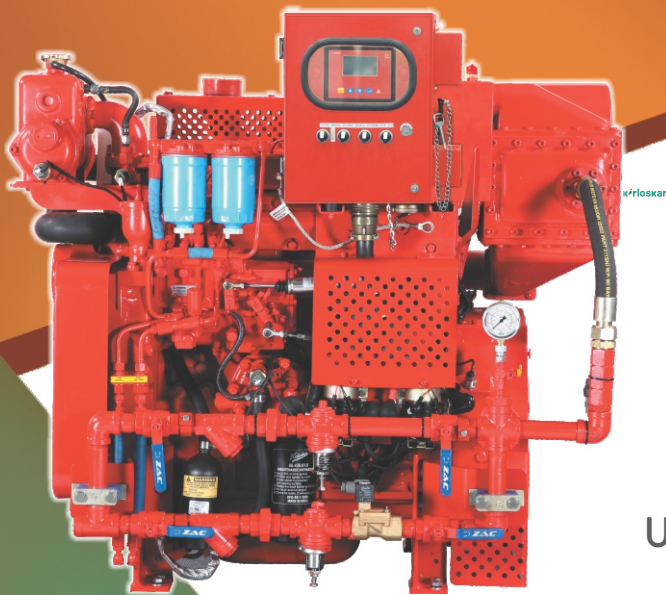




*Rely on us for  
your safety*



## **Kirloskar Engine for Fire Pumps**

Unmatched Quality and Reliability

**kirloskar**  
Oil Engines



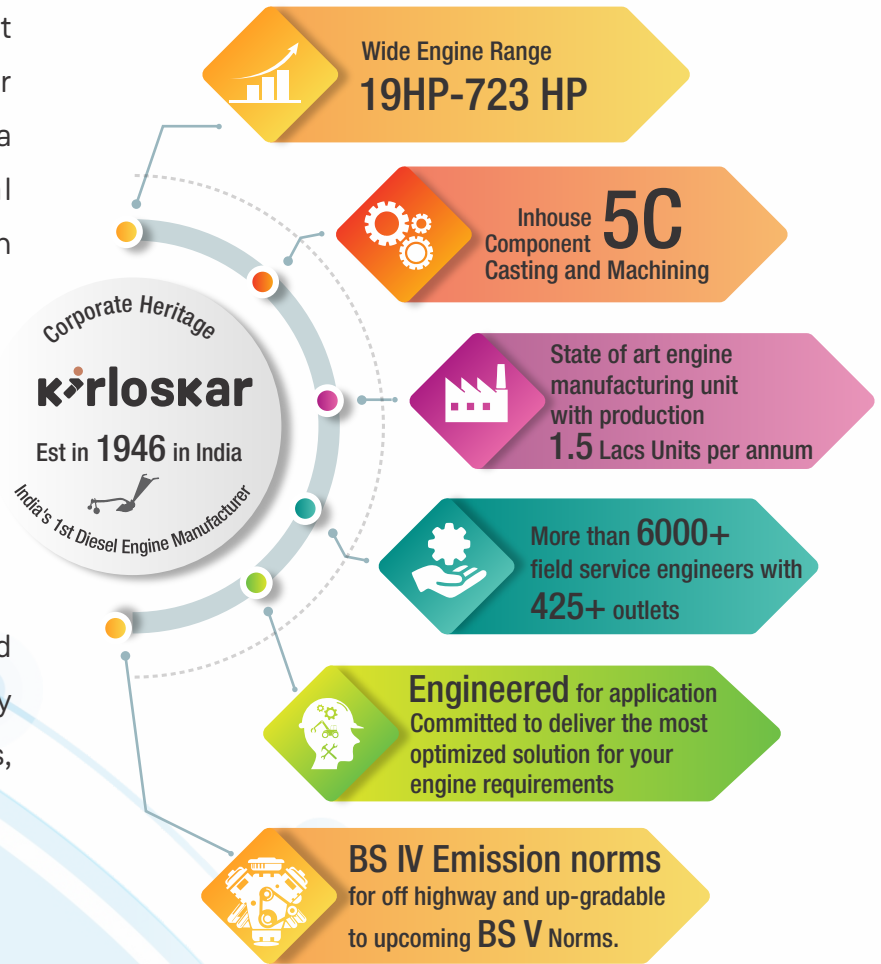
# Kirloskar

## Oil Engines

Incorporated in 1946, Kirloskar is the flagship company of the Kirloskar group. We have four state-of-the-art manufacturing units in India that offer world-class service. The company has a sizable presence in international markets, with offices in Dubai, South Africa, Kenya & the United States with representatives in Indonesia and Nigeria. KOKirloskar EL also has a strong distribution network throughout the Middle East and Africa.

