

# SUBMERSIBLE SOLIDS HANDLING PUMPS

## 4SD(X) SERIES

<b>RPM</b>	3500			
<b>MOTOR TYPE</b>	PREMIUM EFFICIENT, IEC 60034 -30 LEVEL IE3			
<b>MOTOR DESIGN NEMA TYPE</b>	A or B (3Ø)			
<b>GENERAL INSULATION CLASS</b>	H			
<b>STATOR WINDING CLASS</b>	H			
<b>MAXIMUM STATOR TEMPERATURE RATING</b>	356°F (180°)			
<b>MOTOR PROTECTION</b>	3 PHASE, BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 130°C AND AUTOMATICALLY RESET @ 82°C DIFFERENTIAL			
<b>ELECTRICAL RATINGS</b>	HEAT SENSOR	24VDC 5 AMPS	115VAC 5AMPS	230VAC 5AMPS
	SEAL FAIL	300VAC 5mA		
<b>VOLTAGE TOLERANCE</b>	±10%			

HP	VOLTAGE	PHASE	NEC CODE	SF	FULL LOAD AMPS	SF AMPS	LOCKED ROTOR AMPS	RUN KW	START KVA	RUN KVA	MTR. EFFICIENCY @100% FL	PWR. FACT. @SF	PWR. FACT. @100% FL	PWR. FACT. @75% FL	PWR. FACT. @50% FL
25	230	3	G	1.15	77.8	90.0	386.0	28.1	153.6	31.0	91.7	90.2	91.5	92.0	92.0
	460				38.9	45.0	193.0	28.1	153.6	31.0	91.7	90.2	91.5	92.0	92.0
	575				31.1	36.0	143.0	28.1	142.2	30.9	91.7	90.2	91.5	92.0	92.0
30	460	3	J	1.15	41.0	48.1	290.0	39.2	230.8	32.6	91.7	91.5	92.0	90.8	90.6
	575				32.8	38.5	232.0	39.2	230.8	32.6	91.7	91.5	92.0	90.8	90.6
40	460	3	G	1.0	59.0	70.0	290.0	42.2	230.8	47.0	92.4	-	90.0	92.0	90.0
	575				47.2	56.0	232.0	42.2	230.8	47.0	92.4	-	90.0	92.0	90.0

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