

TECHNICAL DATA SHEET PSW

PUMP MODEL	PSW-50	PSW-75	PSW-100
PRODUCT CODE	320-1050	320-1075	320-1100
SUCTION (in)	1 1/4	1 1/4	1 1/4
DISCHARGE (in)	1	1	1
MOTOR CODE	151-2220	151-2240	151-2250
HP	1/2	3/4	1
VOLTAGE	115 / 230	115 / 230	115 / 230
AMPERAGE	8,4 / 4,2	11,6 / 5,8	13,6 / 6,8
SF	1.9	1.65	1.65
PHASES	1	1	1
MOTOR TYPE	ODP	ODP	ODP
PUMP LENGTH (in)	17.0	17.0	17.0
PUMP WIDTH (in)	9.5	9.5	9.5
PUMP HEIGHT (in)	8.3	8.3	8.3
MOTOR WEIGHT (lbs)	19	19	23
COMPLETE PUMP WEIGHT (lbs)	43	43	45

FEATURES

High-performance Noryl impeller
Self-lubricating mechanical seal made of carbon and ceramic for increased durability
0-100 PSI pressure gauge
Pump body and mechanical seal plate made of fine-grain cast iron treated with corrosion-resistant paint
Stainless steel plugs and fittings for the pressure line connection
Stainless steel shaft for electric motors
Molded polycarbonate diffuser
Stainless steel injector nozzle

PERFORMANCE TABLE							
MODEL	HP	DISCHARGE PRESSURE (PSI)	DEPTH (Feet)				
			5	10	15	20	25
			CAPACITY (US GALLONS / HOUR)				
PSW-50	1/2	20	800	710	610	510	410
		30	780	700	600	500	380
		40	650	560	500	420	340
		50	350	310	270	250	190
		60	200	180	150	100	50
PSW-75	3/4	20	890	760	700	560	450
		30	870	750	690	550	440
		40	720	620	550	480	400
		50	470	360	310	270	220
		60	240	180	140	120	70
PSW-100	1	20	1260	1025	880	790	620
		30	1240	1010	870	775	610
		40	1125	960	860	770	580
		50	760	630	580	490	400
		60	425	320	220	180	140