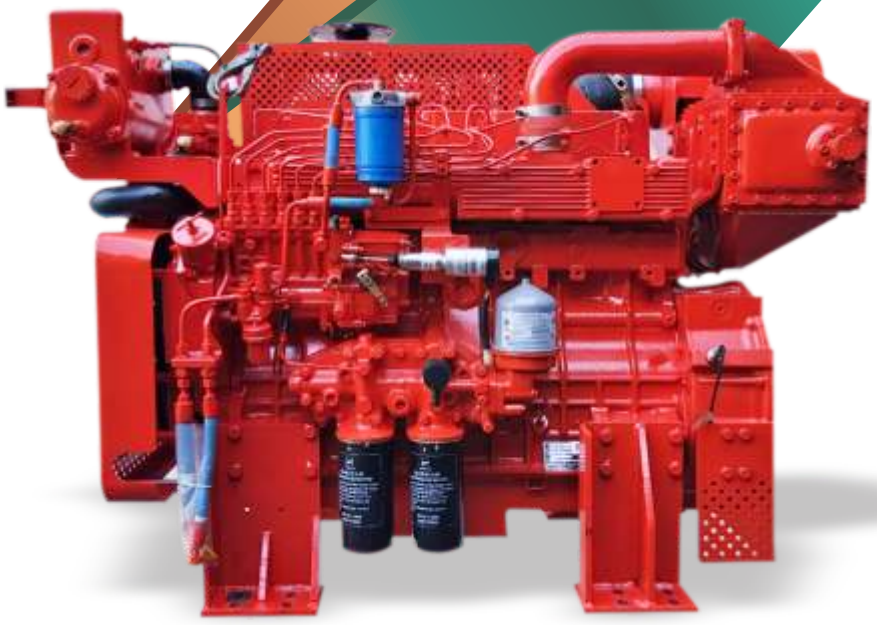
Global Safety Partner!



kirloskar
Oil Engines

About us

The Kirloskar Legacy stands for a tradition of excellence for more than a century now. The company stands as an enormous industrial conglomerate that offers world class service across the globe. Kirloskar Engines provide a durable, high quality solution for fire pumps in fire protection systems. With a rich experience in engine designing and manufacturing, Kirloskar Oil Engines Ltd., a global safety partner, has the capability to offer dependable diesel engines for critical applications. KOEL's work with OEMs, contractors, consultants and end users over the years, has given it a comprehensive understanding of the need for reliable and efficient diesel engines for fire pump packages. Kirloskar has well proven KFP series engines designed to meet the stringent requirements of Factory Mutual (FM), Underwriters Laboratories (UL) as well as NFPA 20 standards. These stringent approval criteria cover performance and functional requirements, examination of manufacturing facility, quarterly audits of quality assurance procedures and a follow up programme to verify approved products' conformance. The Non Listed Engines are designed in line with the same philosophy.

HE Cooled Engines

Sr. No.	Engine model	hp Rating @ RPM									
	Engine Speed (RPM)	1500	1760	1800	2000	2100	2150	2200	2300	2350	2600
1	3R1040	38	-	43	47	-	50	-	51	-	-
2	4R1040	52	-	60	65	-	68	-	69	-	-
3	4R1040T	72	-	85	92	-	94	-	97	-	-
4	4R1040TA	-	108	-	-	111		117	-	149	151
5	6R1080	79	-	92	97	-	104	-	107	-	-
6	6R1080T	127	-	133	145	-	149	-	-	-	-
7	6R1080TA	-	169	-	-	191		196	-	210	225
8	6SL9088T	154	-	173	182	190	190	-	-	-	-
9	6SL9088TA	198	290	231	-	352	-	350	-	348	-
10	6SL1500TA	254	-	-	-	-	255	-	-	-	-
11	6SL8800TA	310	-	279	-	355	-	-	-	-	-
12	DV8TA	400 490	-	400 490	-	-	-	-	-	-	-
13	DV10TA	608	-	-	-	-	-	-	-	-	-

NA : Naturally Aspirated | T : Tubrbocharged | TA : Turbocharged Aftrecooled

Scope of Supply

- Flywheel
- Flywheel housing
- Starter Motor
- Air cleaner dry type
- Industrial Silencer (On select models)
- Electrical stop arrangement
- Charging Alternator / BT Unit
- Heat Exchanger and piping connections
- CAC and piping connections (For TA Engines only)

Features

- Heat exchanger for engine coolant
- Liquid cooled charge air cooler for after-cooled engine models
- Heat shield on exhaust manifold, turbo charger & CAC pipes (for select models)
- Fire resistant flexible supply & return lines in fuel connections

Radiator Cooled Engines

Sr. No.	Engine model	hp Rating @ RPM											
	Engine Speed (RPM)	1500	1760	1800	2000	2100	2150	2200	2300	2350	2600	2900	3000
1	3R1040	38	-	43	47	-	50	-	51	-	-	-	-
2	4R810	38	-	-	-	-	-	-	-	-	-	62	61
3	4R1040	52	-	60	65	-	68	-	69	-	-	85	84
4	4R1040T	72 83	-	85 90	92	-	94	-	97	-	-	-	-
5	4R1040TA	105	-	112	-	-	-	-	-	-	-	143 168	128 167
6	6R1080	79	-	92	97	-	104	-	107	-	-	-	-
7	6R1080T	127	-	133	145	-	149	-	152	-	-	-	-
8	6R1080TA	156	-	167	178	-	183	-	186	-	-	242 270	242 272
9	6SL9088TA	198	-	231	-	-	-	-	-	-	-	-	-
10	6SL1500TA	254	-	-	-	-	-	-	-	-	-	-	-
11	6SL8800TA	310	-	313	-	-	-	-	-	-	-	-	-
12	DV10TA	608	608	-	-	-	-	-	-	-	-	-	-

