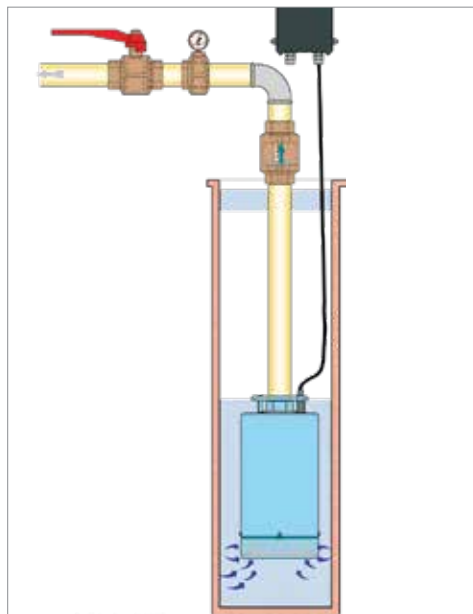
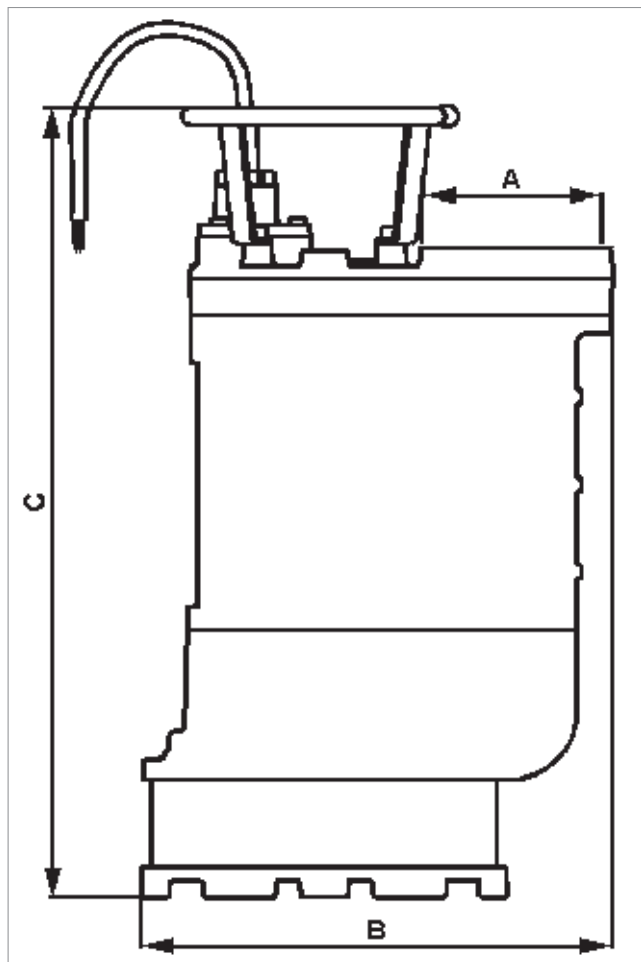
TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component	Materiale / Materials
A	Coperchio / Cover	GHISA (G20) / CAST IRON
B	Guarnizione / Gasket	GOMMA DIELETTRICA DIELECTRIC RUBBER
C	Carcassa motore / Motor housing	GHISA (G20) / CAST IRON
D	Albero (lato pompa) / Shaft (pump side)	ACCIAIO INOX AISI 316 DIN 1.4401 / STAINLESS STEEL
E	Tenuta meccanica / Mechanical seal	Lato Motore / Motor side ANELLO DI TENUTA NBR NBR SEALING RING
		Lato pompa / Pump side CARBURO DI SILICIO SILICON CARBIDE
G	Flangia inferiore / Upper flange	GHISA (G20) / CAST IRON
H	Girante / Impeller	ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL
I	Diffusore / Diffuser	GHISA (G20) / CAST IRON
L	Piattello / Disk	ACCIAIO / STEEL
M	Griglia / Greed	
N	Piatto / Disk base	GHISA (G20) / CAST IRON

JURBO 300-400-500



DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.		
	A	B	C
JURBO 300	3"	299	542,5
JURBO 400	3"	299	542,5
JURBO 500	3"	299	542,5

