

PSA

TENUTA PISTONE TIPO PSA

Descrizione

La guarnizione tipo PSA è stata realizzata per impieghi su pistone e può essere utilizzata sia per il semplice che per il doppio effetto.

Ha labbri asimmetrici che assicurano sempre il contatto con la camicia anche con dei disallineamenti elevati.

Il montaggio avviene in cava semiaperta per accavallamento, avendo il materiale un alto modulo elastico.

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
 (vedi tabella 1 a pagina 12)

Materiale

Il materiale proposto è il poliuretano tipo C0 ad alto modulo elastico, basso compression-set ed alta resistenza all'usura.

Ha una durezza di 93 Shore A ± 2.

Codice materiale: C0

Montaggio

Eliminare tutti gli spigoli vivi e le bave sul pistone dove alloggia la guarnizione.

Eseguire uno smusso di invito sulla camicia per facilitare l'inserimento del pistone.

Lubrificare la tenuta prima del montaggio.

Per ulteriori informazioni leggere le istruzioni di montaggio a pag. 26.

PSA TYPE PISTON SEAL

Description

The PSA seal type has been conceived to work on the piston and it can be used for simple or double effect. Its has asymmetrical lips which ensure a continuous contact with the bore, even in case of high misalignments.

The installation is done in semi-open groove by overlapping, since the material has a high modulus of elasticity.

Technical data

*Pressure: < 400 bar at a temperature of 60° C
 Speed: < 0.5 m/s
 Temperature: from - 35° C to + 100° C, with peaks till 110° C
 Fluids: mineral-based oils and fuels
 (see table 1, page 12)*

Material

The material used is a polyurethane with a high modulus of elasticity, low compression set and high wear resistance.

Its hardness is 93 Shore A ± 2.

Compound reference: C0

Assembling

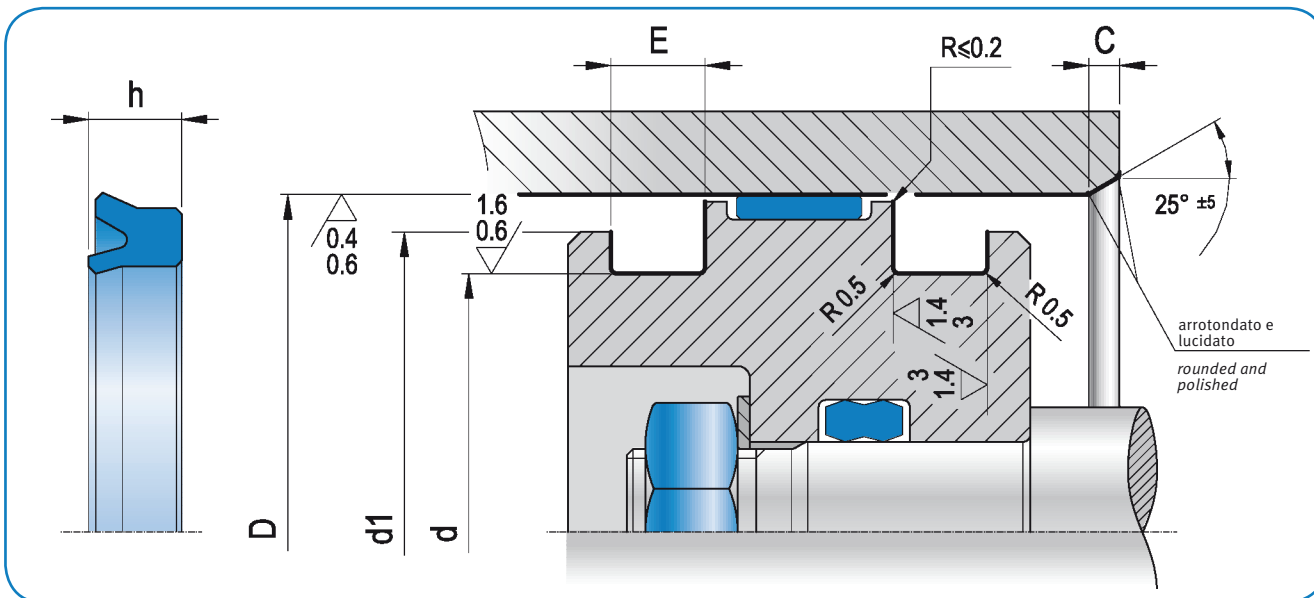
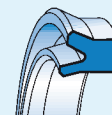
Remove any flash or cutting edges on the piston where the seal is housed.

Provide a lead-in chamfer in the bore to have an easier piston insertion.

Lubricate the packing before installation.

For further information please refer to the installation instructions on page 26.

