



F.B.
SUBMERSIBLE MOTORS
 MONTORSO - VICENZA - ITALY
 Tel.: +39 0444 451330

Pump Model: FB10SX280/3A-B

Operating Characteristics

Q:	Flow rate:	1380 us.gpm
H:	Head:	350 ft
rpm:	Speed:	3492 rpm

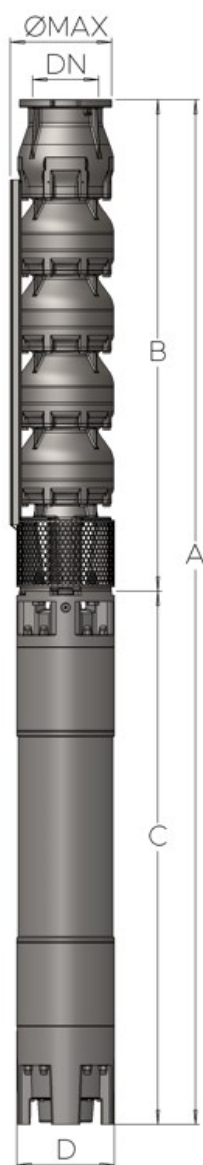
Pump Data

Actual flow rate:	1404 us.gpm
Actual head:	362 ft
Efficiency:	82.9 %
Shaft power:	115.7 kW
Max shaft power:	115.8 kW
NPSH:	31.7 ft
Motor Poles:	2

Motor data

Nominal power:	132.0 kW
Nominal speed:	3492 rpm
Frequency:	60 Hz
Rated voltage:	460 V
Rated current:	224 A
Cos Φ:	0.85 %
Efficiency:	87 %

Dimensions



A mm	B mm	C mm	Ø Motor mm	Ø Pump mm	Ø Max mm	DN	A kg	B kg	C kg
2846	1038	1808	240	254	254	G 6" DN 150	489	72	417

Operating Limits

Max sand content:	100 g/m³
Pump Max. water temperature:	90 °C
Motor Max. water temperature:	60 °C
Min. speed around motor:	0.15 m/s
Max. starts/hour:	10
Permissible voltage variation:	-10%/+10%

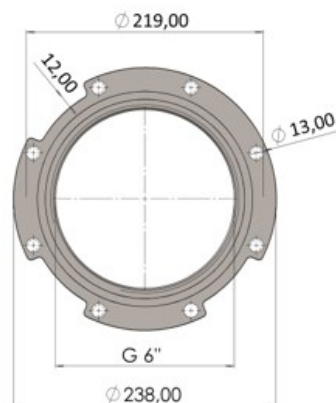
Pump Materials

Impeller:	AISI 316
Pump bowls:	AISI 316
Outlet body:	AISI 316
Shaft:	Duplex
Suction inlet:	AISI 316
Screws:	AISI 316

Motor Materials

Materials:	AISI 316
Lower Suppor:	AISI 316
Superior Support:	AISI 316
Flange:	AISI 316
Rotor:	Duplex
Stator:	AISI 316
Screws:	AISI 316
Winding:	PE2+PA

Discharge nozzle



GOL Pump Technology INC
 Supply, Import, Export Water Pumps

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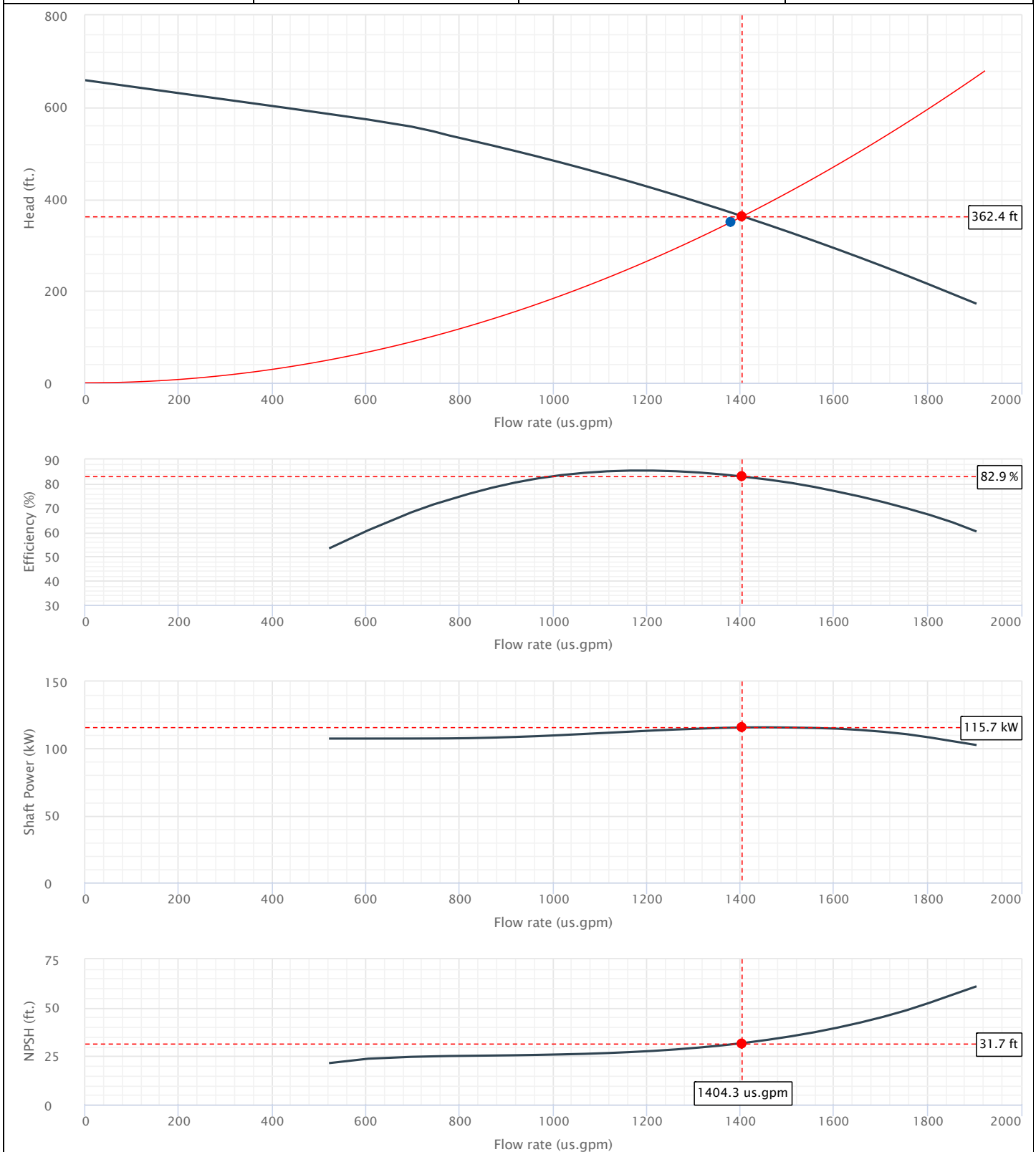


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Duty Point

Flow rate	1404 us.gpm	Differential head	362 ft	Max. absolute power	115.8 kW
Motor power	132.0 kW	Speed	3492 rpm	Frequency	60 Hz
				Fluid	Water 20°C



Tolerances according to EN ISO 9906 app.A Gr.2



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