MODELLO / MODEL	DIMENSIONI CASSA IN LEGNO / WOODEN CASE				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L	M	N	Peso / Weight	R	S	T	nr.	Peso / Weight
	mm.	mm.	mm.	Kg.	mm.	mm.	mm.	wooden case	Kg.
JURBO 300	715	395	370	60,0	715	790	2200	12	720
JURBO 400	715	395	370	61,0	715	790	2200	12	732
JURBO 500	715	395	370	62,0	715	790	2200	12	744



JURBO LG

500 - 550 - 750 - 1000

ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER CANTIERISTICA **SUBMERSIBLE ELECTRIC PUMPS FOR COSTRUCTION WORK SITE DRAINAGE**

PREVALENZA : 26,0 ÷ 34,0 mt.
PORTATA : 30 ÷ 84 m³/h
POTENZA NOMINALE : 3,7 kW (5HP) ÷ 7,5 kW (10HP)

PUMP HEAD : 26,0 mt ÷ 34,0 mt
DELIVERY : 30,0 m³/h ÷ 84,0 m³/h
RATED HORSEPOWER : 3,7 kW (5,0HP) ÷ 7,5 kW (10,0HP)

APPLICAZIONI

- DRENAGGIO DI CANTIERI EDILI E DI CUNICOLI.
- MOVIMENTAZIONE DI ACQUE MODERATAMENTE CARICHE CONTENENTI MATERIALI ANCHE ABRASIVI, IMPIANTI DI IRRIGAZIONE, ACQUE PIOVANE E DI FALDA.

APPLICATIONS

- WORK SITE, TRENCH DUCTS AND UNDERGROUND PASSAGE PUMP OUT
- HANDLING OF MODERATELY FOUL WATER WITH MATERIAL AND/OR ABRASIVE MATERIAL CONTENTS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 10.
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- PASSAGGIO LIBERO: 10mm.
- VERSIONI:
Trifase: 380-400V/ 50Hz con protezione da sovraccarico a cura dell'utente.
- CAVO STANDARD:
Trifase: 10 mt H07RN-F senza spina.

SPECIALE VOLTAGGIO E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO GALLEGGIANTE ELETTROMECCANICO.
- GALLEGGIANTE 10-20mt. DI CAVO.
- RACCORDI IN ALLUMINIO.
- RIDUZIONE DA 4" A 3" (TURBO-LG 1000 T).

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
- PERMISSIBLE HEIGHT OF WATER: 10 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- BY PASS SECTION: 10mm.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- VERSIONS:
Three Phases: 380-400V/50Hz with overload protection care of the User.
- STANDARD CABLE FEATURES:
Three Phases: 10 mt H07RN-F without connection plug.

CUSTOMIZE VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

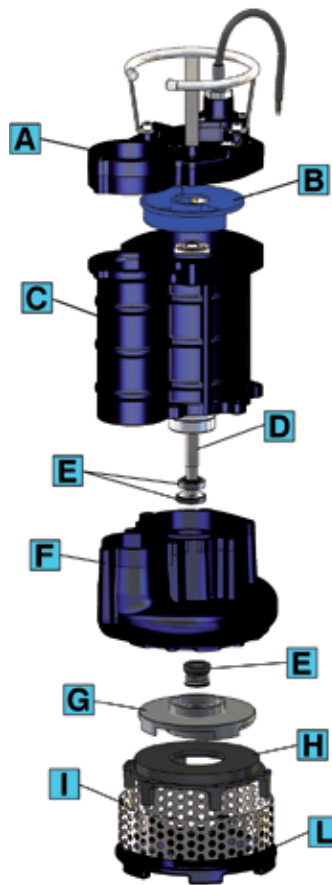
ACCESSORIES AVAILABLE ON DEMAND:

- THREE PHASES ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CONTROLS 10-20mt. ELECTRIC CABLE.
- ALUMINIUM CONNECTION PIECES .
- RIDUCTION FROM 4" TO 3" (TURBO-LG 1000 T).

