



SLOW SPEED DIESEL ENGINES

Agricultural Irrigation, Thrashers, Flour Mill, Corn Mill, Generating Sets, Oil Mill, Saw Mill, Crusher, Air Compressor, Concrete Mixer and other various Industrial uses.



8 HP



10 HP



12 HP



12 HP, 16 HP, 20 HP



6 H.P.



8 H.P.



10 H.P.



20/2 H.P.

TECHNICAL DATA FOR SLOW SPEED DIESEL ENGINE



No.	Particulars	PVL-6 *	PVL-8 *	PVL-10*	PVL-12A	PVL-14	PVL-12	PVL-16	PVL-20
1.	Rated Horse Power B.H.P.	6/1	8/1	10/1	12/1	14/1	12/2	16/2	20/2
2.	Maximum Gross Power B.H.P./kw	6/4.4	8/5.9	10/7.35	12/8.8	14/10.30	12/8.8	16/11.8	20/14.7
3.	Rated Speed RPM	650	850	1000	1000	1000	650	850	1000
4.	Cylinder Position	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
5.	No. of Cylinder	One	One	One	One	One	Two	Two	Two
6.	Cyl. Bore & Stroke	Inch 4½ X 5½ mm 114.3X139.7	Inch 4½ X 5½ mm 114.3X139.7	Inch 4¾ X 5½ mm 120X139.7	Inch 5 X 5½ mm 127X139.7	Inch 5 X 5½ mm 127X139.7	Inch 4½ X 5½ mm 114.3X139.7	Inch 4½ X 5½ mm 114.3X139.7	Inch 4¾ X 5½ mm 120X139.7
7.	Flywheel Dimension & Face	Inch 23 ⁵ / ₈ X 3½ mm 600 X 89	Inch 23 ⁵ / ₈ X 3½ mm 600 X 89	Inch 20¼ X 3¾ mm 514 X 95	Inch 23 ⁵ / ₈ X 3½ mm 600 X 89	Inch 25 X 4½ mm 635 X 114	Inch 23 ⁵ / ₈ X 3½ mm 600 X 89	Inch 23 ⁵ / ₈ X 3½ mm 600 X 89	Inch 20¼ X 3¾ mm 514 X 95
8.	Foundation Stud Hole Centre Distance	Inch 13 X 13 mm 330 X 330	Inch 13 X 13 mm 330 X 330	Inch 13 X 13 mm 330 X 330	Inch 13 X 13 mm 330 X 330	Inch 13 X 13 mm 330 X 330	Inch 15 X 22 mm 381 X 559	Inch 15 X 22 mm 381 X 559	Inch 15 X 22 mm 381 X 559
9.	Crankshaft Centre Distance from Base	Inch 12½ mm 318	Inch 12½ mm 318	Inch 12½ mm 318	Inch 13½ mm 343	Inch 13½ mm 343	Inch 9¾ mm 248	Inch 9¾ mm 248	Inch 9¾ mm 248
10.	Engine Total height	Inch 40 mm 1016	Inch 40 mm 1016	Inch 40 mm 1016	Inch 40 mm 1016	Inch 40 mm 1016	Inch 38 mm 965	Inch 38 mm 965	Inch 38 mm 965
11.	Fuel Oil Tank Capacity	Liter 8	Liter 8	Liter 10	Liter 10	Liter 12	Liter 12	Liter 12	Liter 12
12.	Lub. Oil Cap. in Chamber	Liter 5	Liter 5	Liter 5	Liter 5	Liter 5	Liter 7.5	Liter 7.5	Liter 7.5
13.	Overall Height	cms. 120	cms. 120	cms. 120	cms. 122	cms. 122	cms. 140	cms. 140	cms. 140
14.	Engine Nett Weight	kgs. 280	kgs. 290	kgs. 310	kgs. 310	kgs. 340	kgs. 475	kgs. 485	kgs. 545
15.	Gross Weight	kgs. 380	kgs. 390	kgs. 410	kgs. 425	kgs. 455	kgs. 615	kgs. 625	kgs. 645
16.	Size of Wooden Case	cms. 88X64X108	cms. 88X64X108	cms. 88X64X108	cms. 94X70X104	cms. 94X70X104	cms. 136X71X110	cms. 136X71X110	cms. 136X71X110
17.	Volume / Case	m3 0.608	m3 0.608	m3 0.608	m3 0.69	m3 0.69	m3 1.06	m3 1.06	m3 1.06

* Marked ISI models

Certificate of Registration

This is to certify that
the Quality Management System of

PREM ENGINEERING PVT. LTD.

PLOT NO. 334, G.I.D.C., AJI INDUSTRIAL ESTATE, PHASE - II,
RAJKOT - 360003, GUJARAT, INDIA

has been assessed and found to conform
to the requirement of

ISO 9001:2015

for the following scope

MANUFACTURER AND EXPORTERS OF HIGH SPEED DIESEL
ENGINES, SLOW SPEED DIESEL ENGINES, CENTRIFUGAL PUMPS,
SUBMERSIBLE PUMPS, HAND PUMPS, DIESEL GENERATING SETS
AND SPARE PARTS

Certificate No	18DQDM63	Issuance Date	: 30/07/2018
Initial Registration Date	: 30/07/2018	Date of Expiry*	: 29/07/2021
1st Surve. Due	: 30/06/2019	2nd Surve. Due	: 30/06/2020



DIRECTOR



ROHS Certification Pvt. Ltd.

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The Registration is not a Product Quality Certificate *Subject to successful completion of surveillance audits Visit for verification on www.rofscertification.co.in
Certificate is the property of ROHS and returns when demanded



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