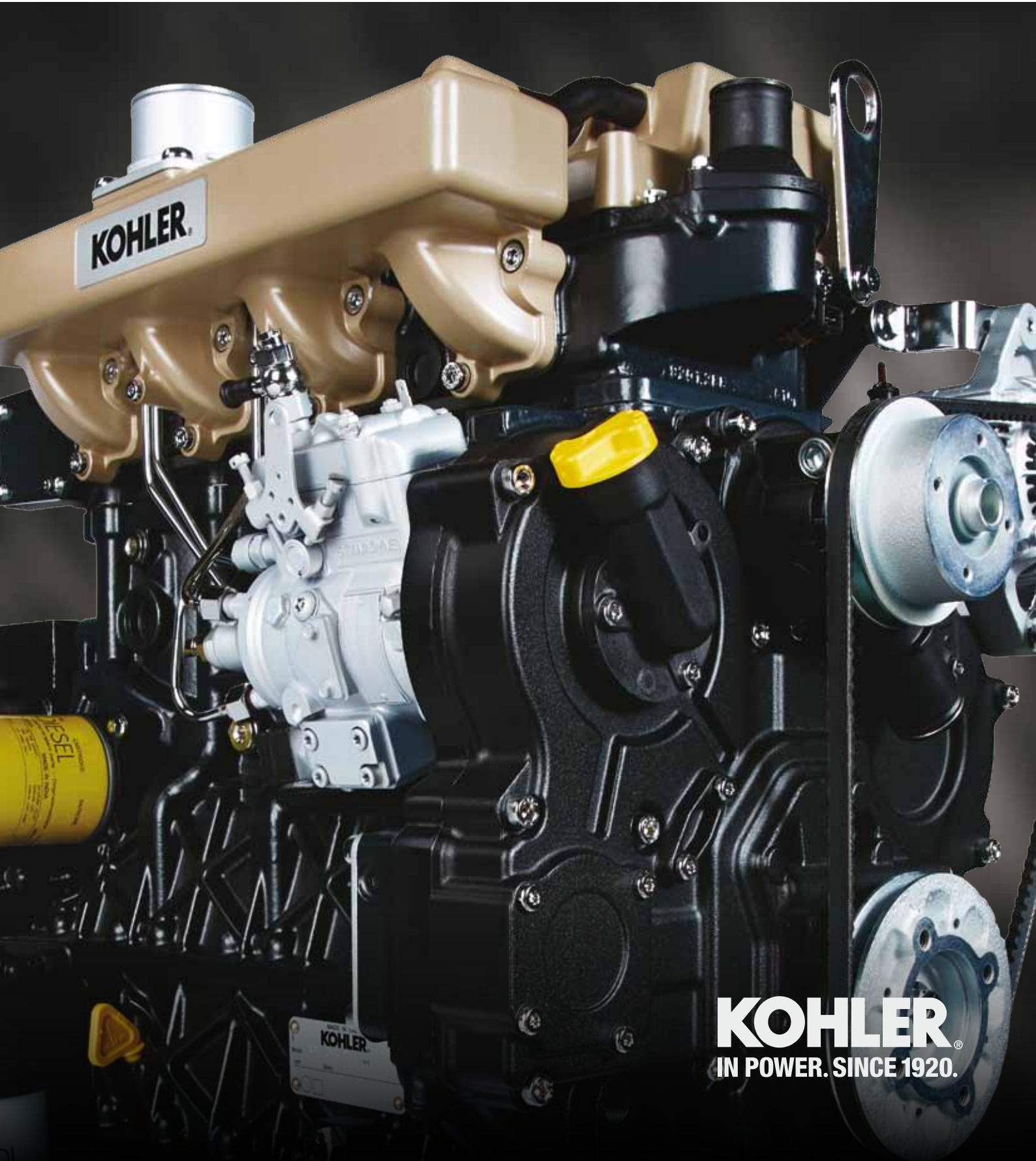


DIESEL PRODUCT OFFERING GENSET RATINGS



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 kW-hp	Prime kW-hp	Intermittent (Stand-by) kVA kW		Continuous (Prime) kVA kW					
						kVA	kW				
50 Hz	1500	KD 477/2	7.7 - 10.5	7.0 - 9.5	85%	8.1	6.5	7.3	5.9	SAE 5 - 6,5"	EU not required
		KD 625/2	10.7 - 14.6	9.8 - 13.3	85%	11.4	9.1	10.4	8.3	SAE 4 - 7,5"	EU not required
		KD 626/3	16.2 - 22.0	14.7 - 20.0	85%	17.2	13.7	15.4	12.3	SAE 4 - 7,5"	EU not required
	3000	KD 225	3.0 - 4.8	2.7 - 3.7	75%	2.8	2.2	2.6	2.1	TAPER Ø 23	EU not required
		KD 350	4.7 - 6.3	4.2 - 5.7	80%	4.6	3.7	4.3	3.5	TAPER Ø 23	EU not required
		KD15 440	6.8 - 9.3	6.2 - 8.4	82%	7.0	5.6	6.2	5.0	TAPER Ø 23	EU not required
		KD 500	7.8 - 10.6	7.1 - 9.6	82%	8.0	6.4	7.2	5.8	TAPER Ø 24	EU not required
		KD 330/2	9.4 - 13.5	8.5 - 11.6	85%	10.0	8.0	9.0	7.2	§ TAPER Ø 30	EU not required
		KD 425/2	11.5 - 15.6	10.5 - 14.2	85%	12.2	9.8	11.0	8.8	§ TAPER Ø 30	EU not required
		KD 477/2	14.0 - 19.0	12.7 - 17.3	85%	14.9	11.9	13.4	10.7	§ TAPER Ø 38	EU not required
		KD 625/2	18.8 - 25.5	17.1 - 23.2	85%	20.3	16.3	18.8	15.0	§§ STD Lombardini	EU Stage II
		KD 626/3	28.6 - 39.0	26.0 - 35.4	85%	30.5	24.4	27.9	22.3	§§ STD Lombardini	EU Stage III A