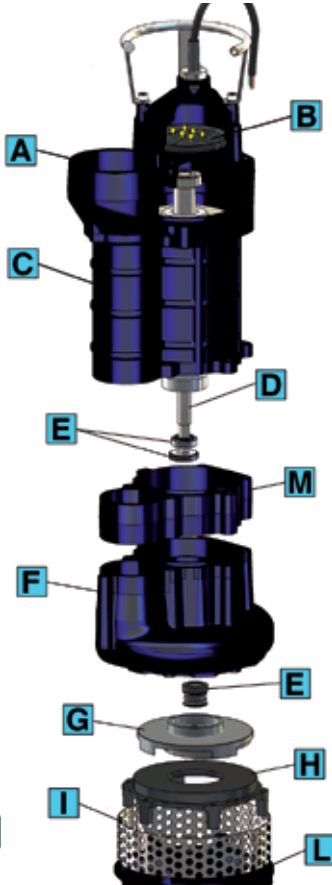
TABELLA MATERIALI / MATERIALS TABLE:

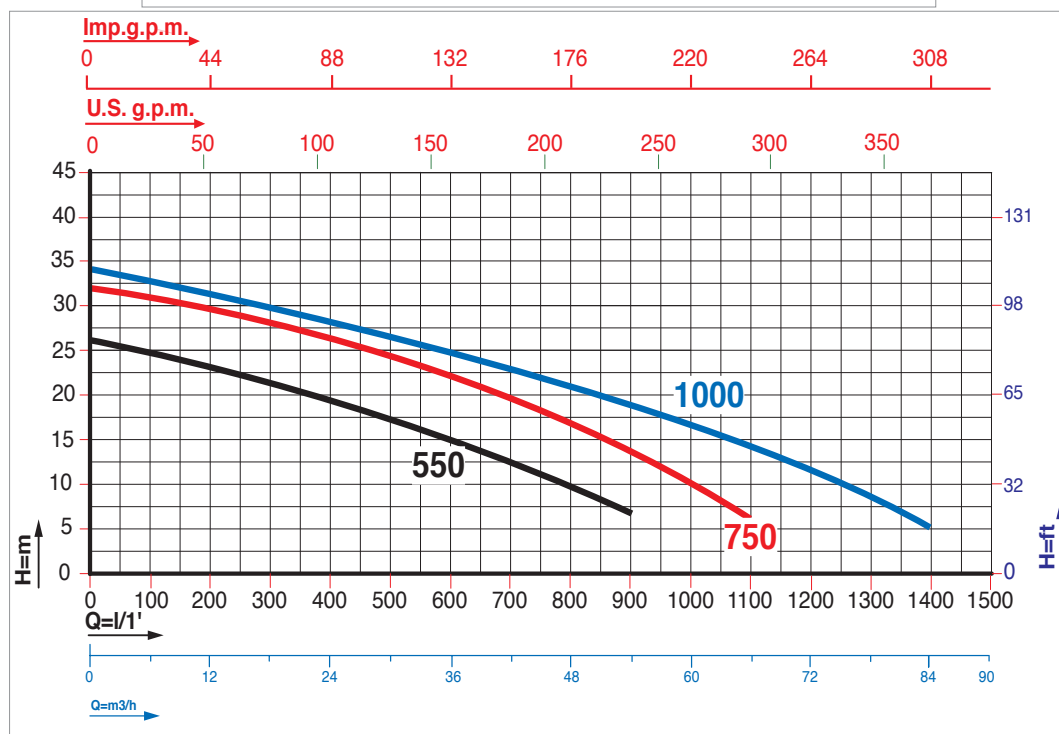
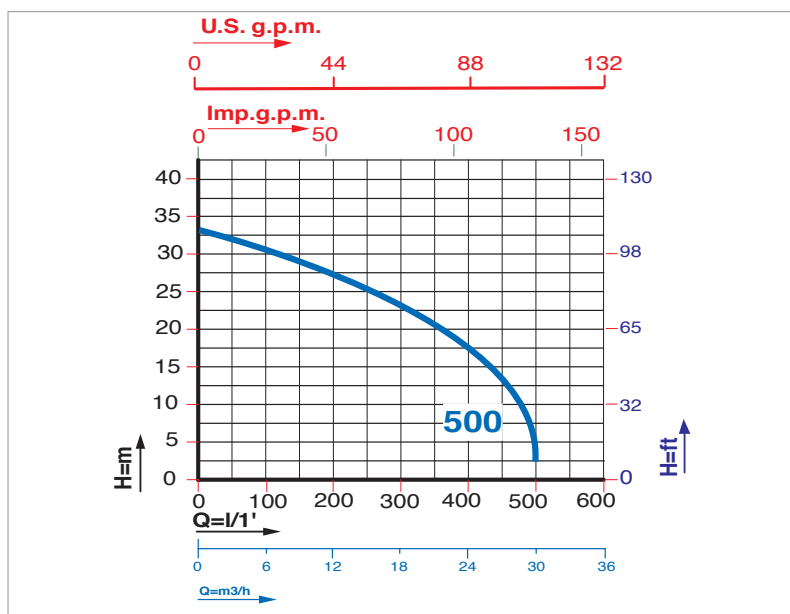
Pos.	Componente / Component	Materiale / Materials
A	Coperchio / Cover	GHISA (G20) / CAST IRON
B	Guarnizione / Gasket	JURBO-LG 500-550-750 GOMMA DIELETTRICA DIELECTRIC RUBBER
		JURBO-LG 1000 PLASTICA SPECIALE SPECIAL PLASTIC
C	Carcassa motore / Motor housing	GHISA (G20) / CAST IRON
D	Albero (lato pompa) / Shaft (pump side)	ACCIAIO INOX AISI 316 DIN 1.4401 / STAINLESS STEEL
E	Tenuta meccanica Mechanical seal	Lato Motore / Motor side CARBONE-ALLUMINA COAL - ALUMINA
		Lato pompa / Pump side CARBURO DI SILICIO SILICON CARBIDE
F	Flangia inferiore / Upper flange	GHISA (G25) / CAST IRON (G.25)
G	Girante / Impeller	GHISA (GJS400)
H	Diffusore / Diffuser	CAST IRON (GJS400) WITH TREATMENT
I	Griglia / Greed	ACCIAIO / STEEL
L	Piatto / Disk base	GHISA (G20) / CAST IRON
M	Prolunga / Extension	

