

Diesel Pumpset - High Speed, Water-Cooled 5 to 18 HP

TECHNICAL DATA (STANDARD PUMPSETS)						
Petter Type, High Speed, Water-Cooled Diesel Pumpsets (Direct Coupled)						
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 Weigh with M.S.B.F. Nett / Gross (kgs)	Pumpset Weight with Trolley Nett / Gross (kgs)
1	5 / 1500 51A*, 61A 6.5 / 1500 52A*, 62A 7.5 / 1500 69A*, 70A 48A 8 / 1500 53A*, 63A 49A 8 / 1600 69A1*	80 x 65 (VC) V325* (SC) S325, (OS) VM325*	16 13.5 - 17	16 18 - 13	200 / 265 51A* - V325*	215 / 280 (4W) 51A* - V325*
		80 x 80 (VC) V33* (SC) S33, (OS) VM33*	15 12.5 - 16	16.5 19 - 13	200 / 265 51A* - V33*	215 / 280 (4W) 51A* - V33*
		100 x 100 (VC) V44* (SC) S44, (OS) VM44*	14 11.5 - 15	20.5 25 - 17	205 / 270 52A* - V44*	220 / 285 (4W) 52A* - V44*
		125 x 125 (VC) V55 (SC) S55, (OS) VM55	8 6.5 - 8.5	35 42 - 29	250 / 315 51A* - S55	265 / 330 (4W) 51A* - S55
		150 x 125 (VC) V65 (SC) S65, (OS) VM65	8 6.5 - 8.5	40 48 - 30	255 / 320 52A* - S65	270 / 335 (4W) 52A* - S65
2	7.5 / 1500 69A*, 70A 48A 8 / 1500 53A*, 63A 49A 8 / 1600 69A1* 8 / 1800 69ASD 70ASD	65 x 50 (SC) S252H (OS) VM252H (VSP)	25 20 - 26	10.5 14.5 - 7.5	255 / 320 53A* - S252H	270 / 335 (4W) 53A* - S252H
		80 x 65 (OS) VM325H (VSP)	28 22.5 - 29.5	11 15 - 6	250 / 325 53A* - VM325H	265 / 330 (4W) 53A* - VM325H
		100 x 100 (VC) V44A (SC) S44A, (OS) VM44A	16 13.5 - 17	22 32 - 19	205 / 270 69A* - V44A	220 / 285 (4W) 69A* - V44A
		125 x 125 (VC) V55A (SC) S55A, (OS) VM55A	10 8.5 - 11	35 45 - 31	250 / 315 69A* - S55A	265 / 330 (4W) 69A* - S55A
		150 x 125 (VC) V65A (SC) S65A, (OS) VM65A	10 8.5 - 11	40 50 - 33	255 / 320 69A* - S65A	270 / 335 (4W) 69A* - S65A
		150 x 150 (VC) V66 (SC) S66, (OS) VM66	8 6.5 - 8.5	45 54 - 39	275 / 340 53A* - S66	290 / 355 (4W) 53A* - S66
3	10 / 1500 83A, 54A* 64A, 50A	65 x 50 (SC) S252HA (OS) VM252HA (VSP)	32.5*** 26 - 34	12.5*** 16 - 9	285 / 350 83A - S252HA	300 / 365 (4W) 83A - S252HA
		80 x 65 (SC) S325H (OS) VM325HA (VSP)	26 21 - 27.5	16 21.5 - 15.5	290 / 355 83A - S325H	305 / 370 (4W) 83A - S325H
		150 x 150 (VC) V66A (SC) S66A, (OS) VM66A	10 8.5 - 11	45 55 - 40	305 / 370 83A - S66A	320 / 385 (4W) 83A - S66A
4	12.5 / 1500 84A 71A	80 x 65 (SC) S325HA (OS) VM325HB (VSP)	28** 22.5 - 29.5	18** 22 - 16	295 / 360 84A - S325HA	310 / 375 (4W) 84A - S325HA
		100 x 80 (SC) S43H (VSP)	24 19.5 - 25.5	25 28 - 23.5	300 / 365 84A - S43H	315 / 380 (4W) 84A - S43H
		150 x 150 (SC) S66B (HD)	12 10 - 13	45 55 - 40	365 / 430 84A - S66B	380 / 445 (4W) 84A - S66B
		200 x 200 (HVC) V88 (HD) (RR)	7.7 6 - 8.5	84 105 - 50	420 / 485 84A - V88	435 / 500 (4W) 84A - V88
5	15 / 1500 89A, 33A 74A 18 / 1800 89A3	80 x 65 (SC) S325HB (OS) VM325HC (VSP)	34*** 27 - 36	20*** 23.5 - 17.5	300 / 365 89A - S325HB	315 / 380 (4W) 89A - S325HB
		100 x 80 (SC) S43HA (VSP)	27** 21.5 - 28.5	27** 29 - 24.5	305 / 370 89A - S43HA	320 / 385 (4W) 89A - S43HA
		150 x 150 (SC) S66C (HD)	15 12 - 16	48 56 - 41	370 / 435 89A - S66C	385 / 450 (4W) 89A - S66C
		200 x 200 (HVC) V88A (HD) (RR)	8.5 6.5 - 9.5	88 110 - 55	425 / 490 89A - V88A	440 / 505 (4W) 89A - V88A

- VC = Volute Casing, Centre Delivery, Single Ball Bearing Gland type Pump (Centre Height 203.2mm)
- OS = Volute Casing, Centre Delivery, Double Taper Bearing, Oil Seal Type Pump (Centre Height 203.2mm)
- SC = Split Casing, Side Delivery, Double Ball Bearing, Gland Type Pump (Centre Height 203.2mm)
- HVC = Heavy duty Volute Casing, Centre Delivery, Double Ball Bearing, Gland Type Pump (Centre Height - 3" x 2.5", 4" x 3" = 225mm | 8" x 6", 8" x 8" = 280mm | 10" x 8" = 355mm | 12" x 10" = 400mm | 12" x 12" = 740mm | 15" x 15" = 860mm)
- MFB = 925 To 1025 RPM Mixed Flow Pump With 1500 To 1800 RPM Engine (V-Belt Driven Pumpset)

- RR = Reverse Rotation Pumpset (Anti Clockwise - While Facing The Suction End)
- VSP = Variable Speed Pumpset
- HD = Heavy Duty Pump & Pumpset
- 4W = Four Wheel Trolley
- 6W = Six Wheel Trolley

(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 7-12% Additional Increase in Total Gross Weight.

(ii) Indicated Head & discharge Are of Those Engine's Models Having HP Which Are Given in Nett / Gross Weight Columns.

(iii) *Models 'ISI' Marked

(iv) Head & Discharge = ** At 1600 RPM, *** At 1800 RPM & Remaining At 1500 RPM