

## RSB2

### TENUTA STELO TIPO RSB2

#### Descrizione

La tenuta stelo RSB2 è molto simile alla tenuta RSB con l'aggiunta di un anello antiestrusione. Si utilizza questa tenuta quando non è possibile ridurre i giochi di accoppiamento tra la testata e lo stelo e dove esistono picchi di pressione elevata.

#### Dati tecnici

Pressione: <400 bar con punte a 500 bar  
alla temperatura di 60°C  
Velocità: <0.5 m/s  
Temperatura: da - 35°C a +100°C con punte  
fino a +110°C  
Fluidi : fluidi idraulici a base minerale  
(v. tabella 3 a p. 14)

#### Materiale

Il materiale proposto è il poliuretano tipo C0 ad alto modulo elastico, basso compression-set ed elevata resistenza all'abrasione. Ha una durezza di 93 Shore A $\pm$ 2.

Per l'anello antiestrusione è proposta una resina poliacetalica (R0) con elevata resistenza al carico di rottura.

Codice materiale: CR

#### Montaggio

Eliminare bave e spigoli taglienti presenti nella sede e sullo stelo per evitare che la guarnizione si danneggi. È sempre consigliato lubrificare la tenuta prima del montaggio per agevolare l'inserimento dello stelo. Per ulteriori informazioni leggere le istruzioni a p. 61.

### RSB2 TYPE ROD SEAL

#### Description

The RSB2 seal type is similar to the RSB type with anti-extrusion ring. This seal is recommended when the coupling clearance between the head and the rod cannot be reduced and in the event of high pressure peaks.

#### Technical data

Pressure: <400 bar with peaks till 500 bar  
At 60°C  
Speed : < 0.5 [m/s]  
Temperature: - 35 °C ÷ +100 °C with peaks till  
+110°C  
Fluids : mineral hydraulic fluids  
(see table 3, page 14)

#### Material

The proposed material is a "C0" type polyurethane, with high elasticity modulus, low compression-set and high abrasion resistance.

The hardness is 93 Shore A  $\pm$  2.

The material proposed for the antiextrusion ring is polyacetal resin (R0) with haight resintence to breaking load

Material code:CR

#### Assembling

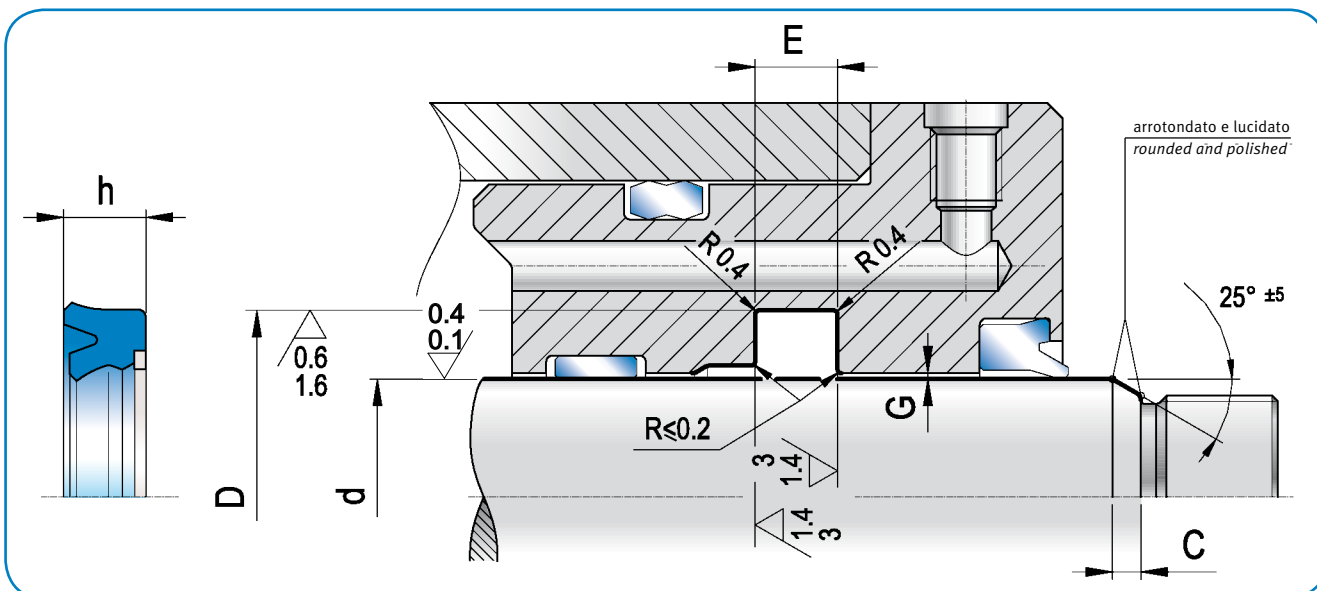
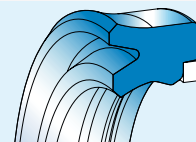
To prevent any damage to the seal, remove any flash and cutting edges in the housing and on the rod.