JURBO LG 500-550-750



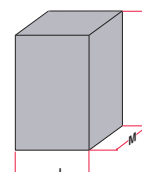
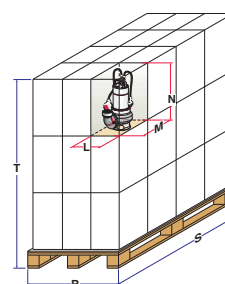
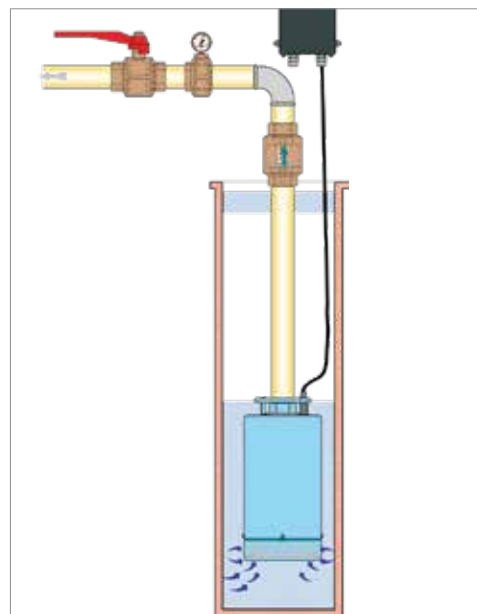
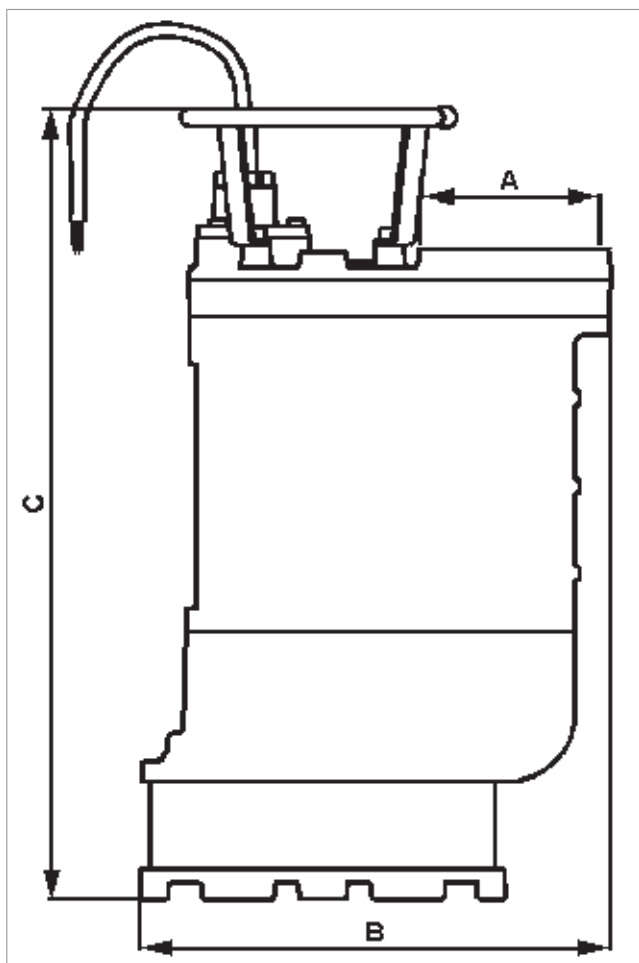
JURBO LG 1000





MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA							
		P1 max	P2 nom.	I max	Condensatore	Capacitor		m³/h	0	6	18	30	54	66	84
		kW	kW	HP	Ampere	µF	VC	l/min.	0	100	300	500	900	1100	1400
JURBO LG 500 T	3 x 380-400V	5,5	3,7	5,0	9,5	---	450	H (m)	33,0	30,0	23,0	2,5	---	---	---
JURBO LG 550 T	3 x 380-400V	5,5	3,7	5,0	9,5	---	---		26,0	24,5	21,5	18,0	7,0	---	---
JURBO LG 750 T	3 x 380-400V	7,5	5,5	7,5	11,5	---	450		32,0	31,0	27,5	24,5	13,5	6,0	---
JURBO LG 1000 T	3 x 380-400V	7,5	7,5	10,0	12,5	---	---		34,0	32,5	29,5	27,0	18,5	14,5	5,0

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.		
	A	B	C
JURBO-LG 500	3"	299	542,5
JURBO-LG 550	3"	299	542,5
JURBO-LG 750	3"	299	542,5
JURBO-LG 1000	4"	337	706

MODELLO / MODEL	DIMENSIONI CASSA IN LEGNO / WOODEN CASE				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L	M	N	Peso / Weight	R	S	T	nr.	Peso / Weight
	mm.	mm.	mm.	Kg.	mm.	mm.	mm.	wooden case	Kg.
JURBO-LG 500	715	395	370	60,0	715	790	2200	12	740
JURBO-LG 550	715	395	370	60,0	715	790	2200	12	740
JURBO-LG 750	715	395	370	62,0	715	790	2200	12	764
JURBO-LG 1000	700	800	330	90,0	700	800	2200	6	560

JURBO LG

200 - 300 - 400



ELETTROPOMPE SOMMERGIBILI BICANALI PER ACQUE CARICHE **SUBMERSIBLE TWIN-CHANNEL ELECTRIC PUMPS FOR WASTEWATER**

PREVALENZA : 16,0 ÷ 19,0 mt.
PORTATA : 30 ÷ 39 m³/h
POTENZA NOMINALE : 1,5 kW (2,0HP) ÷ 2,25 kW (3,0HP)

PUMP HEAD : 16,0 mt ÷ 19,0 mt
DELIVERY : 30,0 m³/h ÷ 39,0 m³/h
RATED HORSEPOWER : 1,5 kW (2,0HP) ÷ 2,25 kW (3,0HP)

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI NERI, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

APPLICATIONS

- DECANATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO.
LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 10.
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- PASSAGGIO LIBERO: 25mm.
- VERSIONI:
Trifase: 380-400V/ 50Hz con protezione da sovraccarico a cura dell'utente.
- CAVO STANDARD:
Trifase: 10 mt H07RN-F senza spina.

