

The function of wiper is to remove mechanical and other impurities from the piston rod and thus prevent damage to the guide ring and the seal. The lip of the wiper removes even the finest dirt from the piston rod, and prevents it from penetrating into the cylinder tube, and thus extrusion of moving parts of the assembly.

The wiper is manufactured from elastomer: 90 NBR 10. 1.

The temperature range of applications: -30 °C up to +100 °C.

The wipers can be manufactured from other elastomers, depending on the application, mediums: oils, water, air, emulsions water-oil and oil-water.

1. WIPER Type 0490

MATERIAL:

The wiper type 0490 is manufactured from elastomers designated 90 NBR 10.1 and 95 NBR 12.1.

SIZES AND INSTALLATION DIMENSIONS

Nominal and other relevant dimensions, including the required installation dimensions are given in Table 1.

OPERATING CONDITIONS:

The wiper 0490 can be used in the following media: mineral oils, air, water, emulsions water-oil and oil-water.

The temperature range of applications: -30° C up to + 100° C.

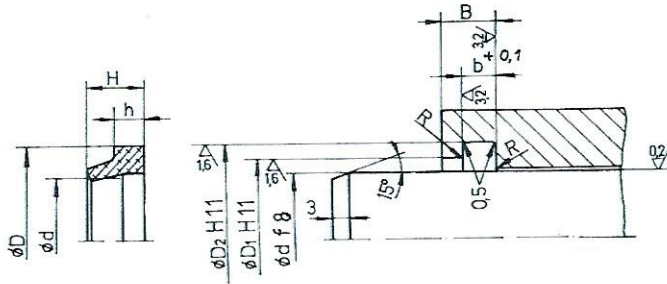


Table 1.

Nominal size	$\varnothing d$	$\varnothing D$	H	h	$\varnothing D_1$	$\varnothing D_2$	b	B	R
12 × 20	12	20	7	5	15	20,6	5,3	7	1
18 × 26	18	26			21	26,6			
20 × 28	20	28			23	28,6			
22 × 30	22	30			25	30,6			
25 × 33	25	33			28	33,6			
28 × 36	28	36			31	36,6			
30 × 38	30	38			33	38,6			
32 × 40	32	40			35	40,6			
36 × 44	36	44			39	44,6			
40 × 48	40	48			43	48,6			
45 × 55	45	55			48	55,5			
50 × 60	50	60			53	60,6			
56 × 66	56	66			59	66,6			
60 × 70	60	70			63	70,6			
63 × 73	63	73	66	73,6					
70 × 80	70	80	73	80,6					
80 × 92	80	92	12	7	86	92,2	7,1	12	1
90 × 102	90	102			96	102,2			
100 × 112	100	112			106	112,2			
110 × 122	110	122			116	122,2			
115 × 127	115	127			121	127,2			
125 × 140	125	140	16	10	132,6	140	10,1	16	1,5
140 × 155	140	155			147,6	155			
160 × 175	160	175			167,6	175			
180 × 200	180	200			190	200			
200 × 220	200	220			210	220			
			18				18	3	