Freq. Rpm	Engine model ◊	GROSS ENGINE POWER*			Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance	Max. Emission compliance available***
		Stand-by kW-hp	Prime kW-hp	Intermittent (Stand-by) kVA kW		Continuous (Prime) kVA kW						
						kVA	kW					
60 Hz	1800	KD 477/2	8.9 - 12.1	8.1 - 11.0	85%	9.5	7.6	8.5	6.8	SAE 5 - 6,5"	-	-
		KD 625/2	13.5 - 18.4	12.3 - 16.7	85%	14.4	11.5	12.8	10.3	SAE 4 - 7,5"	-	-
		KD 626/3	20.1 - 27.3	18.3 - 24.9	85%	21.3	17.1	19.2	15.4	SAE 4 - 7,5"	-	-
	3600	KD 225	3.3 - 4.5	3.0 - 4.1	75%	3.1	2.5	2.9	2.3	TAPER Ø 23	-	-
		KD 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
		KD 330/2	11.2 - 15.2	10.2 - 13.8	85%	11.9	9.5	10.7	8.6	§ TAPER Ø 30	-	-
		KD 425/2	13.0 - 17.7	11.8 - 16.1	85%	13.7	11.0	12.3	9.9	§ TAPER Ø 30	TIER 4 F	TIER 4 F
		KD 477/2	15.7 - 21.4	14.3 - 19.4	85%	16.7	13.4	15.0	12.0	§ TAPER Ø 38	-	-

§ ON REQUEST SAE 5 - 6,5"

§§ ON REQUEST SAE 4 - 7,5"

◊ All models are available also with Lombardini brand.

* Engine power rated according to ISO 3046 rules, after running period 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.

**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.

(1) for stationary + emergency applications EPA compliant.

