



Recommended housing dimensions

Standard design	Groove roots $\varnothing D_{H9}$	Groove width $E+0.2$	Radius R_{max}	Land width b (min.)	O-Ring Cord thickness $\varnothing D1$
19 - 39.9	$\varnothing d + 7.6$	4.2	0.5	3.0	2.62
40 - 69.9	$\varnothing d + 8.8$	6.3	0.8	3.0	2.62
70 - 139.9	$\varnothing d + 12.2$	8.1	1.5	4.0	3.53
140 - 399.9	$\varnothing d + 16.0$	9.5	1.5	5.0	5.33
400 - 649.9	$\varnothing d + 24.0$	14.0	1.5	8.0	7.00
650 - 999.9	$\varnothing d + 27.3$	16.0	2.0	10.0	8.40

Double acting wiper / Ordering example:

A D D - 8 0 x 9 2 . 2 x 8 . 1 - B R

Double acting wiper for rod diameter of $\varnothing 80$ / PTFE-Bronze / Standard design

A D D - 5 0 x 5 8 . 8 x 6 . 3 - P U

Double acting wiper for rod diameter of $\varnothing 50$ / Polyurethane

All wipers are supplied as standard with an O-ring of NBR, 70 Shore. O-rings of special materials such as Viton must be separately specified!

Material

- PTFE - Bronze BR
- PTFE - Carbon K
- PTFE - Carbon fibre KF
- PTFE - Glass fibre GF

- PU - Polyurethane PU
- PUG - Polyurethane+graphite PG

(Special material; note modified material properties and technical specifications)



Order designation	$\varnothing d_{f8/h9}$	$\varnothing D_{H9}$	E+0.2	$\varnothing D_2_{H11}$	OR
ADD- 20 - 27.6 - 4.2 - BR	20	27.6	4.2	21.5	118
ADD- 22 - 29.6 - 4.2 - BR	22	29.6	4.2	23.5	120
ADD- 25 - 32.6 - 4.2 - BR	25	32.6	4.2	26.5	122
ADD- 28 - 35.6 - 4.2 - BR	28	35.6	4.2	29.5	123
ADD- 30 - 37.6 - 4.2 - BR	30	37.6	4.2	31.5	125
ADD- 32 - 39.6 - 4.2 - BR	32	39.6	4.2	33.5	126
ADD- 35 - 42.6 - 4.2 - BR	35	42.6	4.2	36.5	128
ADD- 36 - 43.6 - 4.2 - BR	36	43.6	4.2	37.5	129
ADD- 38 - 45.6 - 4.2 - BR	38	45.6	4.2	39.5	130
ADD- 40 - 48.8 - 6.3 - BR	40	48.8	6.3	41.5	132
ADD- 42 - 50.8 - 6.3 - BR	42	50.8	6.3	43.5	133
ADD- 45 - 53.8 - 6.3 - BR	45	53.8	6.3	46.5	135
ADD- 48 - 56.8 - 6.3 - BR	48	56.8	6.3	49.5	137
ADD- 50 - 58.8 - 6.3 - BR	50	58.8	6.3	51.5	138
ADD- 52 - 60.8 - 6.3 - BR	52	60.8	6.3	53.5	139
ADD- 54 - 62.8 - 6.3 - BR	54	62.8	6.3	55.5	141
ADD- 55 - 63.8 - 6.3 - BR	55	63.8	6.3	56.5	141
ADD- 56 - 64.8 - 6.3 - BR	56	64.8	6.3	57.5	142
ADD- 57 - 65.8 - 6.3 - BR	58	65.8	6.3	58.5	142
ADD- 60 - 68.8 - 6.3 - BR	60	68.8	6.3	61.5	144
ADD- 63 - 71.8 - 6.3 - BR	63	71.8	6.3	64.5	146
ADD- 65 - 73.8 - 6.3 - BR	65	73.8	6.3	66.5	147
ADD- 70 - 82.2 - 8.1 - BR	70	82.2	8.1	72.0	234
ADD- 75 - 87.2 - 8.1 - BR	75	87.2	8.1	77.0	235
ADD- 80 - 92.2 - 8.1 - BR	80	92.2	8.1	82.0	237
ADD- 85 - 97.2 - 8.1 - BR	85	97.2	8.1	87.0	239
ADD- 90 - 102.2 - 8.1 - BR	90	102.2	8.1	92.0	240
ADD- 95 - 107.2 - 8.1 - BR	95	107.2	8.1	97.0	242
ADD- 100 - 112.2 - 8.1 - BR	100	112.2	8.1	102.0	243
ADD- 105 - 117.2 - 8.1 - BR	105	117.2	8.1	107.0	245
ADD- 110 - 122.2 - 8.1 - BR	110	122.2	8.1	112.0	246
ADD- 115 - 127.2 - 8.1 - BR	115	127.2	8.1	117.0	248

