

TECNICAL DATA SHEET B TA 12-18

INERT GAS COMPRESSOR BOOSTER

Applied Category According to Article 3 and Annex II

PED Cat. III

Flow rate	- Max 300l/min
Speed	1,000 /1300 l/min
Number of stages	2 + 1
Number of cylinder	2 + 1
Cylinder bore service stage	38 mm
Cylinder bore 2nd stage	38 mm
Cylinder bore 3rd stage	15 mm
Stroke	50 mm
Oil pump flow rate	0,7 l/min
Direction of rotation (from flywheel side)	Left – counter clockwise
Drive type	V-belt A type
Amount of oil	5 Liters
Intake pressure	2 – 3.5 bar
Type of gas	Air – Nitrogen – Helium - Argon
Intake Pressure	Min 2 bar Max 3.5 bar
Nominal pressure	200 bar / 230 bar / 330 bar /
Filling pressure	232 bar / 330 bar /
Max working pressure	ON REQUEST 330 bar
Permissible ambient temperature range	+5 ÷ +50°C
Permissible altitude	0 ÷ 1,500 m AMSL
Max. permissible tilt	15°
System design	cabinet
Decibel	68
Oil change interval (Three-phase motor)	Every year/ 1000 h
Power	7,5 kW
Model	MEC 132-160
Type of construction	B3
Type	Three-phase Squirrel-Cage-Motor
Operating voltage / frequency	400 V, 50 Hz
Motor	2950 RPM .
Protection class	IP54
Pumping group	450 RPM
Motor pulley diameter	140 mm

OPTIONAL EQUIPMENT

Kit sistema filtrante abbattimento olio

Kit sistema filtrante abbattimento olio+ Vapori olio con sistema filtrante conforme alla EN ISO 8573-2 (specifico per taglio laser)

Touch Screen

Final HP Refrgerator F R 1000 lt minuto. 500-690

Final HP Refrgerator F R 500 lt. minuto. 300 - 500

Filter Humidity Controll System PRESEC Touch Screen

Filter Humidity Controll System PRESEC Analog

Start Stop control system



Fascicolo Tecnico Booster B T A 12-18