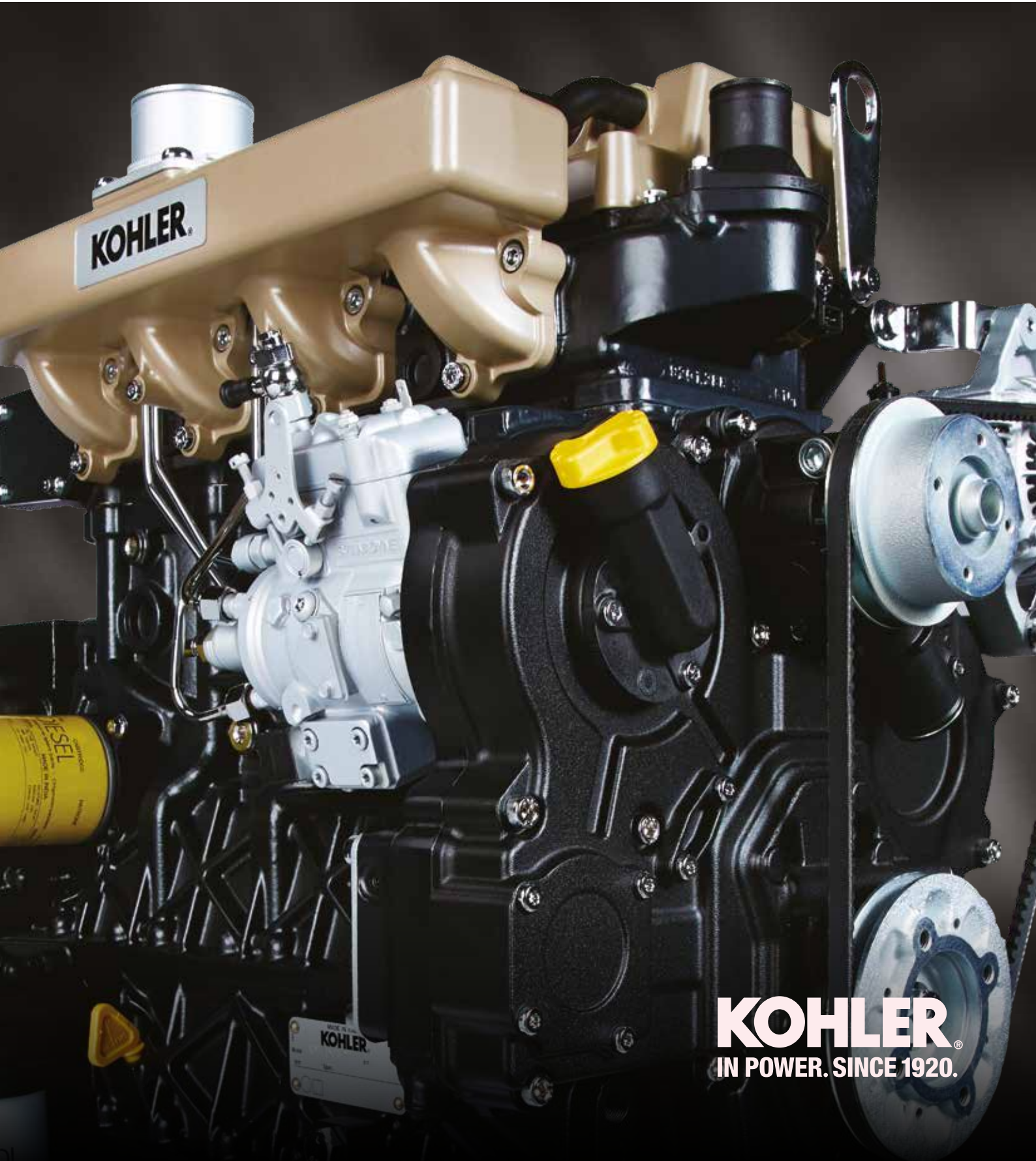


KOHLER DIESEL ENGINES

Generator Ratings



KOHLER[®]
IN POWER. SINCE 1920.

