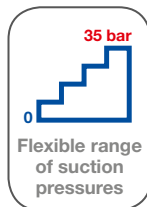




Single- and Two-stage, Air-cooled High-pressure Compressors TRx 400



Your Applications

- Compression of H₂
- Compression of N₂
- Compression of O₂
- Filling of gas cylinders
- Storage of synthesis gases

Our Experience – YOUR BENEFITS

■ Technical Data

Series	TRE 400	TRZ 400
Description	1-stage, single-acting	2-stage, single-acting
Max. compression ratio per stage	1:6	1:6
Max. suction pressure	35 bara	35 bara
Max. final pressure*	220 bara	220 bara
Max. drive power on the shaft	30 kW	30 kW
Speed range	400–700 rpm	400–700 rpm
Arrangement of the cylinders	Series	Series
Type of drive	Belt driven	Belt driven
Compression of toxic and flammable gases	Possible	Possible
Compressor cooling	Air-cooled	Air-cooled

* Relieve pressure safety valve, operating pressure max. = 0,9 x max. final pressure

CYLINDER BLOCK

- Modular design
- Customizable to your individual compression requirements

PISTON ROD SEAL

- Separates the gas section from the drive section
- Prevents gas leaking out from the compression space
- Designed according to the application

FLUSHING GAS CONNECTION

- For flushing with inert gases
- Allows compression of corrosive gases

DISTANCE RETAINER

- Key to oil-free compression

CRANK GEAR

- Extremely robust
- High availability of the system through crosshead design

