



PSN wiper is a bi-functional element, acting simultaneously as wiper and sealing.

The special geometry with a vulcanised metal core inside allows and improves the assembly in open grooves.

The housing design with a circlips recess is identical as for **PSN-P** and **PSN-TPE**.

For higher temperatures, choose **PSN-FPM**.

HS24 does NOT deliver the corresponding circlips (according DIN 7993 B) which can easily be found on the market.

Operating conditions

Pressure	≤ 1,6 MPa
Temperature	-30°C to +100°C
Speed	≤ 1 m/s

Materials

Standard ① NBR 75 Sh A + ② carbon steel

Assembly

Sharp edges should be removed from around the housing in order to avoid damaging the seal lips during installation. A lead-in chamfer on the rod will ease installation.

Advantages

The grooved seat circlip holder avoids the ejection of the seal.

The replacement is also very simple during maintenance.

The special profile, combining seal and wiper in a single solution, keeps the cylinder free from external contamination.

In case the seal/wiper set needs to be exchanged during maintenance, this can be accomplished without removing the piston rod if a dismantling recess has been provided for.

Please contact us for applications approaching maximum values.

d	D	h	H	M	A	R	b	G	Reference
10	20	7	9,5	22	8,5	1,1	1,8	4	PSN-1020-7
12	20	6	8,5	22	7,5	1,1	1,8	4	PSN-1220-7
12	22	7	9,5	24	8,5	1,1	1,8	4	PSN-1222-7
14	24	7	9,5	26	8,5	1,1	1,8	4	PSN-1424-7
16	26	7	9,5	28	8,5	1,1	1,8	4	PSN-1626-7
18	26	6	8,5	28	7,5	1,1	1,8	4	PSN-1826-6
18	28	7	9,5	30	8,5	1,1	1,8	4	PSN-1828-7
20	30	7	9,5	32	8,8	1,1	1,8	4	PSN-2030-7
22	32	7	9,5	34,5	8,8	1,4	2	7,5	PSN-2232-7
25	35	7	9,5	37,5	8,8	1,4	2	7,5	PSN-2535-7
30	40	7	9,5	42,5	8,8	1,4	2	7,5	PSN-3040-7
32	42	7	9,5	44,5	8,8	1,4	2	7,5	PSN-3242-7
35	45	7	9,5	47,5	8,8	1,4	2	7,5	PSN-3545-7
40	50	7	9,5	52,5	8,8	1,4	2	7,5	PSN-4050-7
45	55	7	9,5	57,5	8,8	1,4	2,5	10	PSN-4555-7
50	60	7	9,5	62,5	8,8	1,4	2,5	10	PSN-5060-7