AIR COOLED DIESEL ENGINES

Freq.	Rpm	ENGINE MODEL	GROSS ENGINE POWER*		Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance	
			Stand-by	Prime		Intermittent (Stand-by)		Continuous (Prime)				
			kW-hp	kW-hp		kVA	kW	kVA	kW			
50 Hz	1500	KD477-2	7.7 - 10.5	7.0 - 9.5	85%	8.1	6.5	7.3	5.9	SAE 5 - 6.5"	-	
		KD625-2	10.7 - 14.6	9.8 - 13.3	85%	11.4	9.1	10.4	8.3	SAE 4 - 7.5"	-	
	3000	KD15-225	3.0 - 4.8	2.7 - 3.7	75%	2.8	2.2	2.6	2.1	\$\$\$TAPER Ø 23	-	
		KD15-350	4.8 - 6.4	4.4 - 5.9	80%	4.8	3.8	4.4	3.5	\$\$\$TAPER Ø 23	Not emitted / EU Stage V	
		KD15-440	6.8 - 9.3	6.2 - 8.4	82%	7.0	5.6	6.3	5.1	EXT 6-SAEJ609B	Not emitted / EU Stage V	
		KD15-441	6.7 - 9.2	6.1 - 8.3	82%	6.9	5.5	6.2	5.0	EXT 6 Sae J609B	India CPCB 2 e Not emitted	
		KD15-500	7.8 - 10.6	7.1 - 9.6	82%	8.0	6.4	7.2	5.8	TAPER Ø 24	-	
		KD330-2	9.4 - 13.5	8.5 - 11.6	85%	10.0	8.0	9.0	7.2	§ TAPER Ø 30	-	
		KD425-2	11.5 - 15.6	10.5 - 14.2	85%	12.2	9.8	11.1	8.9	§ TAPER Ø 30	-	
		KD477-2	14.0 - 19.0	12.7 - 17.3	85%	14.9	11.9	13.4	10.7	§ TAPER Ø 38	-	
KD625-2	18.8 - 25.5	17.1 - 23.2	85%	20.3	16.3	18.8	15.0	\$\$ STD Lombardini	EU Stage II			
Freq.	Rpm	ENGINE MODEL	GROSS ENGINE POWER*		Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance	Max. Emission compliance available***
			Stand-by	Prime		Intermittent (Stand-by)		Continuous (Prime)				
			kW-hp	kW-hp		kVA	kW	kVA	kW			
60 Hz	1800	KD477-2	8.9 - 12.1	8.1 - 11.0	85%	9.5	7.6	8.5	6.8	SAE 5 - 6.5"	-	-
		KD625-2	13.5 - 18.4	12.3 - 16.7	85%	14.4	11.5	12.8	10.3	SAE 4 - 7.5"	-	-
	3600	KD15-225	3.3 - 4.5	3.0 - 4.1	75%	3.1	2.5	2.9	2.3	TAPER Ø 23	-	-
		KD15-350	5.1 - 7.0	4.6 - 6.3	80%	5.1	4.1	4.7	3.8	TAPER Ø 23	Tier 4 I	Tier 4 F
		KD15-440	7.4 - 10.1	6.7 - 9.1	82%	7.5	6.0	6.8	5.4	TAPER Ø 23	Tier 4 I	Tier 4 F
		KD330-2	11.2 - 15.2	10.2 - 13.8	85%	11.9	9.5	10.7	8.6	§ TAPER Ø 30	-	-
		KD425-2	13.0 - 17.7	11.8 - 16.1	85%	13.7	11.0	12.3	9.9	§ TAPER Ø 30	-	-
		KD477-2	15.7 - 21.4	14.3 - 19.4	85%	16.7	13.4	15.0	12.0	§ TAPER Ø 38	-	-

§ SAE 5 - 6.5" on request

\$\$ SAE 4 - 7.5" on request

\$\$\$ EXT 3-SAEJ609A on request

◇ Equipped with charged air after cooler

Prime Power no overload

* Engine power rating according to ISO 3046 rules (gross power - without fan), after running-in, and in ambient conditions of 20°C and 1 bar.

Power levels drop by 1% every 100 m altitude and by 2% every 5°C above +25°C. Fuel specification EN590.

Power tolerance on Intermittent (Stand-by) power is +/- 5%

Power tolerance on Prime Power NO OVELOAD (marked with #) is +0% / -9%

**Electrical power includes fan power absorption, typical alternator efficiency and a power factor (cos ϕ) of 0.8

Continuous (Prime) power can be overloaded of 10% for 1 h every 12 hours operation

Intermittent (Standby) power cannot be overloaded.

