



**KOHLER®**

## Generator Ratings

| Diesel Engines

# 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		
1500	1500	KD625-2	10.7-14.6	9.8-13.3	85%	11.4	9.1	10.4	8.3	SAE 4 - 7.5"	-
		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	-
	3000	KD15-440	6.8-9.3	6.2-8.4	82%	7.0	5.6	6.3	5.1	EXT 6-SAEJ609B	NOT EMISSIONED/EU STAGE V
		KD15-441	6.7-9.2	6.1-8.3	82%	6.9	5.5	6.2	5.0	EXT 6-SAEJ609B	INDIA CPCB 2 E NOT EMISSIONED
		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	-
		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	KD625-2	13.5-18.4	12.3-16.7	85%	14.4	11.5	12.8	10.3	SAE 4 - 7.5"	-	-
		KD15-225	3.3-4.5	3.0-4.1	75%	3.1	2.5	2.9	2.3	EXT 6-SAEJ609B	-	-
		KD15-350	5.1-7.0	4.6-6.3	80%	5.1	4.1	4.7	3.8	EXT 6-SAEJ609B	-	-
		KD15-440	7.4-10.1	6.7-9.1	82%	7.5	6.0	6.8	5.4	EXT 6-SAEJ609B	TIER 4 I	TIER 4 F
		KD425-2	13.0-17.7	11.8-16.1	85%	13.7	11.0	12.3	9.9	EXT 6-SAEJ609B	-	-

§ 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 OVERLOAD (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 EMISSIONED / 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
		KDI 3404TCR SCR	81.0-109.4	73.6-99.4	92%	93.1	74.5	84.6	67.7	SAE 3 - 11.5"	TIER 4 F	TIER 4 F
	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**®

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