NA : Naturally Aspirated | T : Tubrbocharged | TA : Turbocharged Aftrecooled

Scope of Supply

- Flywheel
- Flywheel housing
- Starter Motor
- Air cleaner dry type
- Industrial Silencer (On select models)
- Electrical stop arrangement
- Charging Alternator / BT Unit
- Radiator and piping connections
- CAC and piping connections (For TA Engines only)

Features

- Radiator for engine coolant
- Charge air cooler for after-cooled engine models
- Heat shield on exhaust manifold, turbo charger & CAC pipes (for select models)
- Fire resistant flexible supply & return lines in fuel connections

Air Cooled Engines

Sr. No.	Engine model	hp Rating @ RPM											
	Engine Speed (RPM)	1500	1760	1800	2000	2100	2150	2200	2300	2350	2600	2900	3000
1	HA294	19 32	-	23	25	-	26.5	-	27.5	-	-	27 37	27 37
2	HA394	32	-	38	41	-	44	-	47	-	-	-	-
3	HA494	43	-	52	56	-	60	-	63	-	-	-	-
4	HA494TC	56	-	65	70	-	-	-	-	-	-	-	-
5	HA694	65	-	78	85	-	90	-	95	-	-	-	-
6	HA694TC	83	-	98	-	-	-	-	-	-	-	-	-

NA : Naturally Aspirated | T : Tubrbocharged | TA : Turbocharged Aftrecooled

Scope of Supply

- Flywheel
- Flywheel housing SAE 3
- Starter Motor
- Air cleaner dry type
- Industrial Silencer on select models (Exhaust Manifold cum silencer arrangement for 2900-3000 rpm)
- Electrical stop arrangement
- Charging Alternator / BT Unit

Features

- Charge air cooler for after-cooled engine models
- Heat shield on exhaust manifold, turbo charger & CAC pipes (for select models)
- Fire resistant flexible supply & return lines in fuel connections

Technical Specifications

Model	Arrangement	Aspiration	Bore x Stroke	Displacement	Type of Governing	Starting System	Flywheel housing	Flywheel	Dimensions	Engine Weight*
Unit	Cylinder/ Type		mm	Ltrs		V	SAE	SAE	L X W X H (mm)	kg
3R1040	3 cyl. / Inline	NA	105 x 120	3.12	Mechanical	12	SAE - 3	SAE-10" - SAE-11.5"	1004 X 714 X 1009	425
4R810NA	4 Cyl. / Inline4	NA	96 x 112	3.24	Mechanical	12	SAE - 3	SAE-10"	1131 X 791 X 948	400
4R1040	4 Cyl. / Inline	NA	105 x 120	4.16	Mechanical	12	SAE - 3	SAE-10" - SAE-11.5"	1050 X 608 X 1093	514
4R1040T	4 Cyl. / Inline	TC	105 x 120	4.16	Mechanical	12	SAE - 3	SAE-10" - SAE-11.5"	1257 X 609 X 1060	550
4R1040TA	4 Cyl. / Inline	TA	105 x 120	4.16	Mechanical	12	SAE - 3	SAE-10" - SAE-11.5"	1144 X 726 X 1232	575
6R1080T	6 Cyl. / Inline	TC	105 x 125	6.48	Mechanical	24	SAE - 3	SAE-10" - SAE-11.5"	1655 X 906 X 1317	775
6R1080TA	6 Cyl. / Inline	TA	105 x 125	6.48	Mechanical	12	SAE - 3	SAE-10" - SAE-11.5"	1619 X 793 X 1337	900
6SL9088T	6 Cyl. / Inline	TC	118 x 135	8.86	Mechanical / Electronic	24	SAE - 1	SAE-11.5" - SAE-14"	1841 X 897 X 1727	925
6SL8800TA	6 Cyl. / Inline	TA	118 x 135	8.86	Electronic	24	SAE - 1	SAE-11.5" - SAE-14"	2064 X 1217 X 1327	950
DV8TA	88 Cyl. / V - Type	TA	130 x 150	15.91	Electronic	24	SAE - 0	SAE-11.5" - SAE-14"	1940 X 1760 X 1832	1508
DV10TA	110 Cyl. / V - Type0	TA	130 x 150	19.88	Electronic	24	SAE - 0	SAE-11.5" - SAE-14"	2190 X 1252 X 1882	1885
HA294	2 Cyl. / Inline	NA	100 x 120	1.88	Mechanical	12	SAE - 3	SAE-8"- SAE-10" - SAE 11.5"	678 X 704 X 872	285
HA394	3 Cyl. / Inline	NA	100 x 120	2.82	Mechanical	12	SAE - 3	SAE-8"- SAE-10" - SAE 11.5"	808 X 704 X 872	340
HA494	4 Cyl. / Inline	NA	100 x 120	3.78	Mechanical	12	SAE - 3	SAE-8"- SAE-10" - SAE 11.5"	938 X 704 X 868	405
HA494TC	4 Cyl. / Inline	TC	100 x 120	3.78	Mechanical	12	SAE - 3	SAE-8"- SAE-10" - SAE 11.5"	938 X 704 X 868	410
HA694	6 Cyl. / Inline	NA	100 x 120	5.65	Mechanical	12	SAE - 3	SAE-8"- SAE-10" - SAE 11.5"	1140 X 704 X 922	497
HA694TC	6 Cyl. / Inline	TC	100 x 120	5.65	Mechanical	12	SAE - 3	SAE-8"- SAE-10" - SAE 11.5"	1240 X 704 X 878	502

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*Dry weight of bare Engine

Global Presence

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kirloskar Oil Engines

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