*** Possible de-rating might have to be taken in consideration to ensure emission compliance.

LIQUID COOLED DIESEL ENGINES

Freq.	Rpm	ENGINE MODEL	GROSS ENGINE POWER*		Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance			
			Stand-by	Prime		Intermittent (Stand-by)		Continuous (Prime)						
			kW-hp	kW-hp		kVA	kW	kVA	kW					
50 Hz	1500	KDW702	5.5 - 7.5	5.0 - 6.8	80%	5.5	4.4	5.0	4.0	SAE 5 - 6.5"	-			
		KDW702	-	5.0 - 6.8 #	82%	-	-	4.9 #	4.0 #	SAE 5 - 6.5"	EU Stage V			
		KDW1003	8.5 - 11.6	7.7 - 10.5	85%	9.0	7.2	8.2	6.5	SAE 5 - 6.5"	-			
		KDW1003	8.0 - 10.7	7.7 - 10.5	85%	8.1	6.5	7.8	6.2	SAE 5 - 6.5"	EU Stage V			
		KDW1404	11.5 - 15.6	10.5 - 14.3	85%	12.2	9.8	11.2	8.9	SAE 5 - 6.5"	-			
		KDW1404	11.0 - 14.7	10.5 - 14.3	85%	11.1	8.9	10.6	8.5	SAE 5 - 6.5"	EU Stage V			
		KDW1603	15.5 - 21.1	14.1 - 19.2	86%	16.7	13.3	15.1	12.1	SAE 4 - 7.5"	-			
		KDW1603	15.0 - 20.1	14.1 - 19.2	86%	15.4	12.3	14.4	11.5	SAE 4 - 7.5"	EU Stage V			
		KDI 1903M	19.0 - 25.5	17.3 - 23.1	88%	20.9	16.7	19.0	15.2	SAE 4 - 7.5"	EU Stage IIIA			
		KDI 1903M	-	18.9 - 25.3 #	88%	-	-	20.8 #	16.6 #	SAE 4 - 7.5"	EU Stage V			
		KDW2204	19.5 - 26.5	17.7 - 24.1	88%	21.5	17.2	19.5	15.6	SAE 4 - 7.5"	EU Stage IIIA			
		KDI 2504M	25.4 - 34.0	23.1 - 30.9	88%	27.9	22.4	25.4	20.3	SAE 4 - 7.5"	EU Stage IIIA			
		KDW2204/T	26.0 - 35.4	23.6 - 32.1	88%	28.6	22.9	26.0	20.8	SAE 4 - 7.5"	EU Stage II			
		KDI 2504TM-30	32.0 - 42.9	29.1 - 39.0	88%	35.2	28.2	32.0	25.6	SAE 3 - 11.5"	EU Stage IIIA			
		KDI 2504TM-40-EU	36.9 - 49.4	33.5 - 45.0	88%	40.6	32.5	36.9	29.5	SAE 3 - 11.5"	EU Stage IIIA			
		KDI 2504TM-40	41.0 - 54.9	37.3 - 50.0	88%	45.1	36.1	41.0	32.8	SAE 3 - 11.5"	-			
		KDI 3404TM	61.0 - 81.7	55.5 - 74.3	89%	67.9	54.3	61.7	49.4	SAE 3 - 11.5"	-			
		KDI 3404TM ◊	61.5 - 82.4	55.9 - 74.9	89%	68.4	54.7	62.2	49.8	SAE 3 - 11.5"	EU Stage IIIA			
		KDI 1903TCR ◊	35.3 - 47.3	32.1 - 43.0	88%	36.6	29.3	33.1	26.5	SAE 3 - 11.5"	EU Stage V			
		KDI 2504TCR ◊	47.1 - 63.1	42.8 - 57.4	88%	49.6	39.7	44.9	35.9	SAE 3 - 11.5"	EU Stage V			
KDI 3404TCR ◊	-	55.0 - 73.7 #	88%	-	-	57.8 #	46.2 #	SAE 3 - 11.5"	EU Stage V					
KDI 3404TCR SCR	100 - 134	90.9 - 121.8	92%	112.1	89.7	101.7	81.3	SAE 3 - 11.5"	EU Stage V					
3000	3000	KDW702	11.0 - 15.0	10.0 - 13.6	85%	11.7	9.4	10.6	8.5	SAE 5 - 6.5"	Not emitted / EU Stage V			
		KDW1003	18.0 - 24.2	16.4 - 22.0	85%	19.1	15.3	17.4	13.9	SAE 5 - 6.5"	EU Stage V			
		KDW1404	22.0 - 29.9	20.0 - 27.2	85%	23.4	18.7	21.3	17.0	SAE 5 - 6.5"	EU Stage IIIA			