SPECIALE VOLTAGGIO E FREQUENZE A RICHIESTA.

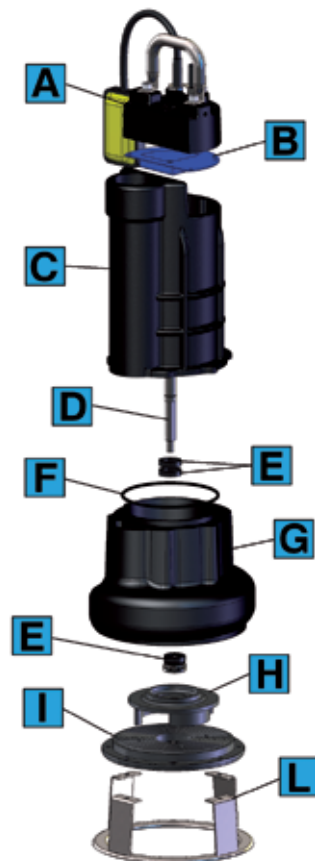
DESIGN ENGINEERING:

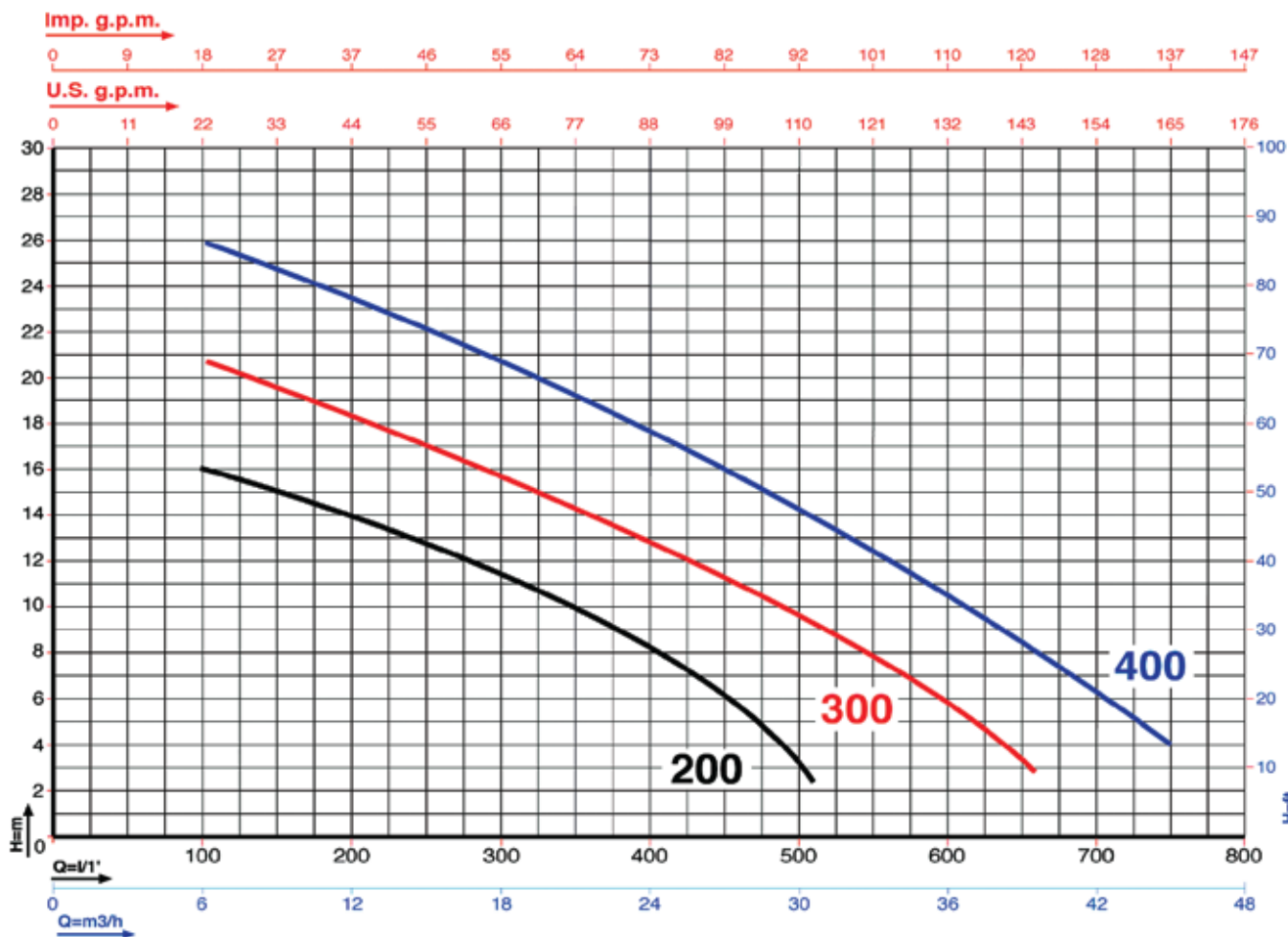
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH.
PUMP FACE: WATER BATH.
- PERMISSIBLE HEIGHT OF WATER: 10 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- BY PASS SECTION: 25mm.
- VERSIONS:
Three Phases: 380-400V/50Hz with overload protection care of the User.
- STANDARD CABLE FEATURES:
Three Phases: 10 mt H07RN-F without connection plug.

