

AIR-COOLED COMPRESSORS

TZL 40, TEL 80

TEL 80 and TZL 40
compressors are used
primarily in the
following sectors:

Environment

Petrochemistry

Food & Beverages

Raw Materials

Special Engineering

Chemistry

Machine Construction



The single-stage TEL 80 and two-stage TZL 40 are air-cooled compressors and thus can be operated without cooling-water. These compressors are used when absolutely oil-free compression of difficult to compress gases is required. A specific application of TEL 80 is decanting of LPG. Mehrer's vertical compressor design is space saving. TEL 80 and TZL 40 can be operated with pre-pressure and frequency controlled working speed.

The most important advantages:

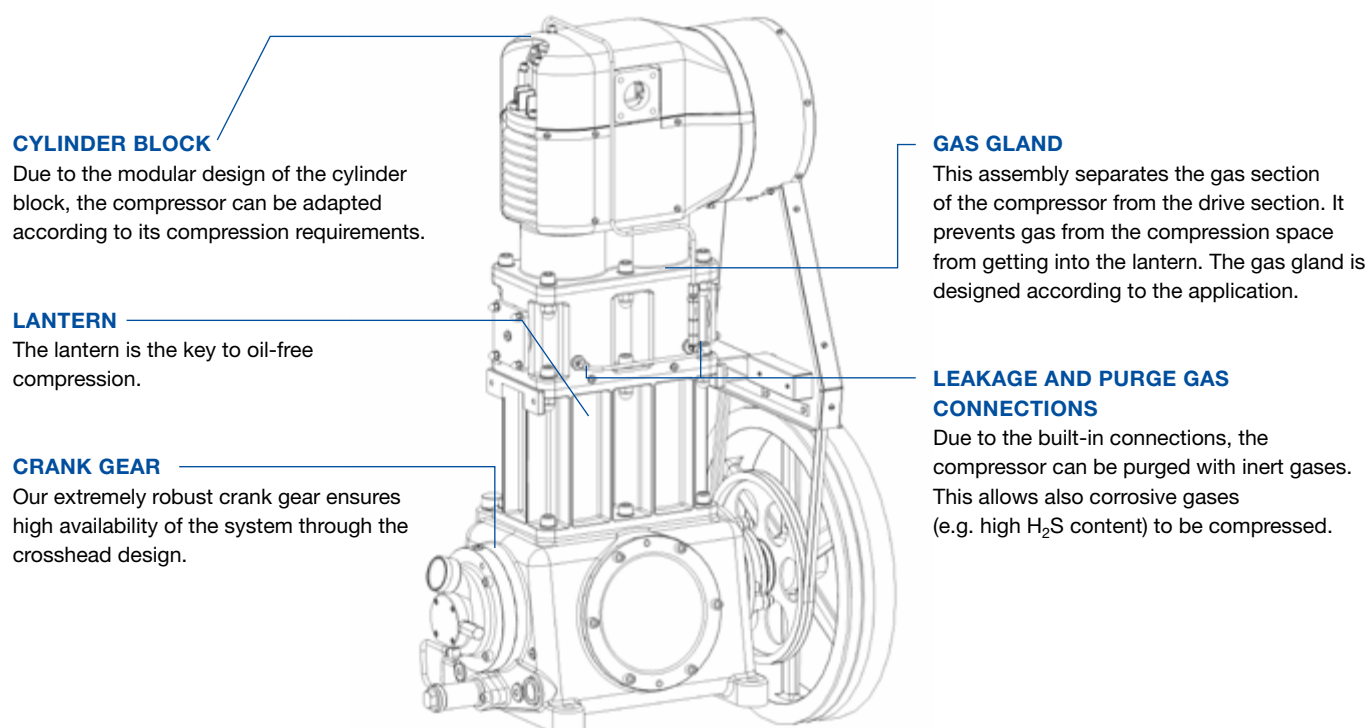
- 100 % oil-free compression without the use of filters
- Air-cooled
- Low maintenance
- Durable
- Efficient
- Robust
- API oriented
- Risk assessment according to DIN EN ISO 12100

OUR EXPERIENCE – YOUR BENEFITS

Technical data

Series	TZL 40	TEL 80
Description	2-stage, single-acting	1-stage, single-acting
Max. compression ratio per stage	1:5.5	1:7
Max. suction pressure	6 bara	26 bara
Max. final pressure*	22 bara	26 bara
Stroke volume per 1 crank revolution	2 157 ccm	3 451 ccm
Max. drive power on the shaft	11 kW	22 kW
Speed range	480 - 700 rpm	400 - 735 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



Get in touch with us!

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