

# MAN TGA Competitor Comparison

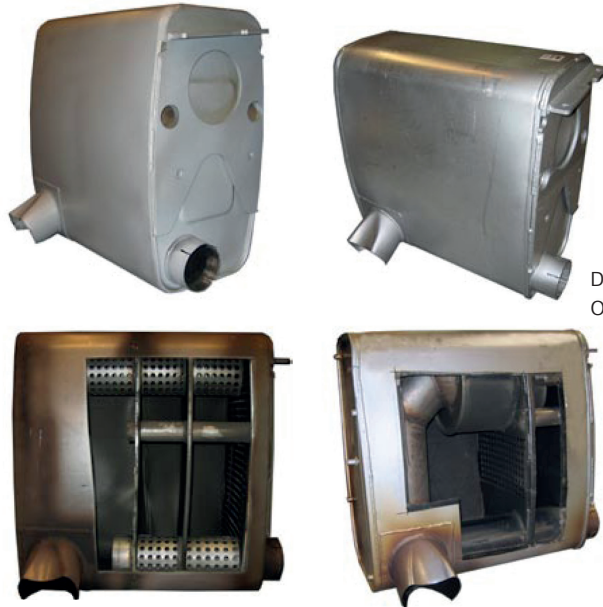


Dinex test program 49379		Competitor		Dinex		OE	
		Db	Mbar	Db	Mbar	Db	Mbar
Mode 1	(Minimum speed - 25% load)	15,9	5,6	20,2	2,8	19,2	6,4
Mode 2	(75% rated speed - 50 % load)	16,1	46,5	16,8	41,7	17,4	51,0
Mode 3	(75% rated speed - 100% load)	11,6	119,5	12,6	95,0	12,4	113,1
Mode 4	(Maximum power - "at rated speed")	8,5	152,7	8,4	114,7	8,4	139,2
Mode 5	(Maximum load)	15,3	60,1	16,2	50,1	16,2	63,1

Test results must be compared against the OE sample.

Db (noise reduction) lower than OE means more noise.

Mbar (back pressure) higher than OE means more wear and tear on the engine and a higher use of fuel.



Polish competitor

Dinex

Dinex no. 49379  
OE no. 81.15101.0335  
81.15101.0346

After 30 minutes of testing on a V8 engine with 543 HP, competitors product was more heat effected than Dinex silencer.

Polish competitor	Dinex	Result
Single body without isolated material	Double body with isolated material	Dinex silencer has a longer lifetime
Body is welded	Body is lock seamed	Competitor product is more corrosive
Inside construction simplified	Inside construction same as OE	Dinex silencer gives OE performance
Weight 47 kg	Weight 60 kg	Dinex silencer matches OE



Quality products from Dinex – Europe's leading supplier of complete exhausts systems and emission technologies for commercial vehicles.



going the extra mile