CUSTOMIZE VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Coperchio / Cover		GHISA (G20) / CAST IRON
B	Guarnizione / Gasket		GOMMA / RUBBER NBR 70
C	Carcassa motore / Motor housing		GHISA (G20) / CAST IRON
D	Albero / Shaft		ACCIAIO INOX AISI 416 DIN 1.4005 / STAINLESS STEEL
E	Tenuta meccanica / Mechanical seal	Lato Motore / Motor side	DOPPIO ANELLO DI TENUTA NBR NBR DOUBLE SEALING RING
		Lato pompa / Pump side	CARBURO DI SILICIO/ALLUMINA SILICON CARBIDE-ALUMINA
F	O-ring		NBR
G	Flangia inferiore / Upper flange		GHISA (G25) / CAST IRON
H	Girante / Impeller		GHISA (G20) / CAST IRON
I	Diffusore / Diffuser		
L	Piattello / Disk base		ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL

JURBO TC 200-300-400




Caratteristiche di funzionamento a 2850 rpm 50Hz -Performances at 2850 rpm 50 Hz

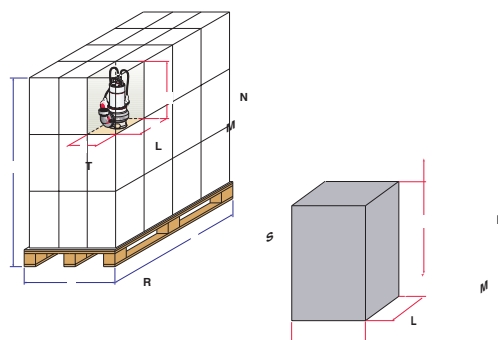
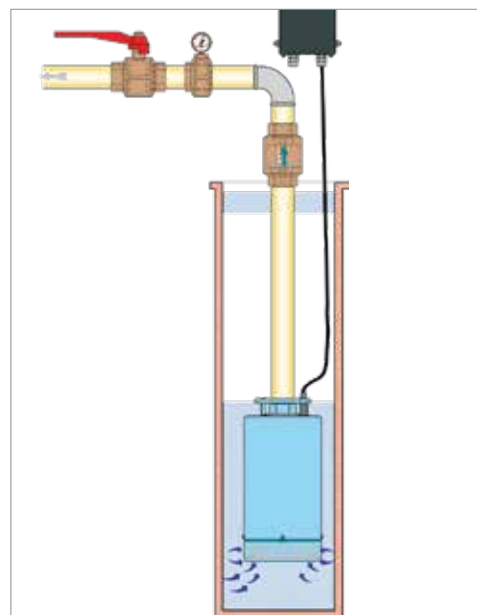
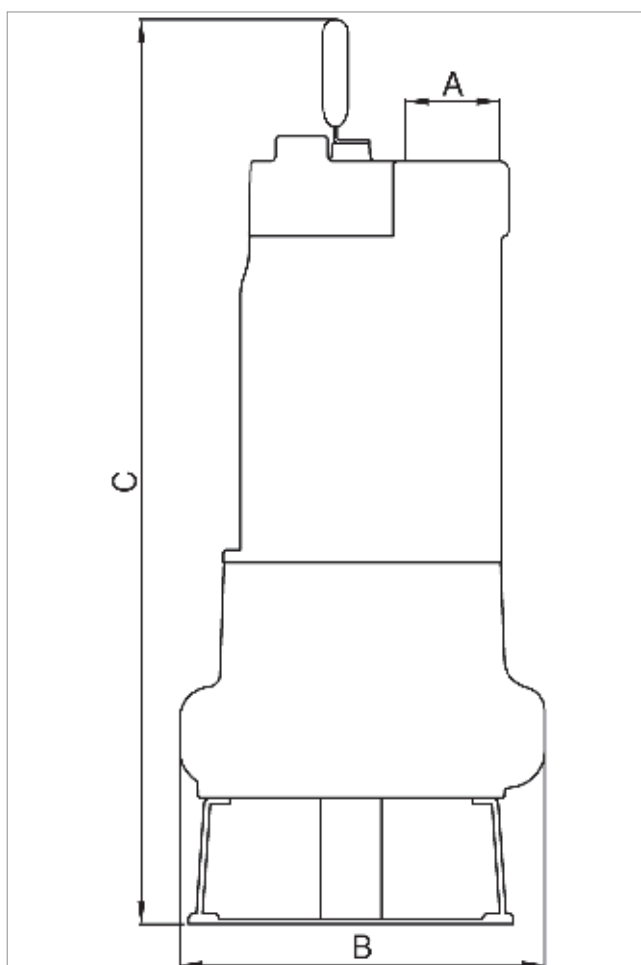
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1max		P2 nom.		I max	Condensatore Capacitor	m³/h	6	9	15	18	24	27	30	39	45
		kW	kW	HP	Ampere	µF		VC	l/min.	100	150	250	300	400	450	500	650
