

## KIRLOSKAR OIL ENGINES LIMITED

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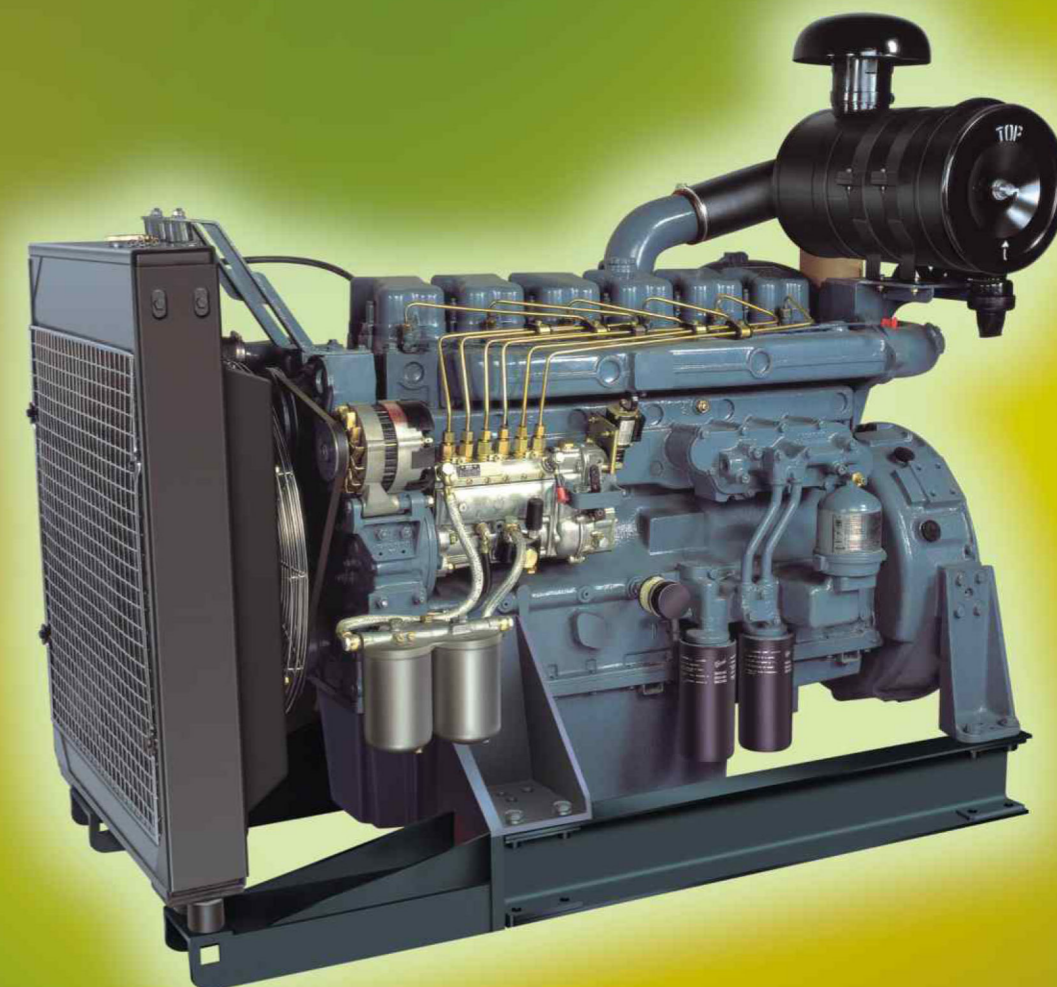
### ZONAL OFFICES

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### AREA OFFICES

● 1/A, Unit III, Station Square, Bhubaneswar - 751 001. Phone : +91(674) 253 2096. Fax : +91(674) 253 0382. ● Door No. 39-5392, Padmashree, Panampally Nagar, H.B. Colony, Kanayannur Taluk, Dist. Ernakulam, Cochin - 682 036. Phone : +91(484) 231 6687, 231 6653. Fax : +91(484) 231 6652. ● G S Road, Bangagarh, Opp. IDBI, Guwahati - 781 005. Telefax : +91(361) 256 2894, 256 6284, 245 1587. ● 37-38 Lasudia Mori, Near TCI Petrol Pump, Opp. Gurudwara, Dewas Naka, Indore - 452 010. Phone : +91(731) 280 2307, 280 2308. ● D-24, Durlabh Niwas, Subhash Marg, 'C' Scheme, Jaipur - 302 001. Phone : +91(141) 236 1789, 236 3389. Fax : +91(141) 236 8148. ● 498/143 KA, Main Faizabad Road, Near IT College Crossing, Upper Floor of State Bank of Indore, Lucknow - 226 007. Phone : +91(522) 232 3130, 278 9633, 278 9565. Fax : +91(522) 278 9764. ● 408, 4th Floor, Savitri Complex, G T Road, Ludhiana - 141 001. Phone : +91(161) 253 1372, 253 1848, 254 6667, 254 6668. Fax : +91(161) 254 3847. ● 110, Corporate Park, Swastik Mill Compound, Sion-Trombay Road, Chembur, Mumbai - 400 071. Phone : +91(22) 2528 9866, 2528 7584, 2527 5075. Fax : +91(22) 2527 8029. ● 7-20, NDR Godown Complex, Goods Shed Road, Moosapet, Hyderabad-500018. Phone: +91(40) 23801562, 163.