Today Kirloskar is an acknowledged leader in the manufacturing off highway diesel engines, agricultural pumpsets, power tillers and generating sets.


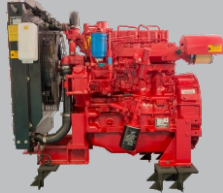

### FACTS AND FIGURES



1<sup>st</sup> Indian and largest **FMUL** engine manufacturer



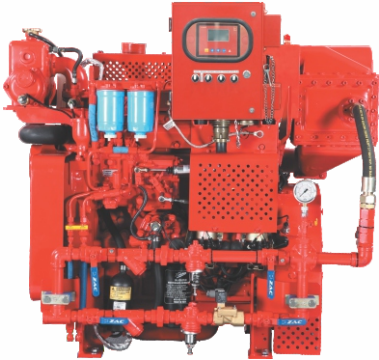


The Kirloskar Fixed speed engines comes from HA, 3R, 4R, 6R, SL and DV engine families with power output ranging from 19 HP to 608 HP. It goes into applications like Dewatering pumps, Fire Fighting Pumpsets and Industrial Pumpsets.




Type of Engine	Engine model	Number of Cylinders ( Bore Stroke ) mm	Displacement, Liters	Aspiration	Power Rating, HP @ RPM					Application
					1500	1800	2000	2150	2300	
Heat Exchanger Cooled Engines	4R1040	4 - ( 105 X 120 )	4.16	Naturally Aspirated	52	60	65	68	69	
	4R1040T	4 - ( 105 X 120 )	4.16	Turbo After Cooled	72	85	92	94	97	
	6R1080	6 - ( 105 X 125 )	6.48	Naturally Aspirated	79	92	97	104	107	
	6R1080T	6 - ( 105 X 125 )	6.48	Turbo After Cooled	127	-	-	-	-	
	6R1080T	6 - ( 105 X 125 )	6.48	Turbo After Cooled	-	133	145	149	-	
	6SL9088T	6 - ( 118 X 135 )	8.86	Turbo After Cooled	154	173	182	190*	-	
	6SL9088TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	198	231	-	-	-	
	6SL1500TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	254	-	-	-	-	
	6SL1500TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	-	279	-	255*	-	
	6SL8800TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	310	-	-	-	-	
	6SL8800TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	-	313	-	355*	-	
	DV8TA	8 - ( 130 X 150 )	15.91	Turbo After Cooled	400/490/510	400/490	-	-	-	
DV10TA	10 - ( 130 X 150 )	19.91	Turbo After Cooled	608	-	-	-	-		
Radiator Cooled Engines	3R1040	3 - ( 105 X 120 )	3.12	Naturally Aspirated	38	43	47	50	51	
	4R1040	4 - ( 105 X 120 )	4.16	Naturally Aspirated	52	60	65	68	69	
	4R1040T	4 - ( 105 X 120 )	4.16	Turbo After Cooled	72	85	92	94	97	
	4R1040T	4 - ( 105 X 120 )	4.16	Turbo After Cooled	83	90	-	-	-	
	4R1040TA	4 - ( 105 X 120 )	4.16	Turbo After Cooled	105	-	-	-	-	
	4R1040TA	4 - ( 105 X 120 )	4.16	Turbo After Cooled	-	112	-	-	-	
	6R1080	6 - ( 105 X 125 )	6.48	Naturally Aspirated	79	92	97	104	107	
	6R1080T	6 - ( 105 X 125 )	6.48	Turbo After Cooled	127	-	-	-	-	
	6R1080T	6 - ( 105 X 125 )	6.48	Turbo After Cooled	-	133	145	149	152	
	6R1080TA	6 - ( 105 X 125 )	6.48	Turbo After Cooled	156	-	-	-	-	
	6R1080TA	6 - ( 105 X 125 )	6.48	Turbo After Cooled	-	167	178	183	186	
	6SL9088TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	198	231	-	-	-	
6SL1500TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	254	-	-	-	-		
6SL8800TA	6 - ( 118 X 135 )	8.86	Turbo After Cooled	310	313	-	-	-		
DV8TA	8 - ( 130 X 150 )	15.91	Turbo After Cooled	400/490	400/490/510	-	-	-		
Air Cooled Engines	HA294	2 - ( 100 X 120 )	1.88	Naturally Aspirated	19	23	25	26.5	27.5	
	HA394	3 - ( 100 X 120 )	2.82	Naturally Aspirated	32	38	41	44	47	
	HA494	4 - ( 100 X 120 )	3.76	Naturally Aspirated	43	52	56	60	63	
	HA494TC	4 - ( 100 X 120 )	3.76	Turbo After Cooled	56	65	70	-	-	
	HA694	6 - ( 100 X 120 )	5.64	Naturally Aspirated	65	78	85	90	95	
	HA694TC	6 - ( 100 X 120 )	5.64	Turbo After Cooled	83	98	-	-	-	

