

PAE

TENUTA PISTONE CON ANELLO ANTIESTRUSIONE TIPO PAE

Descrizione

La guarnizione tipo PAE è stata realizzata specificatamente per operare in condizioni di esercizio molto gravose.
Quando i giochi di accoppiamento tra camicia e pistone non possono essere ridotti e la pressione è molto elevata, superiore a 250 bar, la tenuta tipo PAE, grazie ad un robusto anello antiestrusione, risulta tra le più appropriate.

Dati tecnici

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

Materiale

I materiali utilizzati sono un poliuretano tipo Co a 93 Shore A ad alto modulo elastico per la guarnizione e una resina acetalica, tipo Ro rinforzata con fibre di vetro con elevata resistenza al carico di rottura, per l'anello antiestrusione.
Codice materiale: CR

Montaggio

- Lubrificare la tenuta prima del montaggio che avviene in cava semiaperta
- montare la tenuta e poi l'anello antiestrusione
- togliere le bave e gli spigoli vivi sul pistone per non danneggiare la guarnizione durante il montaggio nella fase di accavallamento.

Per ulteriori informazioni leggere le istruzioni a p. 63

PAE TYPE PISTON SEAL WITH ANTIEXTRUSION RING

Description

The PAE seal type is specially designed for heavy duty applications.
When the coupling clearance between bore and piston cannot be reduced and the pressure is very high - above 250 bar - the PAE seal type, thanks to a strong anti-extrusion ring, is among the most appropriate of seal types.

Technical data

Pressure: ‹ *400 bar at a temperature of 60° C*
Speed: ‹ *0.5 m/s*
Temperature: from - 35° C till +100° C
Fluids: mineral oils
(see table 3, page 14)

Material

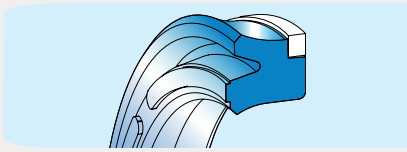
The material used for the seal is polyurethane Co-type at 93 Shore A with high elasticity module. The anti-extrusion ring is made of acetal resin Ro-type reinforced with fibreglass and with high tensile strength.
Compound reference: CR

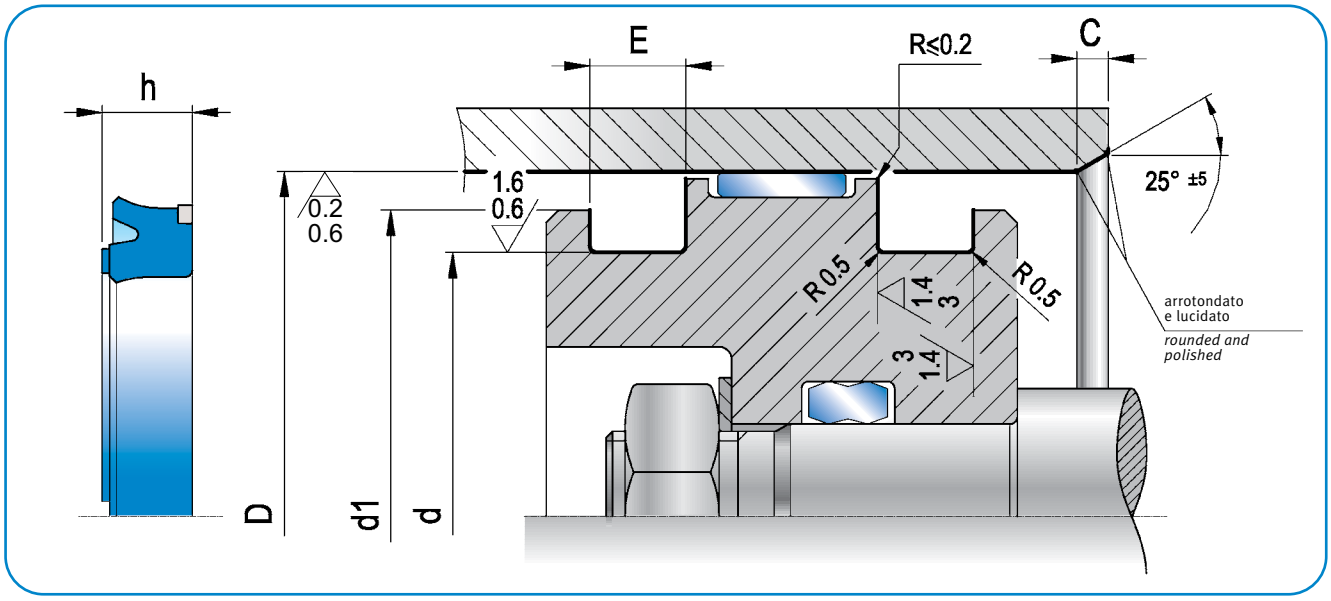
Assembling

- *The assembling of this seal is done in semi-open groove*
- *the anti-extrusion ring should be installed after the seal*
- *It is important to remove any flash or cutting edge on the piston not to damage the seal during the overlapping.*
- *Lubricate the packing before installation.*

For further information please refer to the installation instructions on page 63.

PAE





D_{H9}	d_{h9}	d_1*	h	$E_{+0,2}$	C	ART / *ITEM*
40,0	25,0	35,0	9,3	9,5	4,0	PAE 0400 0250 093 CR
45,0	30,0	40,0	9,3	9,5	4,0	PAE 0450 0300 093 CR
50,0	35,0	45,0	9,3	9,5	4,0	PAE 0500 0350 093 CR
55,0	40,0	50,0	9,3	9,5	4,0	PAE 0550 0400 093 CR
60,0	45,0	55,0	9,3	9,5	4,0	PAE 0600 0450 093 CR
63,0	48,0	58,0	9,3	9,5	4,0	PAE 0630 0480 093 CR
65,0	50,0	60,0	9,3	9,5	4,0	PAE 0650 0500 093 CR
70,0	50,0	64,0	12,2	12,5	5,0	PAE 0700 0500 122 CR
75,0	55,0	69,0	12,2	12,5	5,0	PAE 0750 0550 122 CR
80,0	60,0	74,0	12,2	12,5	5,0	PAE 0800 0600 122 CR
85,0	70,0	80,0	9,3	9,5	4,0	PAE 0850 0700 093 CR
90,0	70,0	84,0	12,2	12,5	5,0	PAE 0900 0700 122 CR

D_{H9}	d_{h9}	d_1*	h	$E_{+0,2}$	C	ART / *ITEM*
100,0	80,0	94,0	12,2	12,5	5,0	PAE 1000 0800 122 CR
105,0	85,0	99,0	12,2	12,5	5,0	PAE 1050 0850 122 CR
110,0	90,0	104,0	12,2	12,5	5,0	PAE 1100 0900 122 CR
115,0	95,0	109,0	12,2	12,5	5,0	PAE 1150 0950 122 CR
125,0	100,0	117,0	15,2	16,2	6,5	PAE 1250 1000 152 CR
125,0	105,0	119,0	12,2	12,5	5,0	PAE 1250 1050 122 CR
130,0	110,0	124,0	12,2	12,5	5,0	PAE 1300 1100 122 CR
140,0	115,0	132,0	15,2	16,2	6,5	PAE 1400 1150 152 CR
140,0	120,0	134,0	12,2	12,5	5,0	PAE 1400 1200 122 CR

* diametro di aggancio consigliato ma modificabile in funzione delle esigenze di montaggio

** recommended hook diameter which could be modified according to mounting demand*

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.