



NOTES:

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. WHEN INSTALLING, ALLOW 50 - 71" LINEAR CLEARANCE TO FLANGE FOR HOSE CHANGING

SPX50 High-Pressure Hose Pumps

Technical Specifications

Displacement: 0.766 gal/rev
 Supply: 230/460 or 575 three phase
 Operating Speeds: Up to 60 rpm continuous
 Up to 90 rpm intermittent
 Fluid Temperature Range: -4° to 175°F
 Hose Lubricant Required: 2.6 gallons
 Flow Range: Up to 69 gpm
 Discharge Pressure: Up to 232 psi
 Suction pressure: 28 ft. lift to 38 psi
 Available Hose Materials: Natural Rubber,
 BUNA N, BUNA K, EPDM, Hypalon (pending)
 Available Insert Materials: Polypropylene,
 316 SS, PVDF, PVC
 Fittings: 2" 150# Flange

GEAR REDUCER	INPUT FRAME	A	WT. LBS.	MOTOR P/N	B	FRAME	HP	ENCLOSURE	WT. LBS.
GRD2020	140TC	11.1	59	PI4G9258	11.5	145TC	20	TEFC-EN	44
	180TC	11.7	68	PI4X1487	13.5	145TC	20	TEFC-XE	49
	210TC	11.7	67	PI4X3256	11.5	145TC	20	TEFC-ENT	43
GRT3020	140TC	12.7	65	PI4G7532	11.9	145TC	20	TEFC-XE-X	125
	180TC	13.2	74	PI4X4511	10.8	145TC	20	FCEZ-EN+	46
	210TC	13.2	73	PI4J2446	12.6	145TC	20	FCXP	70
GRD2030	140TC	11.1	65	PI4X9129	12.7	145TC	20	FCXP-ENT	55
	180TC	11.7	74	PI8G3882	14.5	182TC	30	TEFC-EN	110
	210TC	11.7	75	PI8G1132	14.5	182TC	30	TEFC-XE	118
GRT3030	140TC	12.7	74	PI8G3888	14.5	182TC	30	TEFC-ENT	110
	180TC	13.2	83	PI8G1123	14.5	182TC	30	TEFC-XE-X	125
	210TC	13.2	82	PI4X3849	13.8	145TC	30	FCEZ-EN+	50
SPX50 Pumphead			478	PI8G2521	15.3	182TC	30	FCXP	82
				PI8G3883	14.5	184TC	50	TEFC-EN	120
				PI8G1133	14.5	184TC	50	TEFC-XE	118
				PI8G3889	14.5	184TC	50	TEFC-ENT	120
				PI8G1124	14.5	184TC	50	TEFC-XE-X	125
				PI8G3864	13.8	184TC	50	FCEZ-EN+	135
				PI8G105L	15.3	184TC	50	FCXP	125
				P21G3882	17.0	213TC	75	TEFC-EN	170
				P21G1101	17.0	213TC	75	TEFC-XE	180
				P21G3888	17.1	213TC	75	TEFC-ENT	170
				P21G109L	17.1	213TC	75	TEFC-XE-X	185
				P21G1105	16.9	215TC	75	FCEZ	110
				P21G1034	17.8	213TC	75	FCXP	154

Note: Dimensions shown are based on the standard pump and motor configuration. Overall length may vary depending on actual motor selection.

Materials of Construction

Pumphead: Cast iron
 Rotor: Cast iron
 Cover: Mild steel
 Hub: Cast iron
 Shoes: Epoxy
 Flanges and Flange Brackets: Galvanized steel or 304 SS
 Frame: Galvanized steel or 304 SS
 Hardware: Zinc plated steel or 304 SS
 Shaft: Alloy steel
 Shims: 316 SS
 Seals: NBR

The information contained in this document is believed to be correct, but Watson-Marlow/Bredel Pumps accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.



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