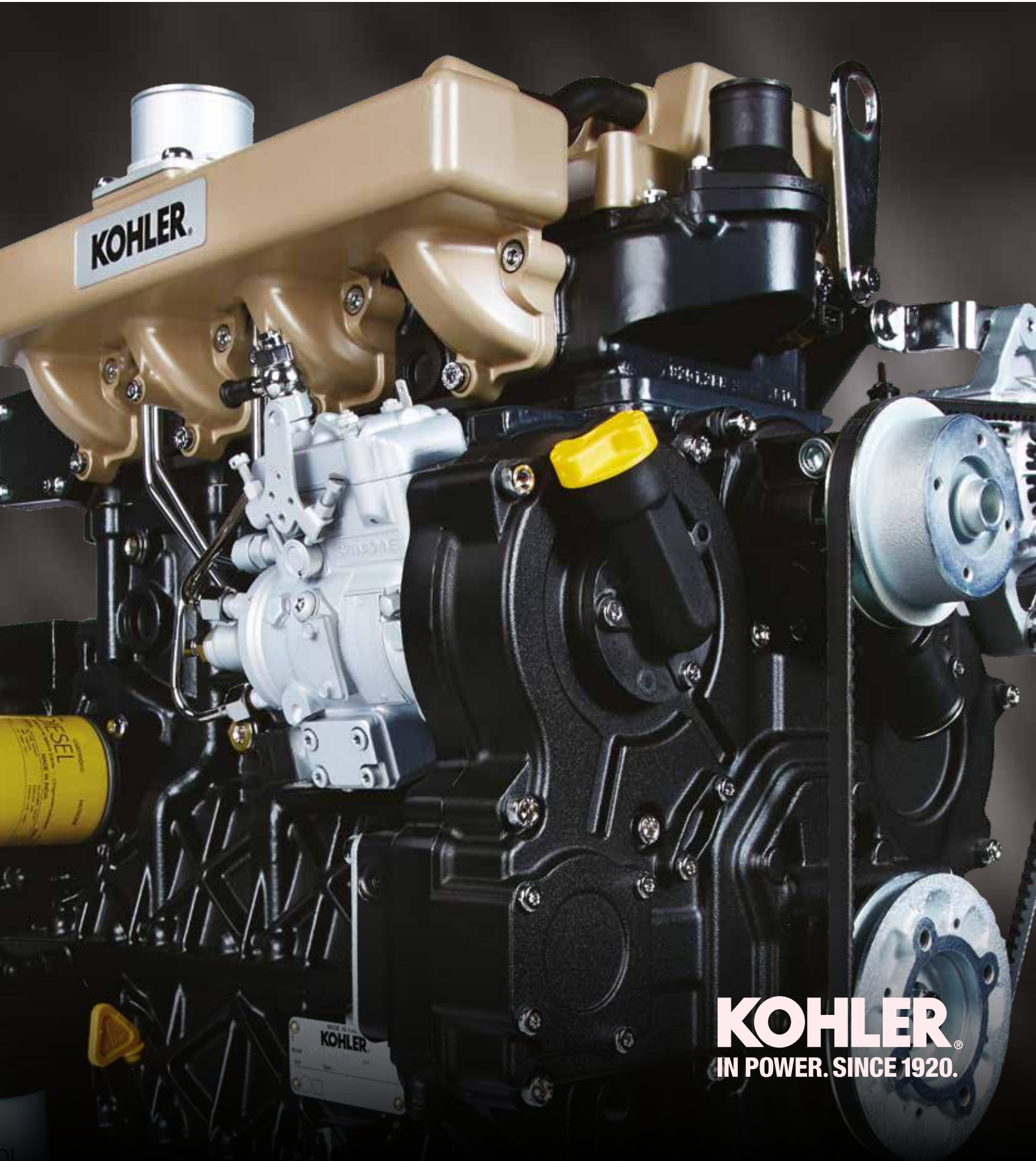


# KOHLER DIESEL ENGINES

## Generator Ratings



**KOHLER**<sup>®</sup>  
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
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			
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 ø) 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		
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
		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 Eq.
		KDI 1903M	-	18.9 - 25.3 #	88%	-	-	20.8 #	16.6 #	SAE 4 - 7.5"	EU Stage V
		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 Eq.
		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 Eq.
	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 Eq.	
	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 Eq.	
	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	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	

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			
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
		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
		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
		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	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**<sup>®</sup>  
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