

Diesel Pumpset - High Speed, Water-Cooled 37.5 & 45 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	37.5 / 1500 375AW 375AWB	200 x 150 (HVC) V86 (HD) (RR) (VSP)	23 18 - 25	80 100 - 50	770 / 890 375AW - V86	800 / 920 (6W) 375AW - V86
		250 x 200 (HVC) V108 (HD) (RR)	16.5 13 - 18	125 140 - 75	940 / 1060 375AW - V108	970 / 1090 (6W) 375AW - V108
		300 x 250 (HVC) V1210A (HD) (RR)	13.5 11 - 15	139 155 - 80	1060 / 1180 375AW - V1210A	1090 / 1210 (6W) 375AW - V1210A
		300 x 300 (HVC) V1212 (MFB) (HD)	7.5 6 - 8.5	225 250 - 150	1235 / 1355 375AWB - V1212	---
2	45 / 1500 450AW 450AWB	200 x 150 (HVC) V86A (HD) (RR) (VSP)	30 24 - 33	75 90 - 45	775 / 895 450AW - V86A	805 / 925 (6W) 450AW - V86A
		250 x 200 (HVC) V108A (HD) (RR)	19 15 - 21	125 140 - 75	945 / 1065 450AW - V108A	975 / 1095 (6W) 450AW - V108A
		300 x 250 (HVC) V1210B (HD) (RR)	15 12 - 16.5	139 155 - 80	1065 / 1185 450AW - V1210B	1095 / 1215 (6W) 450AW - V1210B
		300 x 300 (HVC) V1212A (MFB) (HD)	8 6.5 - 9	250 275 - 175	1240 / 1360 450AWB - V1212A	---
		380 x 380 (HVC) V1515 (MFB) (HD)	7.5 6 - 8.5	275 325 - 200	1430 / 1550 450AWB - V1515	---

- 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