Special dimensions and intermediate size are also available.



Order designation	$\varnothing d_{f8/h9}$	$\varnothing D_{H9}$	E+0.2	$\varnothing D_2_{H11}$	OR
ADD- 120 -132.2- 8.1 - BR	120	132.2	8.1	122.0	249
ADD- 125 -137.2- 8.1 - BR	125	137.2	8.1	127.0	251
ADD- 130 -142.2- 8.1 - BR	130	142.2	8.1	132.0	253
ADD- 135 -147.2- 8.1 - BR	135	147.2	8.1	137.0	254
ADD- 140 -156.0- 9.5 - BR	140	156.0	9.5	142.5	359
ADD- 150 -166.0- 9.5 - BR	150	166.0	9.5	152.5	361
ADD- 160 -176.0- 9.5 - BR	160	176.0	9.5	162.5	363
ADD- 170 -186.0- 9.5 - BR	170	186.0	9.5	172.5	365
ADD- 180 -196.0- 9.5 - BR	180	196.0	9.5	182.5	366
ADD- 190 -206.0- 9.5 - BR	190	206.0	9.5	192.5	368
ADD- 200 -216.0- 9.5 - BR	200	216.0	9.5	202.5	369
ADD- 205 -221.0- 9.5 - BR	205	221.0	9.5	207.5	370
ADD- 210 -226.0- 9.5 - BR	210	226.0	9.5	212.5	371
ADD- 220 -236.0- 9.5 - BR	220	236.0	9.5	222.5	373
ADD- 230 -246.0- 9.5 - BR	230	246.0	9.5	232.5	374
ADD- 235 -251.0- 9.5 - BR	235	251.0	9.5	237.5	375
ADD- 240 -256.0- 9.5 - BR	240	256.0	9.5	242.5	376
ADD- 250 -266.0- 9.5 - BR	250	266.0	9.5	252.5	377
ADD- 260 -276.0- 9.5 - BR	260	276.0	9.5	262.5	378
ADD- 270 -286.0- 9.5 - BR	270	286.0	9.5	272.5	379
ADD- 280 -296.0- 9.5 - BR	280	296.0	9.5	282.5	379
ADD- 290 -296.0- 9.5 - BR	290	306.0	9.5	292.5	380
ADD- 300 -316.0- 9.5 - BR	300	316.0	9.5	302.5	381
ADD- 310 -326.0- 9.5 - BR	310	326.0	9.5	312.5	381
ADD- 320 -336.0- 9.5 - BR	320	336.0	9.5	322.5	382
ADD- 350 -366.0- 9.5 - BR	350	366.0	9.5	352.5	383
ADD- 360 -376.0- 9.5 - BR	360	376.0	9.5	362.5	383
ADD- 370 -386.0- 9.5 - BR	370	386.0	9.5	372.5	384
ADD- 400 -424.0- 14 - BR	400	424.0	14.0	402.5	461
ADD- 440 -464.0- 14 - BR	440	464.0	14.0	442.5	464
ADD- 500 -524.0- 14 - BR	500	524.0	14.0	502.5	469
ADD- 550 -574.0- 14 - BR	550	574.0	14.0	552.5	471

Special dimensions and intermediate size are also available.