LIQUID COOLED DIESEL ENGINES

Freq. Rpm	Engine model \downarrow	GROSS ENGINE POWER*			Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance
		Stand-by kW-hp	Prime kW-hp	Intermittent (Stand-by) kVA		Continuous (Prime)					
						kVA	kW				
50 Hz	KDW 702	5.5 - 7.5	5.0 - 6.8	80%	5.5	4.4	5.0	4.0	SAE 5 - 6,5"	EU not required	
	KDW 1003	8.5 - 11.6	7.7 - 10.5	85%	9.0	7.2	8.2	6.5	SAE 5 - 6,5"	EU not required	
	KDW 1404	11.5 - 15.6	10.5 - 14.3	85%	12.2	9.8	11.2	8.9	SAE 5 - 6,5"	EU not required	
	KDW 1603	15.5 - 21.1	14.1 - 19.2	86%	16.7	13.3	15.1	12.1	SAE 4 - 7,5"	EU not required	
	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	
	KDW 2204	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	
	KDW 2204/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 CAC §	61.5 - 82.4	55.9 - 74.9	89%	68.4	54.7	62.2	49.8	SAE 3 - 11,5"	EU Stage IIIA	
	3000	KDW 702	11.0 - 15.0	10.0 - 13.6	85%	11.7	9.4	10.6	8.5	SAE 5 - 6,5"	EU not required
KDW 1003		16.5 - 22.4	15.0 - 20.4	85%	17.5	14.0	15.9	12.8	SAE 5 - 6,5"	EU not required	
KDW 1404		22.0 - 29.9	20.0 - 27.2	85%	23.4	18.7	21.3	17.0	SAE 5 - 6,5"	EU Stage IIIA	
KDW 1603		26.7 - 36.3	24.3 - 33.0	86%	28.7	23.0	26.1	20.9	SAE 4 - 7,5"	EU Stage IIIA	
KDW 2204		34.5 - 46.9	31.4 - 42.7	86%	37.6	29.7	34.2	27.0	SAE 4 - 7,5"	EU Stage IIIA	
KDW 2204/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 \downarrow	GROSS ENGINE POWER*			Given alternator efficiency %	ELECTRICAL POWER**				Flanging	Emission compliance	Max. Emission compliance available***
		Stand-by kW-hp	Prime kW-hp	Intermittent (Stand-by) kVA		Continuous (Prime)						
						kVA	kW					
60 Hz	KDW 702	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	
	KDW 1003	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	
	KDW 1404	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	16.7 - 22.4	86%	19.8	15.8	18.0	14.4	SAE 4 - 7,5"	Tier 4 F	Tier 4 F	
	KDW 1603	18.5 - 25.2	16.8 - 22.9	86%	19.9	15.9	18.0	14.5	SAE 4 - 7,5"	Tier 2	Tier 4 F ⁽¹⁾	
	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 4 F ⁽¹⁾	Tier 4 F ⁽¹⁾	
	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 4 F ⁽¹⁾	
	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 4 F ⁽¹⁾	Tier 4 F ⁽¹⁾	
	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 4 F ⁽¹⁾	
	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 4 F ⁽¹⁾	Tier 4 F ⁽¹⁾	
	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 CAC§	70.0 - 93.8	63.6 - 85.2	89%	77.9	62.3	70.8	56.6	SAE 3 - 11,5"	Tier3/Tier 4 F ⁽¹⁾	Tier 4 F ⁽¹⁾	
3600	KDW 702	11.7 - 16.0	10.6 - 14.5	85%	12.2	9.9	11.0	9.0	SAE 5 - 6,5"	Tier 2	Tier 4 F ⁽¹⁾	
	KDW 1003	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	
	KDW 1404	24.5 - 33.3	22.3 - 30.3	85%	26.0	20.8	23.7	18.9	SAE 5 - 6,5"	Tier 4 F ⁽¹⁾	Tier 4 F ⁽¹⁾	

§ Equipped with charged air after cooler

EUROPE

Lombardini Srl
Via Cav. del lavoro
A. Lombardini n° 2
42124 Reggio Emilia, ITALY
T. +39-(0)522-389-1
infodiesel@kohler.com

DEUTSCHLAND

Lombardini Motoren GmbH
Fritz-Klatte-Str. 6, Bürogebäude 2
65933 Frankfurt am Main,
DEUTSCHLAND
T. +49-(0)69-9508160
de.infodiesel@kohler.com

UK

Lombardini U.K. Ltd
1, Rochester Barn - Eynsham Road
OX2 9NH
Oxford, UK
T. +44-(0)1865-863858
uk.infodiesel@kohler.com

ESPAÑA

Lombardini ESPAÑA, S.L.
P.I. Cova Solera 1-9
08191 - Rubí (Barcelona)
ESPAÑA
T. +34-(0)9358-62111
es.infodiesel@kohler.com

FRANCE

Lombardini France S.a.s.
47 Allée de Riottier,
69400 Limas, FRANCE
T. +33-(0)474-626500
fr.infodiesel@kohler.com

ROAPAC

Kohler Singapore Pte Ltd
(Kohler Power Systems)
7 Jurong Pier Road
SINGAPORE 619159
T. +65-63020701
Sgsalesall@kohler.com

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