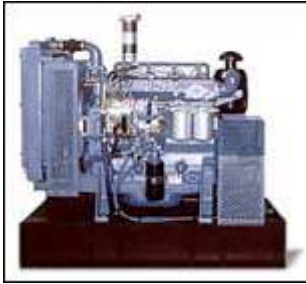


## R1040 liquid-cooled diesels



Model: R-1040 Series of Engines

### Specifications:

No. of cylinders	3, 4
Aspiration	Naturally Aspirated (NA) , Turbocharged (TC) (Cylinder version), Turbocharged After cooled (TA) (Cylinder version)
Model nomenclature	3R1040 (3 cyl NA), 4R1040 (4cyl NA), 4R1040TC (4cyl TC), 4R1040TA (4 cyl TA)
Bore X Stroke (mm X mm)	105 X 120
Cooling	Water-cooled, with radiator cooling.
Power range	26.7 kW
Speed range	1500 rpm - 2800 rpm
Weight to power ratio (kg/hp)	Engine model      Ratio
Wt : Dry weight	3R1040              5.45
w/o flywheel	4R1040              5.59
Hp : Max. continuous	4R1040T            5.45
Duty rating	4R1040TA          4.37
Space envelope	Engine model      L X W X H (dimensions in mm) 4R1040              1140 X 650 X 946
Emission (@ 1500 rpm)	Engine model      L X W X H (dimensions in mm) 4R1040              < 3.0
Power take off	Clutch Torque converter Coupling Jackshaft
Optional accessories	24 V Electrical (as against 12 V std) Instruments Flywheel housing (SAE 1,2,3 and 4) Safety system against low lub oil pressure, high water temperature, over speed Hydraulic oil cooler Absorption type Silencer Spark arrestor Dry type air cleaner (as against oil bath type std) Special lub oil sumps to suit high inclinations Gear driven hydraulic pump

	<i>Belt/gear driven compressor</i> <i>Flexible coupling</i> <i>PTOs</i>
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***Maintenance and usage warranties:*** 12 months from the date of despatch or 18 months from the date of manufacturing or 3600 working hours whichever is earlier under normal working conditions.

***Service call - time response:*** Average mean time to repair is 3 days

***Additional product information:***

<i>User Application Sector</i>	<i>Power, Oil and Gas, Construction and Earthmoving, Agriculture, Utilities, Transport</i>
<i>User Sub Sector</i>	<i>Power generation, Exploration, Extraction, Residential and commercial, Excavation and mining, Large community irrigation schemes, Farm irrigation, Harvesting, Water supply and sewerage, Natural disaster</i>
<i>Industry Sector</i>	<i>Diesel power, Fire fighting systems, Road transport, Water transport</i>
<i>Application Areas</i>	<i>Power plants, Prime movers, Refrigeration systems, Pumping systems, Ground breaking, Electrical systems, Excavation, Irrigation systems, Flood irrigation, Sprinkler irrigation, Tractors, Water supply systems</i>

<b>Name</b>	<b>Designation</b>	<b>Mobile</b>
Mr. Ravichandrakumar. R	- Director	- 9841018485
Mr. Bhaskaran. S	- Manager - Projects	- 9841819845
Mr. Keerthivasan. N	- Manager - Admin	- 9841819844
Mr. Saravanan. K	- Manager - Service	- 9841018495



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