

XTREME DUTY

4" SINGLE AND THREE PHASE MOTORS,
2-10 HP, 230 AND 460 VOLT

Got an Aggressive well?

The Goulds Water Technology Xtreme Duty 4" submersible motors are designed to handle the toughest submersible pump applications on the planet. Combine the Xtreme Duty motor with the Goulds Water Technology 4" GS Xtreme submersible pump for superior abrasives handling.

FEATURES

- Silicon Carbide Mechanical Seal to protect against sand and abrasive damage
- NEMA Dimension - 304 SS Cast Top End Bell
- Kingsbury Type 1500 # Thrust Bearing
- 17-4 PH (Precipitation Hardened) Stainless Steel Shaft Extension
- Removable 180" Motor Lead
- Pressure equalizing diaphragm and housing with felt filter
- Cast Stainless Steel Thrust Housing
- Epoxy Coated Diaphragm Housing
- Lightning/surge protection built-in on 230 volt motors
- Water lubricated with filter check valve to maintain fluid fill
- Rated for continuous duty in water of 86° F (30° C)



CentriPro
a xylem brand

XTREME DUTY, 4" SINGLE-PHASE CENTRIPRO MOTORS - ELECTRICAL DATA

Type	CentriPro Model	HP	KW	Volts	Full Load		Service Factor	
					Amps	Watts	Amps	Watts
3 Wire CSCR	M20412XD	2	1.5	230	10.4/9.7/2.7	2200	13.0/12.5/2.7	2700
	M30412XD	3	2.2		14.3/12.0/5.7	3170	16.5/13.9/5.6	3620
	M50412XD	5	3.7		24/19.1/10.2	5300	27/22/10	6030

XTREME DUTY, 4" THREE-PHASE CENTRIPRO MOTORS - ELECTRICAL DATA

Type	CentriPro Model	HP	KW	Volts	SF	Full Load		Service Factor	
						Amps	Watts	Amps	Watts
3 Phase	M30432XD	3	2.2	230	1.15	9.2	2880	10.1	3280
	M50432XD	5	3.7			15.7	4925	17.5	5650
	M75432XD	7.5	5.5			24	7480	26.4	8570
	M30434XD	3	2.2	460	1.15	4.8	2920	5.3	3320
	M50434XD	5	3.7			7.6	4810	8.5	5530
	M75434XD	7.5	5.5			12.2	7400	13.5	8560
	M100434XD	10	7.5			15.6	9600	17.2	11000

Part Name	Material
Shaft Extension	17-4 PH Stainless Steel
Sand Slinger/Slinger Seat	NBR/ Delrin
Top End Bell - NEMA Mounting	304 SS Casting
Upper Bearing Housing	304 Stainless Steel
Motor Shell	304 Stainless Steel
Mechanical Seal Cover	Sintered Bronze
Mechanical Seal	Silicon Carbide/Silicon Carbide
Lead Wire	XLPE 14 AWG - 180"
Lead Potting	Epoxy
Lead Connector	18-8 Stainless Steel
Fasteners	18-8 Stainless Steel
Radial Bearings - Upper & Lower	Carbon Sleeve Bearing
Thrust Bearing Housing	304 Stainless Steel Casting
Thrust Bearing	1500# Kingsbury Type
Diaphragm Housing	Epoxy Coated Cast Iron
Diaphragm Filter	Felt
Diaphragm Filter Cover	304 Stainless Steel
Lightning Protection	On 230 Volt only

AGENCY LISTINGS



CentriPro Motor - tested to UL778 CAN 22.2 by
CSA International (Canadian Standards Association)



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