The seal should always be lubricated before assembling in order to have easier insertion of the rod.

For further information please refer to the installation instructions on page 61.



# RSB2



RSA  
RLF  
RSB  
**RSB2**  
RSC  
RSD  
RPO  
RAA  
TSS/P  
TSS  
RSO  
RBR  
RPS

| d <sub>h9</sub> | D <sub>H10</sub> | h    | E <sub>+0,2</sub> | C   | ART / ITEM            |
|-----------------|------------------|------|-------------------|-----|-----------------------|
| 40,0            | 55,0             | 10,0 | 11,0              | 5,5 | RSB2 0400 0550 100 CR |
| 42,0            | 51,0             | 10,0 | 11,0              | 4,5 | RSB2 0420 0510 100 CR |
| 45,0            | 60,0             | 10,0 | 11,0              | 5,5 | RSB2 0450 0600 100 CR |
| 50,0            | 59,0             | 10,0 | 11,0              | 4,5 | RSB2 0500 0590 100 CR |
| 50,0            | 60,0             | 7,3  | 8,0               | 5,0 | RSB2 0500 0600 073 CR |
| 50,0            | 65,0             | 10,0 | 11,0              | 5,5 | RSB2 0500 0650 100 CR |
| 50,0            | 65,0             | 11,5 | 12,5              | 5,5 | RSB2 0500 0650 115 CR |
| 50,0            | 70,0             | 12,0 | 13,0              | 6,0 | RSB2 0500 0700 120 CR |
| 56,0            | 71,0             | 11,5 | 12,5              | 5,5 | RSB2 0560 0710 115 CR |
| 60,0            | 69,0             | 10,0 | 11,0              | 4,5 | RSB2 0600 0690 100 CR |
| 60,0            | 75,0             | 11,5 | 12,5              | 5,5 | RSB2 0600 0750 115 CR |
| 60,0            | 80,0             | 12,0 | 13,0              | 6,0 | RSB2 0600 0800 120 CR |
| 63,0            | 78,0             | 11,5 | 12,5              | 5,5 | RSB2 0630 0780 115 CR |
| 63,0            | 83,0             | 12,0 | 13,0              | 6,0 | RSB2 0630 0830 120 CR |
| 65,0            | 80,0             | 11,5 | 12,5              | 5,5 | RSB2 0650 0800 115 CR |
| 70,0            | 80,0             | 7,3  | 8,0               | 5,0 | RSB2 0700 0800 073 CR |
| 70,0            | 85,0             | 11,5 | 12,5              | 5,5 | RSB2 0700 0850 115 CR |
| 75,0            | 95,0             | 13,5 | 14,5              | 6,0 | RSB2 0750 0950 135 CR |

| d <sub>h9</sub> | D <sub>H10</sub> | h    | E <sub>+0,2</sub> | C   | ART / ITEM            |
|-----------------|------------------|------|-------------------|-----|-----------------------|
| 80,0            | 95,0             | 11,5 | 12,5              | 5,5 | RSB2 0800 0950 115 CR |
| 80,0            | 100,0            | 13,5 | 14,5              | 7,0 | RSB2 0800 1000 135 CR |
| 85,0            | 100,0            | 11,0 | 12,0              | 7,0 | RSB2 0850 1000 110 CR |
| 85,0            | 105,0            | 12,0 | 13,0              | 7,0 | RSB2 0850 1050 120 CR |
| 85,0            | 105,0            | 13,5 | 14,5              | 7,0 | RSB2 0850 1050 135 CR |
| 90,0            | 105,0            | 11,5 | 12,5              | 6,0 | RSB2 0900 1050 115 CR |
| 95,0            | 115,0            | 13,5 | 14,5              | 7,0 | RSB2 0950 1150 135 CR |
| 100,0           | 120,0            | 12,0 | 13,0              | 7,0 | RSB2 1000 1200 120 CR |
| 100,0           | 120,0            | 13,5 | 14,5              | 7,0 | RSB2 1000 1200 135 CR |
| 105,0           | 125,0            | 12,0 | 13,0              | 7,0 | RSB2 1050 1250 120 CR |
| 110,0           | 125,0            | 11,0 | 12,0              | 7,0 | RSB2 1100 1250 110 CR |
| 110,0           | 130,0            | 12,0 | 13,0              | 7,0 | RSB2 1100 1300 120 CR |
| 120,0           | 140,0            | 12,0 | 13,0              | 7,0 | RSB2 1200 1400 120 CR |
| 125,0           | 145,0            | 12,0 | 13,0              | 7,0 | RSB2 1250 1450 120 CR |
| 130,0           | 150,0            | 12,0 | 13,0              | 7,0 | RSB2 1300 1500 120 CR |

CR = CO (TPU 93 shore A) + RO (POM)

Nota: altre dimensioni non a catalogo a richiesta. Consultare il nostro ufficio tecnico.

Remark: please contact our technical dept. for further dimensions not included in the catalogue.