1. Engine test standard - ISO 3046.
2. Direction of rotation - Counter clock wise from fly wheel end side.
3. Engine Electrical Sytem - 12 Volts - 2,3 & 4 Cylinder  
24 Volts - 6, SL & DV Engines

## Engine ratings up to 2600 RPM

Engine model	Rated output ( HP )	Rated Speed ( RPM )	FM	UL
KFP4R-UF07 Naturally Aspirated	62	1,760		
	70	2,100		
	74	2,200		
	74	2,350		
	77	2,600		
KFP4R-UF15 Turbocharged After-Cooled	108	1,760		
	111	2,100		
	117	2,200		
	143	2,350		
151	2,600			
KFP6R-UF25 Turbocharged After-Cooled	169	1,760		
	191	2,100		
	196	2,200		
	203	2,350		
KFP6S-UF35 Turbocharged After-Cooled	225	2,600		
	288	1,760		
	336	2,100		
	332	2,200		
	330	2,350		

## Engine ratings above 2600 RPM

Engine model	Rated output ( HP )	Rated Speed ( RPM )	FM	UL
KFP4R-UF05 Naturally Aspirated	57	2,800		
	56 *	2,900		
	55	3,000		
KFP4R-UF08 Naturally Aspirated	77	2,800		
	77 *	2,900		
	76	3,000		
KFP4R-UF16R1 Turbocharged After-Cooled	105	2,800		
	128 *	2,900		
KFP4R-UF16R2 Turbocharged After-Cooled	152	3,000		
	146	2,800		
KFP6R-UF26R1 Turbocharged After-Cooled	131*	2,900		
	116	3,000		
	251	2,800		
KFP6R-UF26R2 Turbocharged After-Cooled	249*	2,900		
	247	3,000		
	164	2,800		
	191*	2,900		
	217	3,000		

\* Value interpolated at 2,900 rpm between minimum 2,800 rpm and maximum 3,000 rpm  
Values are rounded off from the decimals to the nearest whole value  
The Final offered Listed Ratings may vary slightly

Above mentioned Engine Ratings are as per NFPA 20 & FM approved guidelines and are applicable for stationary emergency standby fire pump service alone Engines are rated at Standard site conditions with Temperature of 25°C, Altitude of 91 m (300 ft) above sea level and humidity of 60%  
Engines are subjected to deration when operating at other site conditions. Please contact Kirloskar Oil Engines Ltd. for deration guidelines or visit <http://kfp.kirloskar.com>

For inquiries & more information visit <https://kfp.kirloskar.com>

**kirloskar**  
Oil Engines

[www.kirloskarlimitless.com](http://www.kirloskarlimitless.com)

**Kirloskar Oil Engines Limited**  
A Kirloskar Group Company

Laxmanrao Kirloskar, Khadki,  
Pune 411 003 INDIA.  
For more information,



**8806334433**

[koel.helpdesk@kirloskar.com](mailto:koel.helpdesk@kirloskar.com)

Stamp of  
Authorised  
Representative

KOEL-FF/NEW REV003/Sept. 21