		KDW1404	-	18.9 - 25.3 #	85%	-	-	20.1 #	16.1 #	SAE 5 - 6.5"	EU Stage V			
		KDW1603	26.7 - 36.3	24.3 - 33.0	86%	28.7	23.0	26.1	20.9	SAE 4 - 7.5"	EU Stage IIIA			
		KDW2204	34.5 - 46.9	31.4 - 42.7	86%	37.6	29.7	34.2	27.0	SAE 4 - 7.5"	EU Stage IIIA			
		KDW2204/T	44.3 - 60.2	40.3 - 54.8	86%	47.6	38.1	43.3	34.6	SAE 4 - 7.5"	EU Stage II			
Freq.	Rpm	ENGINE MODEL	GROSS ENGINE POWER*		Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance	Max. Emission compliance available***		
			Stand-by	Prime		Intermittent (Stand-by)		Continuous (Prime)						
			kW-hp	kW-hp		kVA	kW	kVA	kW					
60 Hz	1800	KDW702	6.5 - 8.8	5.9 - 8.0	80%	6.5	5.2	6.0	4.7	SAE 5 - 6.5"	Tier 2	Tier 4 F		
		KDW1003	10.0 - 13.6	9.1 - 12.4	85%	10.6	8.5	9.7	7.7	SAE 5 - 6.5"	Tier 2	Tier 4 F		
		KDW1404	13.5 - 18.4	12.3 - 16.7	85%	14.3	11.5	13.1	10.4	SAE 5 - 6.5"	Tier 2	Tier 4 F		
		KDI 1903M	-	18.4 - 24.7 #	88%	-	-	20.2 #	16.2 #	SAE 4 - 7.5"	Tier 4 F	Tier 4 F		
		KDW1603	18.5 - 25.2	16.8 - 22.9	86%	19.9	15.9	18.0	14.5	SAE 4 - 7.5"	Tier 2	Tier 2		
		KDI 1903M	21.0 - 28.1	19.1 - 25.6	88%	23.1	18.5	21.0	16.8	SAE 4 - 7.5"	Tier 3	Tier 3		
		KDW 2204	22.5 - 30.6	20.5 - 27.8	88%	24.8	19.8	22.5	18.0	SAE 4 - 7.5"	Tier 2	Tier 2		
		KDI 2504M	29.5 - 39.5	26.8 - 35.9	88%	32.5	26.0	29.5	23.6	SAE 4 - 7.5"	Tier 3	Tier 3		
		KDW 2204/T	31.5 - 42.8	28.6 - 38.9	88%	34.7	27.7	31.5	25.2	SAE 3 - 11.5"	Tier 2	Tier 2		
		KDI 2504TM	36.4 - 48.8	33.1 - 44.3	88%	40.0	32.0	36.4	29.1	SAE 4 - 7.5"	Tier 3	Tier 3		
		KDI 1903TCR ◊	37.0 - 49.6	33.6 - 45.1	88%	40.7	32.6	37.0	29.6	SAE 4 - 7.5"	Tier 4 F	Tier 4 F		
		KDI 2504TCR ◊	47.1 - 63.1	42.8 - 57.4	88%	51.8	41.4	47.1	37.7	SAE 3 - 11.5"	Tier 4 F	Tier 4 F		
		KDI 3404TCR ◊	55.4 - 74.2	50.4 - 67.5	89%	61.6	49.3	56.0	44.8	SAE 3 - 11.5"	Tier 4 F	Tier 4 F		
		KDI 3404TM ◊	70.0 - 93.8	63.6 - 85.2	89%	77.9	62.3	70.8	56.6	SAE 3 - 11.5"	Tier 3	Tier 3		
		3600	3600	KDW702	11.7 - 16.0	10.6 - 14.5	85%	12.2	9.9	11.0	9.0	SAE 5 - 6.5"	Tier 2	Tier 2
				KDW1003	18.0 - 24.5	16.4 - 22.3	85%	19.1	15.3	17.4	13.9	SAE 5 - 6.5"	Tier 2	Tier 4 F
KDW1404	24.5 - 33.3			22.3 - 30.3	85%	26.0	20.8	23.7	18.9	SAE 5 - 6.5"	Tier 3	Tier 3		

◊ Equipped with charged air after cooler

Prime Power no overload

For more information, contact your KOHLER source of supply.
Kohler Co. reserves the right to make modifications without prior notice.

KOHLER[®]
IN POWER. SINCE 1920.

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