

## Diesel Pumpset - High Speed, Water-Cooled 10 to 25 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	10 / 1500 31A, 72A	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
2	13 / 1500 32A 73A	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
3	16 / 1500 34A, 59A	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
4	20 / 1500 36A 86A 35A 60A	80 x 65 (HVC) V325EH (HD) (RR) (VSP)	60*** 48 - 66	10*** 15 - 6	455 / 550 36A - V325EH	475 / 570 (4W) 36A - V325EH
		100 x 80 (HVC) V43EH (HD) (RR) (VSP)	30 24 - 33	29 35 - 20	470 / 565 36A - V43EH	490 / 585 (4W) 36A - V43EH
		150 x 150 (SC) S66D (HD)	20 17 - 21	48 58 - 42	455 / 550 36A - S66D	475 / 570 (4W) 36A - S66D
		200 x 200 (HVC) V88B (HD) (RR)	13.9 11 - 15.5	87 110 - 55	520 / 615 36A - V88B	540 / 635 (4W) 36A - V88B
5	25 / 1500 38A 87A 37A 75A	100 x 80 (HVC) V43EHA (HD) (RR) (VSP)	40*** 32 - 44	29*** 35 - 20	475 / 570 38A - V43EHA	495 / 590 (4W) 38A - V43EHA
		150 x 150 (SC) S66E (HD) (VSP)	25 20 - 26.5	50 60 - 43	460 / 555 38A - S66E	480 / 575 (4W) 38A - S66E
		200 x 200 (HVC) V88C (HD) (RR)	14 11.5 - 16	90 112 - 57	525 / 620 38A - V88C	545 / 640 (4W) 38A - V88C
		300 x 250 (HVC) V1210 (HD) (RR)	8.5 6.5 - 9.5	138.5 155 - 80	835 / 930 38A - V1210	865 / 960 (6W) 38A - V1210

- 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