

Diesel Pumpset - High Speed, Water-Cooled & Air-Cooled, Light Weight 3 to 9 HP

TECHNICAL DATA (STANDARD PUMPSETS)								
Sr. No.	Diesel Engine HP / RPM Model No.	Pump Size (mm) Type Model No.	Head (mtrs) Duty Point & Range	Discharge (lps) At Duty Point & Range	Pumpset Weight with M.S.B.F.		Pumpset Weight with Trolley	
					Nett (kgs)	Gross (kgs)	Nett (kgs)	Gross (kgs)
1	3 / 1500 90A* (W/C) 3.5 / 1500 91A* (W/C)	50 x 50 (VC) VS22	11 9 - 12	7 9 - 5	125	175	135 (2W) 140 (4W)	185 (2W) 190 (4W)
		65 x 50 (VC) VS252A*	11 9 - 12	10 12 - 8				
		80 x 65 (VC) VS325A*	10 8.5 - 11	14 16 - 12				
2	4.5 / 2050 92A* (W/C)	60 x 50 (VC) VS252*	16 13.5 - 17	11 14 - 8	125	175	135 (2W) 140 (4W)	185 (2W) 190 (4W)
3	5 / 2150 93A* (W/C)	80 x 65 (VC) VS325*	16 13.5 - 17	13 16 - 10	125	175	135 (2W) 140 (4W)	185 (2W) 190 (4W)
		80 x 80 (VC) VS33	15 12.5 - 16	15 18 - 12.5				
4	5 / 1500 50M 6.5 / 1600 65M	80 x 65 (OS) VMS325*	16** 13.5 - 17	16** 18 - 13	170	225	180 (2W) 185 (4W)	235 (2W) 240 (4W)
		80 x 80 (OS) VMS33*	15** 12.5 - 16	16.5** 19 - 13				
		100 x 100 (OS) VMS44A	12** 9.5 - 13	20** 24 - 15	175	230	185 (2W) 190 (4W)	240 (2W) 245 (4W)
5	7.5 / 1800 75MA 8 / 1800 80MA	80 x 65 (OS) VMS325A	21 17 - 22	17 20 - 13	170	225	180 (2W) 185 (4W)	235 (2W) 240 (4W)
		80 x 80 (OS) VMS33A	20 16 - 21	19 23 - 15				
		100 x 100 (OS) VMS44B	14 11.5 - 15	20.5 25 - 17	175	230	185 (2W) 190 (4W)	240 (2W) 245 (4W)
6	7.5 / 1500 75M 8 / 1600 80M	80 x 65 (OS) VMS325H (VSP)	28 22.5 - 29.5	11 15 - 6	180	235	190 (2W) 195 (4W)	245 (2W) 250 (4W)
		100 x 100 (OS) VMS44*	14** 11.5 - 15	20.5** 25 - 16				
		150 x 150 (OS) VMS66	8** 6.5 - 8.5	40** 50 - 35	200	255	210 (2W) 215 (4W)	265 (2W) 270 (4W)
7	9 / 1800 90M	100 x 100 (OS) VMS44C	18 14.5 - 19	21 26 - 18	180	235	190 (2W) 195 (4W)	245 (2W) 250 (4W)
		150 x 150 (OS) VMS66A	9 7.5 - 9.5	45 53 - 40	200	255	210 (2W) 215 (4W)	265 (2W) 270 (4W)

- VC = Volute Casing, Centre Delivery, Single Ball Bearing Gland type Pump (Centre Height 150mm)
- OS = Volute Casing, Centre Delivery, Double Taper Bearing, Oil Seal Type Pump (Centre Height 170mm)
- VM = Volute Casing, Centre Delivery, Combined Unit, Mechanical Seal Type Monoset (Centre Height 170mm)
- SC = Split Casing, Side Delivery, Double Ball Bearing, Gland Type Pump (Centre Height 203.2mm)
- 2W = Two Wheel Trolley
- 4W = Four Wheel Trolley
- W/C = Water-Cooled Diesel Engine
- A/C = Air-Cooled Diesel Engine
- VSP = Variable Speed Pumpset (Heat & Discharge At 1625 RPM)

(i) Gross Weight of Direct Coupled/ Belt Driven Pumpset Shown Above Includes Weight of Diesel Engine Packed in Wooden Case But Pump with M.S. Base Frame / Trolley in Loose Condition. The Complete Unit Packed in Single Wooden Case Would Result 10-12% Additional Increase in Total Gross Weight.

(ii) *Models 'ISI' Marked

(iii) **Head & Discharge At 1500 RPM