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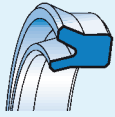
PSA
PAE
PSH
RR
PSO
PSQ
TPD
KDSA
KDSB
KDSP
KDAE

**OLEODINAMICA
HYDRAULIC**

D _{H9}	d _{H9}	h	E _{+0,2}	d ₁ *	C	ART / ITEM
20,0	12,0	6,5	7,5	15,0	4,0	PSA 0200 0120 065 C0
20,0	14,0	5,5	6,0	17,0	3,5	PSA 0200 0140 055 C0
22,0	12,0	8,0	9,0	16,0	5,0	PSA 0220 0120 080 C0
25,0	15,0	8,0	9,0	19,0	5,0	PSA 0250 0150 080 C0
30,0	20,0	8,0	9,0	24,0	5,0	PSA 0300 0200 080 C0
30,0	22,0	6,5	7,0	26,0	5,0	PSA 0300 0220 065 C0
32,0	22,0	10,0	11,0	26,0	5,0	PSA 0320 0220 100 C0
32,0	24,0	5,7	6,3	28,0	4,0	PSA 0320 0240 057 C0
32,0	26,0	5,0	6,0	28,0	3,5	PSA 0320 0260 050 C0
35,0	20,0	10,0	11,0	25,0	5,5	PSA 0350 0200 100 C0
35,0	25,0	8,0	9,0	29,0	5,0	PSA 0350 0250 080 C0
37,0	21,0	12,0	13,0	25,0	6,0	PSA 0370 0210 120 C0
40,0	25,0	10,0	11,0	30,0	6,0	PSA 0400 0250 100 C0
40,0	30,0	6,5	7,5	34,0	5,0	PSA 0400 0300 065 C0
40,0	30,0	10,0	11,0	34,0	5,0	PSA 0400 0300 100 C0
40,0	32,0	5,5	6,5	36,0	4,0	PSA 0400 0320 055 C0
40,0	32,0	8,0	9,0	36,0	4,0	PSA 0400 0320 080 C0
42,0	32,0	10,0	11,0	36,0	5,0	PSA 0420 0320 100 C0
45,0	30,0	10,0	11,0	35,0	6,0	PSA 0450 0300 100 C0
50,0	30,0	12,0	13,0	35,0	7,0	PSA 0500 0300 120 C0
50,0	32,0	10,0	11,0	37,0	6,5	PSA 0500 0320 100 C0
50,0	35,0	8,5	9,5	40,0	6,0	PSA 0500 0350 085 C0
50,0	35,0	10,0	11,0	40,0	6,0	PSA 0500 0350 100 C0
50,0	40,0	5,0	5,5	44,0	5,0	PSA 0500 0400 050 C0
50,0	40,0	10,0	11,0	44,0	5,0	PSA 0500 0400 100 C0
50,0	42,0	5,5	6,0	45,0	4,0	PSA 0500 0420 055 C0
50,0	42,0	8,0	9,0	45,0	4,0	PSA 0500 0420 080 C0

D _{H9}	d _{H9}	h	E _{+0,2}	d ₁ *	C	ART / ITEM
55,0	40,0	10,0	11,0	45,0	6,0	PSA 0550 0400 100 C0
60,0	40,0	12,0	13,0	45,0	7,0	PSA 0600 0400 120 C0
60,0	45,0	10,0	11,0	50,0	6,0	PSA 0600 0450 100 C0
60,0	50,0	7,0	8,0	54,0	5,0	PSA 0600 0500 070 C0
60,0	50,0	10,0	11,0	54,0	5,0	PSA 0600 0500 100 C0
63,0	43,0	12,0	13,0	47,0	7,0	PSA 0630 0430 120 C0
63,0	45,0	12,0	13,0	50,0	6,0	PSA 0630 0450 120 C0
63,0	48,0	6,5	7,5	53,0	6,5	PSA 0630 0480 065 C0
63,0	48,0	10,0	11,0	53,0	6,0	PSA 0630 0480 100 C0
63,0	48,0	12,0	13,0	53,0	6,0	PSA 0630 0480 120 C0
63,0	53,0	7,0	8,0	57,0	5,0	PSA 0630 0530 070 C0
63,0	53,0	12,0	13,0	57,0	5,0	PSA 0630 0530 120 C0
65,0	45,0	12,0	13,0	50,0	7,0	PSA 0650 0450 120 C0
65,0	50,0	10,0	11,0	55,0	6,0	PSA 0650 0500 100 C0
70,0	50,0	12,0	13,0	55,0	7,0	PSA 0700 0500 120 C0
70,0	55,0	9,5	10,5	60,0	6,0	PSA 0700 0550 095 C0
70,0	55,0	12,0	13,0	60,0	6,0	PSA 0700 0550 120 C0
70,0	60,0	7,0	8,0	64,0	5,0	PSA 0700 0600 070 C0
70,0	60,0	12,0	13,0	64,0	5,0	PSA 0700 0600 120 C0
70,0	62,0	7,5	8,5	65,0	4,5	PSA 0700 0620 075 C0
75,0	55,0	13,5	14,5	60,0	7,0	PSA 0750 0550 135 C0
75,0	65,0	7,0	8,0	69,0	5,0	PSA 0750 0650 070 C0
75,0	65,0	10,0	11,0	69,0	5,0	PSA 0750 0650 100 C0
80,0	60,0	12,0	13,0	65,0	7,0	PSA 0800 0600 120 C0
80,0	65,0	12,0	13,0	70,0	6,0	PSA 0800 0650 120 C0
80,0	68,0	8,5	9,5	72,0	5,5	PSA 0800 0680 085 C0
80,0	70,0	7,0	8,0	74,0	5,0	PSA 0800 0700 070 C0

