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## Component Mechanical Seal - Stationary, Balanced



### Type 196

#### DIN 24960

- Mechanical seal with elastomer O-rings

#### Convincing Arguments!

##### All stationary mechanical seals from DEPAC are balanced.

Lower face friction means less wear and longer life with all its advantages.

Whatever the pump, DEPAC mechanical seals offer far better performance and reliability for all the design versions illustrated. The results are user-friendly and cost-effective sealing solutions for even critical applications such as hot water or media containing abrasives or other solid matter.

Put an end to sleeve wear and short seal life caused by dynamic, unbalanced mechanical seals. **Install DEPAC stationary seals!**

#### Notes

To prevent the mechanical seal from slipping on the shaft or sleeve at operating pressures above 15 bar (225 PSI), DEPAC recommends drilling the shaft or sleeve where the set screws are to be tightened as a general precaution.

The mechanical seals with mounting dimensions and length dimensions produced specially for DIN 24960 can also be used of course with matching DEPAC adapters or glands in all other stuffing boxes. However you will need to check the related dimensions of your equipment.

DEPAC standard glands and adapters are listed [here](#). DEPAC also offers its O-ring mechanical seals as special versions with larger dimensions than the listed standard sizes.

#### Links

[Dimensions Table and Drawing](#)
[<< Overview](#)

#### DEPAC-Advantages

- **Stationary design principle**
- **No scoring of pump shafts or sleeves**
- **Balanced**
- **No stepped sleeve required for the balancing**
- **Stationary face support absorbs shocks and vibrations**
- **Springs outside the medium**
- **Independent of the direction of rotation**

#### Technical Data

##### RANGES OF APPLICATION

Pressure	700 mm Hg (28" HG) – 30 bar (450 PSI)
Temperature	Depends on the elastomer
Speed	30 m/sec. (6000 FPM)

##### SIZES

D <sub>shaft</sub>	18 ... 100 mm 1" ... 4"
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##### MATERIALS

Metals	DIN 1.4571, 316 SS/Hastelloy C
Springs	Hastelloy C
Faces	CA, CE, SC, SSIC, TC FPM, EPDM, PTFE, FEP encaps., Chemraz, Kalrez, Aflas, etc.
O-Rings	

Other sizes, materials or design versions on request.