



PABOOL PUMPS

Pabool Pumps are Designed for Sprinkler System & General Irrigation

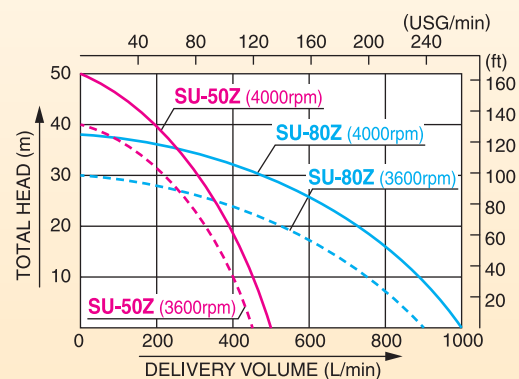
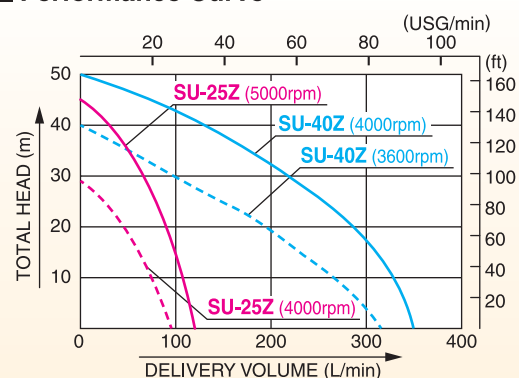


SU-40Z



SU-50Z

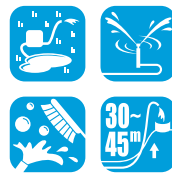
Performance Curve



Specifications

Model	SU-25Z		SU-40Z		SU-50Z		SU-80Z	
Connection Dia	25 mm (1")		40 mm (1½")		50 mm (2")		80 mm (3")	
Connection Thread	Outer Pipe Thread BSP							
Revolution	4000 rpm	5000 rpm	3600 rpm	4000 rpm	3600 rpm	4000 rpm	3600 rpm	4000 rpm
Total Head	29 m (95 ft)	45 m (148 ft)	40 m (131 ft)	50 m (164 ft)	40 m (131 ft)	50 m (164 ft)	30 m (98 ft)	38 m (124 ft)
Delivery Volume	96 L/min (25 USG/min)	120 L/min (32 USG/min)	315 L/min (83 USG/min)	350 L/min (92 USG/min)	450 L/min (119 USG/min)	500 L/min (132 USG/min)	900 L/min (238 USG/min)	1000 L/min (264 USG/min)
Output	1.5 kW (2 PS)	2.2 kW (3 PS)	4.0 kW (3 PS)	3.7 kW (5 PS)	3.7 kW (5 PS)	5.5 kW (7.5 PS)	5.5 kW (7.5 PS)	7.5 kW (10 PS)
Standard Accessories	1 Strainer, 2 Couplings, 3 Hose Bands							
Gross Weight	33 kg (72.7 lbs)		24 kg (52.9 lbs)		31 kg (68.3 lbs)		36 kg (79.3 lbs)	
Dimensions L×W×H (mm)	663 × 461 × 245		384 × 469 × 284		535 × 404 × 310		535 × 437 × 453	
Packing Unit	4		2		2		2	

Powerful Pressure & Enhanced Durability



Double Life Span Durability

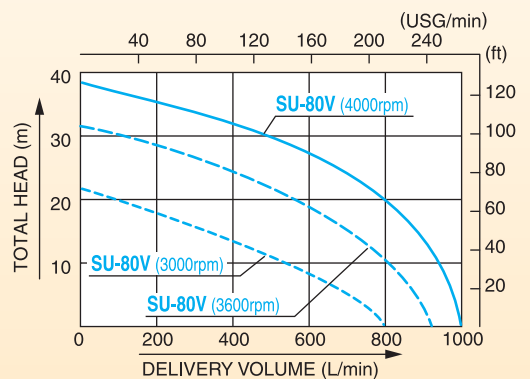
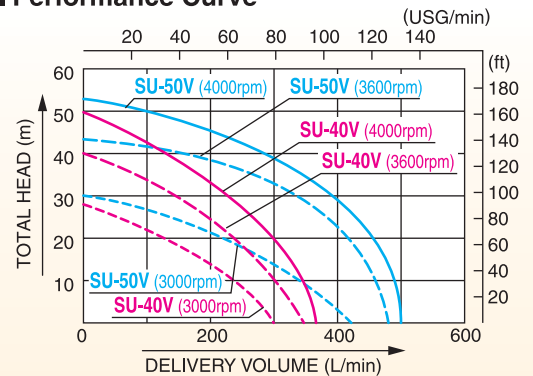
Mechanical Seal

Standard type → **SU-V series**

Impeller

Standard type (4 blades) → **SU-V series (6 blades)**

■ Performance Curve



■ Chart Shows Co-relation Between Motor Rotation and Pulley Diameter

Hz	Model		SU-40V • SU-50V • SU-80V					
	Motor Poles (Revolution)	Revolution	3000		3600		4000	
			mm	inch	mm	inch	mm	inch
50	2P (2880 rpm)		81	3½	96	4	106	4½
	4P (1430 rpm)		161	6½	191	8	211	9
	6P (960 rpm)		235	9	291	12	326	13
60	2P (2880 rpm)		66	2½	81	3½	91	3½
	4P (1430 rpm)		129	5	161	6½	91	8
	6P (960 rpm)		191	8	235	9	261	10

■ Specifications

Model	SU-40V			SU-50V			SU-80V		
Connection Dia	40 mm (1½")			50 mm (2")			80 mm (3")		
Connection Thread	Outer Pipe Thread BSP								
Revolution	3000 rpm	3600 rpm	4000 rpm	3000 rpm	3600 rpm	4000 rpm	3000 rpm	3600 rpm	4000 rpm
Total Head	28 m (91 ft)	40 m (131 ft)	50 m (164 ft)	30 m (98 ft)	42 m (137 ft)	53 m (173 ft)	21 m (68 ft)	31 m (101 ft)	38 m (124 ft)
Delivery Volume	300 L/min (79 USG/min)	350 L/min (92 USG/min)	370 L/min (98 USG/min)	430 L/min (113 USG/min)	480 L/min (127 USG/min)	500 L/min (132 USG/min)	800 L/min (211 USG/min)	920 L/min (243 USG/min)	1000 L/min (264 USG/min)
Max. Suction Head	7 m (23 ft)	8 m (26 ft)		7 m (23 ft)	8 m (26 ft)		7 m (23 ft)	8 m (26 ft)	
Output	1.5 kW (2 PS)	2.2 kW (3 PS)	3.7 kW (5 PS)	2.2 kW (3 PS)	3.7 kW (5 PS)	5.5 kW (7.5 PS)	3.7 kW (5 PS)	5.5 kW (7.5 PS)	7.5 kW (10 PS)
Standard Accessories	1 Strainer, 2 Couplings, 3 Hose Bands								
Gross Weight	13.5 kg (29.7 lbs)			16 kg (35.3 lbs)			24 kg (52.9 lbs)		
Dimensions LxWxH (mm)	360 × 212 × 240			392 × 250 × 280			434 × 277 × 378		
Packing Unit	1								