

*The number one air end
just got better!*

The new EN55 air end benefits from our policy of continuous improvement in engineering function, the latest technology and design tools, combined with our screw compressor design expertise of over 50 years. It represents a modular design structure and there are two versions available: base and semi-integrated. Our continuous improvement to the quality of our products provides maximum customer satisfaction and longterm co-operation.

Why choose the Enduro N55?

Enduro N55 air ends are designed for demanding customer applications.

- High efficiency 3rd generation air end
- Direct driven versions optimized for
 - 75 kW, 50 Hz, 7.5 bar package
 - 90 kW, 50 Hz, 10 bar package
 - 90 kW, 60 Hz, 7.5 bar package
 - 110 kW, 60 Hz, 10 bar packagewith two pole electric motors use
- Gear ratios $1/i =$ from 0.5 to 2.0 geared versions



N55

Tamrotor

Key facts

From 30 kW up to 160 kW shaft power and air capacity (FAD) of 4.7 ... 22 m³/min

EN55

- Air capacity, FAD max 22 m³/min, operation up to 160 kW
- Offers the proven reliability due to the experienced Enduro bearing construction
- New shaft seal: increased reliability and a 3-Lip Shaft Seal with scavage groove between the Lips – Benefits: less leakages and longer life-time, easier to change

Available versions:

- EN55 basic air end
- Direct or belt driven (direction of rotation CCW)
- Gear driven, suitable for diesel engine (direction of rotation CW): gear ratios 0.5 ... 2.0

Technical Data

Enduro	Motor power		Capacity at 7 barg (101.5 psig) pressure		Pressure range		Speed range	Net weight	
	kW	hp	m ³ /min	cfm	barg	psig	rpm	kg	lbs
EN55	30 – 160	40 – 220	4.7 – 22	166 – 777	5 – 13.5	73 – 196	1000 – 4500	350	772

Contact Gardner Denver Oy for gear ratios and options available



EN55 Base



EN55G Base

Tamrotor

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