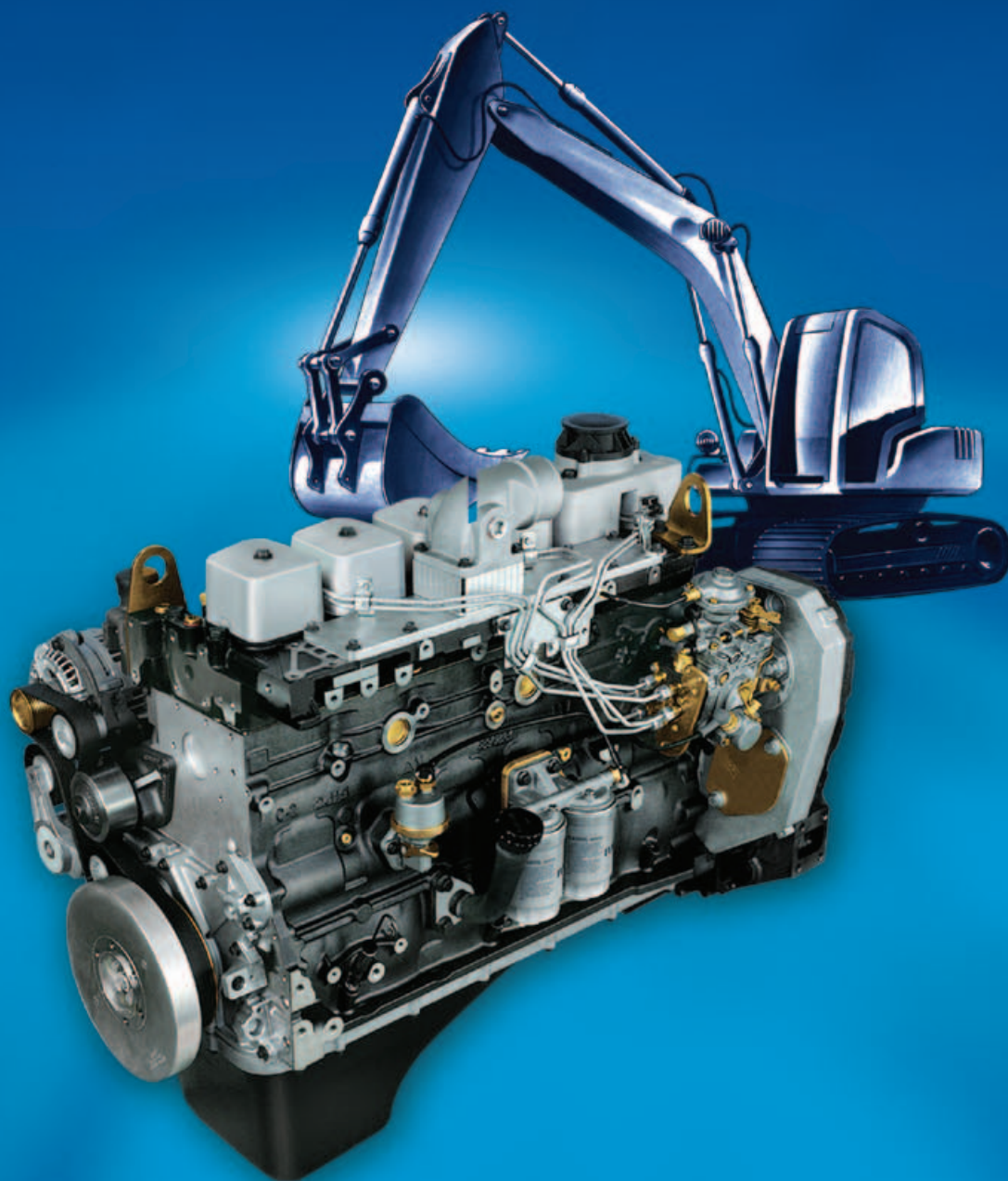


ENGINES RANGE FOR INDUSTRIAL APPLICATIONS

FROM 66 kW (89 Hp) @ 2200 rpm
TO 560 kW (761 Hp) @ 2100 rpm

TIER 3 / STAGE III A



T E C H N O L O G I C A L E X C E L L E N C E

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POWERTRAIN TECHNOLOGIES

ENGINES RANGE TIER 3 / STAGE III A - FOR INDUSTRIAL APPLICATIONS

Engine model	Cylinders -Injection - Aspiration (1)	Displacement liters	Power (2) kW (Hp) @ rpm	Dimensions (mm)		
				Length L	Width W	Height H
N45 MNS	4L - I.D. - TC	4.5	66 (89) @ 2200	807	643	983
N45 MSS *	4L - I.D. - TC	4.5	66 (89) @ 2200	807	600	983
N45 MNS	4L - I.D. - TC	4.5	74 (100) @ 2200	807	643	983
N45 MSS *	4L - I.D. - TC	4.5	74 (100) @ 2200	807	600	983
N45 MNT	4L - I.D. - TAA	4.5	93 (126) @ 2200	807	671	972
N45 MST *	4L - I.D. - TAA	4.5	93 (126) @ 2200	807	600	972
N45 ENT	4L - C.R. - TAA	4.5	104 (141) @ 2200	810	678	901
N67 MNT	6L - I.D. - TAA	6.7	129 (175) @ 2200	1054	671	1027
N67 ENT	6L - C.R. - TAA	6.7	175 (238) @ 2200	1054	685	1005
C87 ENT	6L - C.R. - TAA	8.7	260 (353) @ 2100	1253	852	1008
C10 ENT	6L - E.U.I.- TAA	10.3	315 (429) @ 2100	1355	865	1130
C13 ENT	6L - E.U.I.- TAA	12.9	375 (510) @ 2100	1355	865	1130
V08 ENT	8V - C.R. - TAA	20.1	560 (761) @ 2100	1374	1422	1291

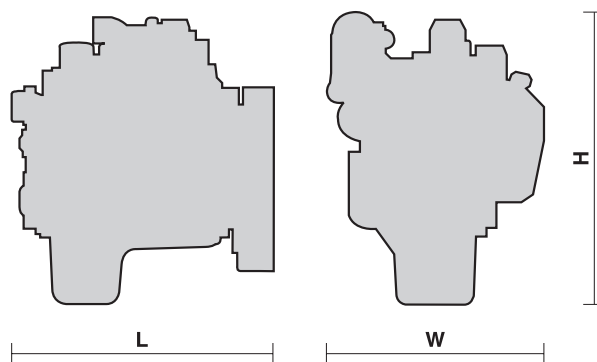
* Engines with narrow valve train.

- (1) L = Cylinders in line vertical.
 I.D. = Direct injection.
 C.R. = Common rail.
 E.U.I. = Electronic unit injection.
 NA = Naturally aspirated.
 TC = Turbocharged.
 TAA = Turbocharged aftercooled.

- (2) Power at flywheel according to 2004/26 EC (without fan), after 50 hours running, 3% tolerance, fuel Diesel EN 590.

Test conditions : ISO 3046/1, 25°C air temperature, 100 kPa atmospheric pressure, 30% relative humidity - Applicable also to DIN 6271, BS 5514, SAE J1349 Standards.

(Hp) = metric Hp.



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