



# SINGLE- AND TWO-STAGE, AIR-COOLED HIGH-PRESSURE COMPRESSORS

**TRx 400** 

## **Your Applications**

Compression of H<sub>2</sub>

Compression of N<sub>2</sub>

Compression of 0<sub>2</sub>

Filling of gas cylinders

Storage of synthesis gases









Oil-free



of suction pressures



**Piston** 



Air-cooled



Customized solutions



Plant and process reliability

# **OUR EXPERIENCE - YOUR BENEFITS**

### **Technical data**

Series Description	TRE 400 1-stage, single-acting	TRZ 400 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	22 kW	22 kW
Speed range	480-750 1/min	480-750 1/min
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

<sup>\*</sup> 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 intert gases
- · Allows compression of corrosive

#### **DISTANCE RETAINER**

Key to oil-free compression

#### **CRANK GEAR**

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

Get in touch with us!

Mehrer Compression GmbH

Rosenfelder Straße 35 · 72336 Balingen, Germany Phone +49 (0) 7433 2605 -0 · Fax +49 (0) 7433 2605 -41 info@mehrer.de · www.mehrer.de