JURBO TC 200 M	1 x 220-230V	3,0	1,5	2,0	13,5	40	450	H (m)	16,0	15,0	12,5	11,0	8,0	5,5	1,0	---	---
JURBO TC 200 T	3 x 380-400V	2,3	1,5	2,0	4,0	---	---		16,0	15,0	12,5	11,0	8,0	5,5	1,0	---	---
JURBO TC 300 M	1 x 220-230V	3,5	2,25	3,0	15,0	500	450		19,0	17,5	15,5	14,5	11,5	10,0	8,0	1,0	---
JURBO TC 300 T	3 x 380-400V	3,3	2,25	3,0	6,0	---	---		19,0	17,5	15,5	14,5	11,5	10,0	8,0	1,0	---
JURBO TC 400 T	3 x 380-400V	5,5	3,0	4,0	9,1	---	---		26,0	24,5	22,0	20,5	17,5	16,0	14,0	8,5	4,0

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

PREVALENZA TOTALE in METRI COLONNA ACQUA
TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.		
	A	B	C
JURBO TC 200	2"	240	618
JURBO TC 300	2"	240	618
JURBO TC 400	2"	240	618

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L	M	N	Peso / Weight	R	S	T	nr.	Peso kW
	mm.	mm.	mm.	Kg.	mm.	mm.	mm.	scatole/cartons	eight
JURBO TC 200	640	260	370	45,0	800	1200	2060	21	970
JURBO TC 300	640	260	370	45,0	800	1200	2060	21	970
JURBO TC 400	640	260	370	46,0	800	1200	2060	21	991

Not:

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Not:



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