

## AVAILABLE MOUNTING CONFIGURATIONS

4616SM-RP-F REDI-PRIME FRAME MOUNT  
4616SM-F FRAME MOUNT

## OPERATING LEVELS

<b>MIN FLOW</b>	360 GPM	82 m <sup>3</sup> /h
<b>MAX FLOW</b>	3200 GPM	727 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	4"	100 mm
<b>SUCTION SIZE</b>	6"	150 mm
<b>SOLIDS HANDLING</b>	2"	5 mm
<b>MAX SPEED</b>	2000 RPM	2000 RPM
<b>SHUT-OFF HEAD</b>	375'	115 m
<b>BEP HEAD</b>	320'	98 m
<b>BEP FLOW</b>	2250 GPM	510 m <sup>3</sup> /h
<b>BEP PERCENT</b>	66%	66%



A typical picture of the pump is shown. Please contact InterTech Pump Company for further details. All information is approximate and for general guidance only.

PARTS	HIGH CHROME
<b>IMPELLER</b>	CHROME IRON
<b>VOLUTE</b>	CHROME IRON
<b>VOLUTE CASING</b>	CHROME IRON
<b>SHAFT</b>	4140 STEEL
<b>SHAFT SLEEVE</b>	420 STAINLESS STEEL
<b>SUCTION COVER</b>	DUCTILE IRON
<b>WEAR PLATE</b>	CHROME IRON
<b>BACKPLATE</b>	CHROME IRON
<b>EXPELLER</b>	CHROME IRON

The 4616SM pump is designed with InterTech's renowned quality and durability. It features a 4" discharge, 6" suction, and enclosed impeller. The pump body construction is high-chrome white iron. InterTech's patented Cycloseal® design with Cycloguard™ is standard, with a Type 2 single mechanical seal with Buna-N elastomers, and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. The bearing frame includes tapered roller bearings.

Multiple gland seal options: Cycloseal - standard. Optional - Packed gland arrangements, expeller seal and double mechanical seal.

- CycloGuard™ to reduce inlet recirculation
- Six vane impeller for high efficiency
- Infinitely variable volute and discharge position
- Grease or oil lubricated bearing frame
- Ideal for series/multistage pumping applications
- Back pullout design to simplify maintenance



AGRICULTURE



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MINING



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OIL & GAS

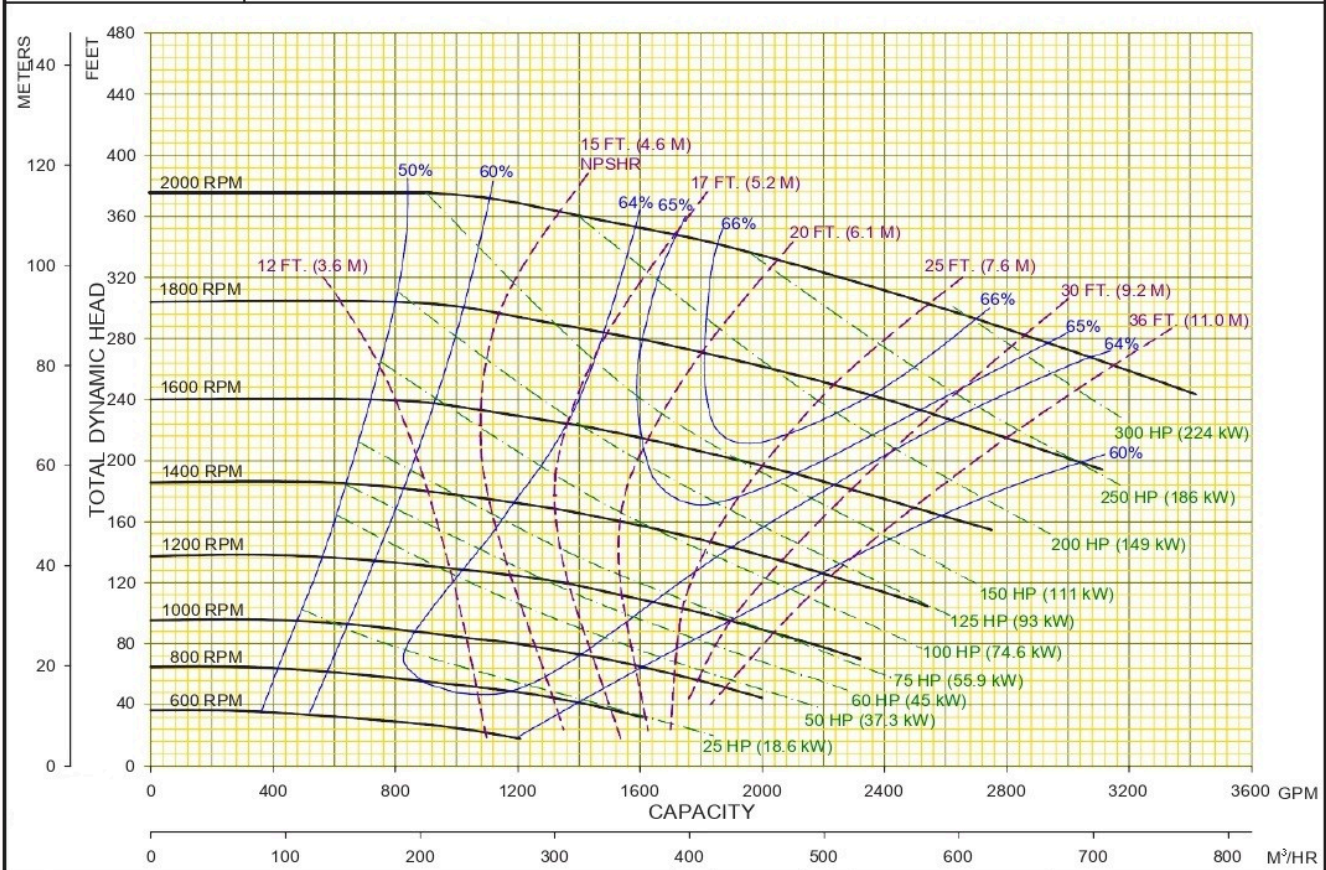


REFRIGERATION



RENTAL

Performances shown are for S.G. 1.0 60°F water, frame mounted configuration with Cycloseal. Other mounting styles or S.G. may require curve adjustments.	Speed	Impeller Dia.	Style	Volute	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. Vanes
	VARIOUS	15.75" (400mm)	ENCLOSED	SINGLE	2" (50mm)	1230	6" (150mm)	4" (100mm)	6



InterTech Pump Company	00	08/31/16	JG	MODEL : 4616SM	CURVE NO. <b>4616SMVA</b>
	AC	12/17/15	JG	TYPE : SLURRY	