

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 sia per il doppio effetto. Ha labbri asimmetrici che assicurano sempre il contatto con la camicia anche in presenza di disallineamenti elevati. Grazie all'alto modulo elastico del materiale, il montaggio avviene in cava semiaperta.

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

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 $\pm$ 2.
Codice materiale: C0

Montaggio

- Lubrificare la tenuta prima del 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.

Per ulteriori informazioni leggere le istruzioni a p. 61.

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. Elastic installation in semi-open groove thanks to the high elastic modulus of the material.

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 3, page 14)*

Material

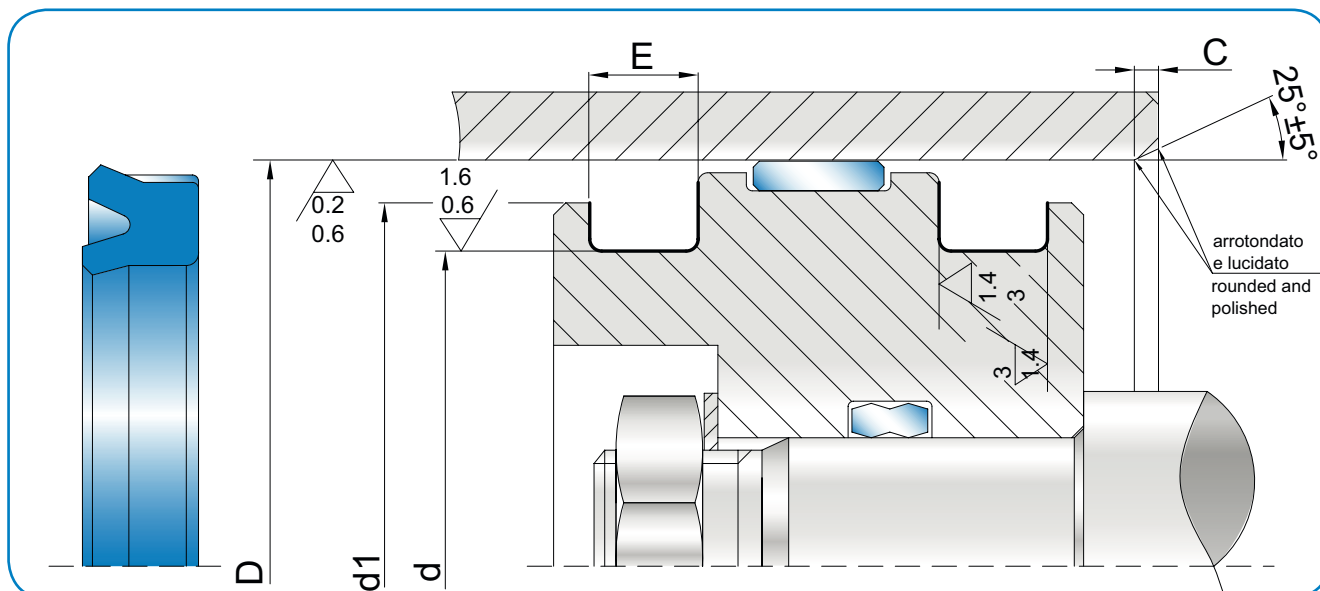
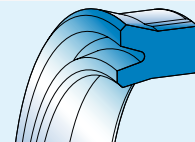
*The material used is a polyurethane with a high modulus of elasticity, low compression set and high wear resistance.
Its hardness is 93 Shore A $\pm$ 2.
Compound reference: C0*

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 61.*



PSA



PSA

PAE

PSH

RR

PSO

PSQ

PSN

TPD

PSZ

PHP

KDSA

KDSB

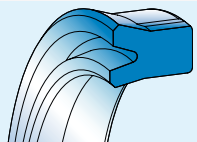
KDSP

KDAE

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
25,0	18,0	5,0	6,0	22,0	5,0	PSA 0250 0180 050 C0
28,0	20,0	7,0	8,0	24,0	5,0	PSA 0280 0200 070 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	19,3	7,0	8,0	21,3	5,0	PSA 0320 0193 070 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
34,0	28,0	5,0	6,0	32,0	3,5	PSA 0340 0280 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	27,3	7,0	8,0	29,3	5,0	PSA 0400 0273 070 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
45,0	30,0	12,0	13,0	35,0	6,0	PSA 0450 0300 120 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

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

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

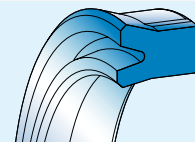


PSA

D _{H9}	d _{H9}	h	E _{+0,2}	d ₁ *	C	ART / ITEM
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	35,0	12,0	13,0	40,0	6,0	PSA 0500 0350 120 C0
50,0	40,0	5,0	5,5	44,0	5,0	PSA 0500 0400 050 C0
50,0	40,0	7,3	8,0	44,0	5,0	PSA 0500 0400 073 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
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	45,0	12,0	13,0	50,0	6,0	PSA 0600 0450 120 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
65,0	50,0	12,0	13,0	55,0	6,0	PSA 0650 0500 120 C0
70,0	40,0	11,0	12,0	45,0	7,0	PSA 0700 0400 110 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
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



PSA



D _{H9}	d _{h9}	h	E _{+0,2}	d ₁ *	C	ART / ITEM	PSA
90,0	75,0	12,0	13,0	80,0	6,0	PSA 0900 0750 120 C0	PAE
90,0	80,0	10,0	11,0	84,0	5,0	PSA 0900 0800 100 C0	PSH
95,0	80,0	12,0	13,0	85,0	6,0	PSA 0950 0800 120 C0	RR
95,0	85,0	7,0	8,0	89,0	5,0	PSA 0950 0850 070 C0	PSO
100,0	80,0	10,0	11,0	85,0	7,0	PSA 1000 0800 100 C0	PSQ
100,0	80,0	12,0	13,0	85,0	7,0	PSA 1000 0800 120 C0	PSN
100,0	85,0	12,0	13,0	90,0	6,0	PSA 1000 0850 120 C0	TPD
100,0	88,0	8,5	9,5	93,0	5,5	PSA 1000 0880 085 C0	PSZ
100,0	90,0	7,0	8,0	94,0	5,0	PSA 1000 0900 070 C0	PHP
100,0	90,0	8,0	9,0	94,0	5,0	PSA 1000 0900 080 C0	KDSA
105,0	90,0	12,0	13,0	95,0	6,0	PSA 1050 0900 120 C0	KDSB
110,0	90,0	12,0	13,0	95,0	7,0	PSA 1100 0900 120 C0	KDSP
110,0	95,0	12,0	13,0	100,0	6,0	PSA 1100 0950 120 C0	KDAE
110,0	100,0	8,0	9,0	105,0	6,0	PSA 1100 1000 080 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	
140,0	120,0	15,0	16,0	125,0	7,0	PSA 1400 1200 150 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.