NOTE : As continuous developments are contemplated, the information and illustrations are subject to change and are not binding.  
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# SL90 SERIES

WELL THOUGHT - OUT ENGINES



- Better logistics support is possible due to lower weight and volume of equipment and individual engine parts, lower frequency of workshop attendance, extended MTOBs, faster maintenance, extended diesel and lube oil top-up intervals.
- Agency Certification by institutions like R&D Dighi, Pune for 6SL9088T/TA engine.

#### Standard scope of supply

- In line vertical, liquid cooled diesel engine.
- Anti clockwise rotation looking from flywheel end.
- Fuel Injection Pump (MICO / Motorpal)
- 24V Starter and battery charging alternator.
- Twin bowl fuel filter.
- Lube oil filter.
- Centrifugal bypass filter.
- Lube oil cooler.
- Engine mounted dry type air cleaner.
- Silencer supplied loose.
- Expansion bellow.
- Flywheel.
- Flywheel housing SAE 1.
- Holset / Equivalent coupling.
- Control panel and wiring harness.
- Radiator and radiator fan.
- Air to air charge air cooler for TA engines.
- Fuel pipes.
- Rigid engine mounting foot.

#### Optional equipment

- Residential type exhaust silencer suitable for remote mounting.

- Holset type flexible coupling with 35 mm or 45 mm semi-finished bore.
- Provision for gear driven hydraulic pump & gear driven compressor.
- Automatic engine shut-down arrangement in case of low lube oil pressure, high cylinder head temperature, V belt failure and engine over speed. (details on request)
- Industrial power take-offs (Twin disc type) to suit SP 2140 PTO.
- Special lube oil sumps to suit high inclinations (details on request)
- Cold starting aid for engine



starting below minus 5° C down to minus 20° C (details on request)

- Mud filter and water separator.
- Holset / Equivalent coupling.

**Note :** Selection depends on application, rpm and torque to be transmitted. Consult KOEL R&E for proper selection.

#### Standard scope of supply - Fire fighting

- In line vertical, liquid cooled diesel engine.
- Anti clockwise rotation looking

from flywheel end.

- Fuel injection pump ( MICO / Motorpal )
- 24V starter and battery charging alternator.
- Win bowl fuel filter.
- Lube oil filter.
- Centrifugal bypass filter.
- Lube oil cooler.
- Engine mounted dry type air cleaner.
- Silencer supplied loose.
- Expansion bellow.
- Flywheel.
- Flywheel housing SAE 1.
- Engine Control panel and wiring harness.
- Automatic shut down arrangement for low lube oil pressure, high water temperature and engine over speed.
- Radiator and radiator fan / Heat exchanger cooling.
- Make up water tank in case of Heat exchanger cooling.
- Air to air charge air cooler for TA engines.
- Fuel pipes.
- Rigid mounting foot.
- Painted in fire fighting red colour.



#### Horse Power Ratings : SL90 Engines for Industrial Applications As per BS 5514

Engine	Rpm	Continuous Rating		Fuel Stop Power	
		Power HP	Max. Torque kg-m @ rated rpm	Power HP	Max. Torque kg-m @ rated rpm
6SL9088T	1500	154	73.6	169	80.9
	1800	173	68.9	190	75.8
	2100	190	64.8	209	71.3
6SL9088TA	1500	198	94.6	218	104.0
	1800	231	92.0	254	101.2
	2100	-	-	-	-
6SL1500TA	1500	254	121.3	279	133.5
	1800	-	-	-	-
	2100	-	-	-	-
6SL8800TA*	1500	310	148.1	341	162.9
	1800	255	101.5	281	111.9
	1800	345	137.3	380	151.3
	2100	355	113.3	365	124.6

**Note :** All the above values are for constant speed applications.

•We are in the process of optimising this engine. As such, consult KOEL for rating as well as availability before ordering this model.