

## Diesel Pumpset - High Speed, Water-Cooled & Air-Cooled, Light Weight 8 to 16 HP

TECHNICAL DATA ( STANDARD PUMPSETS)								
Sr. No.	Diesel Engine HP / RPM Model No.	Pump Size (mm) Type RPM Model No.	Head (mtrs) Duty Point & Range	Discharge (lps) At Duty Point & Range	Pulley Diameter (mm)		Pumpset Weight with M.S.B.F.	
					on Engine	on Pump	Nett (kgs)	Gross (kgs)
1	<b>8 / 850</b> 12A*, 12ADI*, 12B*	<b>65 x 50 (SC)</b> <b>1440</b> , F252H*	<b>23</b> 19 - 25	<b>10</b> 14 - 7	215.9	127	450 (12A)	560 (12A)
2	10 / 1000 16A*, 16ASD*, 16ADI*, 16ASDI*, 15A*, 15B, 19A	<b>65 x 50 (SC)</b> <b>1750</b> , F252AH	<b>31</b> 25 - 32.5	<b>12.5</b> 16 - 10	228.6	127	505 (16ASD)	615 (16ASD)
		<b>80 x 65 (SC)</b> <b>1440</b> , F325H*	<b>24</b> 20 - 26	<b>16</b> 21 - 15	190.5	127	520 (16ASD)	630 (16ASD)
3	12 / 1000 11A*, 17A	<b>65 x 50 (SC)</b> <b>1900</b> , F252BH	<b>36</b> 29 - 38	<b>13</b> 17 - 11	241.3	127	510 (11A)	620 (11A)
		<b>80 x 65 (SC)</b> <b>1600</b> , F325AH	<b>28</b> 22.5 - 29.5	<b>18</b> 22 - 16	203.2	127	525 (11A)	635 (11A)
4	14 / 1000 28A	<b>65 x 50 (SC)</b> <b>2000</b> , F252CH	<b>39</b> 31 - 41	<b>14</b> 17.5 - 11.5	254	127	530	640
		<b>80 x 65 (SC)</b> <b>1700</b> , F325BH	<b>31</b> 25 - 32.5	<b>19</b> 22.5 - 16.5	215.9	127	545	655
		<b>100 x 80 (SC)</b> <b>1440</b> , F43H*	<b>23</b> 19 - 25	<b>24</b> 27.5 - 23	190.5	127	550	660
5	15 / 1000 29ADI	<b>65 x 50 (SC)</b> <b>2100</b> , F252DH	<b>42</b> 33.5 - 44	<b>14.5</b> 18 - 12	266.7	127	525	635
		<b>80 x 65 (SC)</b> <b>1750</b> , F325CH	<b>32.5</b> 26 - 34	<b>19.5</b> 23 - 17	228.6	127	540	650
		<b>100 x 80 (SC)</b> <b>1550</b> , F43AH	<b>26</b> 21 - 27.5	<b>26</b> 28.5 - 24	203.2	127	545	655
6	16 / 1000 30ADI	<b>65 x 50 (SC)</b> <b>2150</b> , F252EH	<b>44</b> 35 - 46	<b>15</b> 18.5 - 12.5	279.4	127	530	640
		<b>80 x 65 (SC)</b> <b>1800</b> , F325DH	<b>34</b> 27 - 36	<b>20</b> 23.5 - 17.5	228.6	127	545	655
		<b>100 x 80 (SC)</b> <b>1600</b> , F43BH	<b>27</b> 21.5 - 28.5	<b>27</b> 29 - 24.5	203.2	127	550	660

- 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