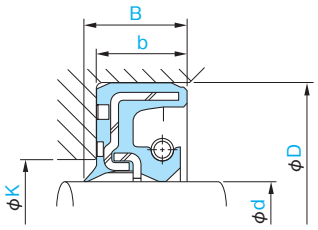
# TCZ Type




TCZ type

- The sectional view on the right shows the typical proifle of the seal type.
- Check the guide to allowable operating conditions on pages 10 and 11 for relevant information on the seal selected before use.
- If there is an "※" at the end of the part number, as this indicates that an SUS spring specification is available, we ask that you refer to the introduction on SUS spring specifications on page 150.

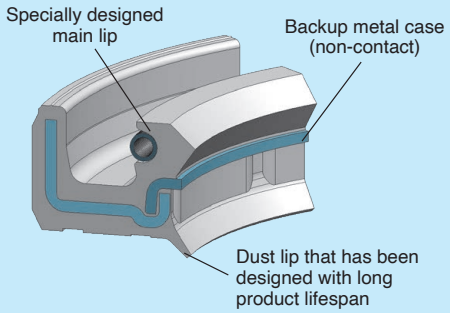
■When ordering, please indicate the NOK part number and the relevant dimensions.

**Order Example NOK Part Number: AP 1031 E0**
**Type: TCZ, Shaft diametaer: 20, Outside diameter: 40, Width: 9**

| Dimensions | | | | | Part Number | |
|---|---|---|---|---|---|---|
| Shaft diameter d | Outside diameter D | Width b | Total width B | Size of Backup Plate K | Nitrile (NBR) A795 | Fluorocarbon (FKM) F548 |
| 20 | 40 | 9 | 10.3 | 24 | AP 1031 E0 | AP 1031 F0 |
| 25 | 45 | 9 | 10.3 | 29 | AP 1336 E0 | AP 1336 F0 |
| 30 | 50 | 9 | 10.3 | 34 | AP 1706 F0 | AP 1706 G0 |
| 35 | 55 | 9 | 10.3 | 39 | AP 2083 E0 | AP 2083 F0 |
| 40 | 62 | 9 | 10.3 | 44 | BP 3590 E0 | BP 3590 F0 |
| 45 | 68 | 9 | 10.3 | 49 | AP 2666 F0 ※ | AP 2666 G0 |
| 50 | 72 | 9 | 10.3 | 54 | AP 2861 F0 | AP 2861 G0 |
| 55 | 78 | 9 | 10.3 | 59 | AP 3053 E0 | AP 3053 F0 |
| 60 | 82 | 9 | 10.3 | 64 | AP 3220 E0 | AP 3220 F0 |
| 65 | 90 | 9 | 10.3 | 69 | BP 3054 F0 | BP 3054 G0 |

## [Introducing Our TCZ Model]

Our proprietary structural design is this model's key feature!
We have broken new ground by designing an oil seal that can withstand surge pressures of 2.0 MPa!

1. The main lip portion is molded in an integrated manner with a backup metal case to ensure a stable seal under pressurized conditions.
2. Since the main lip portion exhibits minimal deformation even when pressure is applied to it, and since it has been designed to achieve proper pressure distribution, it is capable of maintaining stable sealing properties over the long term.
3. The low-torque design of the dust lip portion allows for long product lifespan.

[Structural diagram]