* diametro di aggancio consigliato ma modificabile in funzione delle esigenze di montaggio
recommended hook diameter which could be modified according to mounting demand



PSA

D _{H9}	d _{h9}	h	E _{+0,2}	d ₁ *	C	ART / ITEM
80,0	70,0	12,0	13,0	74,0	5,0	PSA 0800 0700 120 C0
85,0	65,0	12,0	13,0	70,0	7,0	PSA 0850 0650 120 C0
85,0	65,0	13,5	14,5	70,0	7,0	PSA 0850 0650 135 C0
85,0	70,0	12,0	13,0	75,0	6,0	PSA 0850 0700 120 C0
85,0	75,0	10,0	11,0	79,0	5,0	PSA 0850 0750 100 C0
90,0	70,0	12,0	13,0	75,0	7,0	PSA 0900 0700 120 C0
90,0	70,0	13,5	14,5	75,0	7,0	PSA 0900 0700 135 C0
90,0	75,0	12,0	13,0	80,0	6,0	PSA 0900 0750 120 C0
90,0	80,0	10,0	11,0	84,0	5,0	PSA 0900 0800 100 C0
95,0	80,0	12,0	13,0	85,0	6,0	PSA 0950 0800 120 C0
95,0	85,0	7,0	8,0	89,0	5,0	PSA 0950 0850 070 C0
100,0	80,0	10,0	11,0	85,0	7,0	PSA 1000 0800 100 C0
100,0	80,0	12,0	13,0	85,0	7,0	PSA 1000 0800 120 C0
100,0	85,0	12,0	13,0	90,0	6,0	PSA 1000 0850 120 C0
100,0	88,0	8,5	9,5	93,0	5,5	PSA 1000 0880 085 C0
100,0	90,0	7,0	8,0	94,0	5,0	PSA 1000 0900 070 C0
105,0	90,0	12,0	13,0	95,0	6,0	PSA 1050 0900 120 C0
110,0	90,0	12,0	13,0	95,0	7,0	PSA 1100 0900 120 C0

D _{H9}	d _{h9}	h	E _{+0,2}	d ₁ *	C	ART / ITEM
110,0	95,0	12,0	13,0	100,0	6,0	PSA 1100 0950 120 C0
115,0	95,0	15,0	16,0	105,0	7,0	PSA 1150 0950 150 C0
115,0	100,0	12,0	13,0	105,0	6,0	PSA 1150 1000 120 C0
120,0	100,0	12,0	13,0	105,0	7,0	PSA 1200 1000 120 C0
120,0	105,0	12,0	13,0	110,0	6,0	PSA 1200 1050 120 C0
125,0	100,0	15,0	16,0	105,0	8,0	PSA 1250 1000 150 C0
125,0	105,0	12,0	13,0	110,0	7,0	PSA 1250 1050 120 C0
125,0	105,0	15,0	16,0	110,0	7,0	PSA 1250 1050 150 C0
125,0	110,0	10,0	11,0	115,0	6,0	PSA 1250 1100 100 C0
130,0	110,0	15,0	16,0	115,0	7,0	PSA 1300 1100 150 C0
140,0	120,0	12,0	13,0	125,0	7,0	PSA 1400 1200 120 C0
150,0	130,0	15,0	16,0	135,0	7,0	PSA 1500 1300 150 C0
160,0	140,0	11,5	12,5	145,0	7,0	PSA 1600 1400 115 C0
160,0	140,0	15,0	16,0	145,0	7,0	PSA 1600 1400 150 C0
180,0	160,0	11,5	12,5	165,0	7,0	PSA 1800 1600 115 C0
180,0	160,0	15,0	16,0	165,0	7,0	PSA 1800 1600 150 C0
200,0	170,0	19,0	20,0	175,0	8,0	PSA 2000 1700 190 C0
250,0	220,0	19,0	20,0	225,0	8,0	PSA 2500 2200 190 C0

* 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.