



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 $\varnothing D1$
8 - 11.9	$\varnothing d + 4.8$	3.7	0.2	2.0	1.78
12 - 64.9	$\varnothing d + 6.8$	5.0	0.4	2.0	2.62
65 - 250.9	$\varnothing d + 8.8$	6.0	0.8	3.0	3.53
251 - 420.9	$\varnothing d + 12.2$	8.4	1.0	4.0	5.33
421 - 650.9	$\varnothing d + 16.0$	11.0	1.0	5.0	7.00

Double acting wiper / Ordering example:

A D - 80 x 88.8 x 6.0 - B R

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

A D - 50 x 56.8 x 5.0 - P G

Double acting wiper for rod diameter of $\varnothing 50$ / Polyurethan+graphite

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
AD - 10 - 14.8 - 3.7 - BR	10	14.8	3.7	11.5	013
AD - 20 - 26.8 - 5.0 - BR	20	26.8	5.0	21.5	118
AD - 22 - 28.8 - 5.0 - BR	22	28.8	5.0	23.5	119
AD - 25 - 31.8 - 5.0 - BR	25	31.8	5.0	26.5	121
AD - 28 - 34.8 - 5.0 - BR	28	34.8	5.0	29.5	123
AD - 30 - 36.8 - 5.0 - BR	30	36.8	5.0	31.5	124
AD - 32 - 38.8 - 5.0 - BR	32	38.8	5.0	33.5	126
AD - 35 - 41.8 - 5.0 - BR	35	41.8	5.0	36.5	127
AD - 36 - 42.8 - 5.0 - BR	36	42.8	5.0	37.5	129
AD - 38 - 44.8 - 5.0 - BR	38	44.8	5.0	39.5	130
AD - 40 - 46.8 - 5.0 - BR	40	46.8	5.0	41.5	131
AD - 42 - 48.8 - 5.0 - BR	42	48.8	5.0	43.5	132
AD - 45 - 51.8 - 5.0 - BR	45	51.8	5.0	46.5	134
AD - 48 - 54.8 - 5.0 - BR	48	54.8	5.0	49.5	136
AD - 50 - 56.8 - 5.0 - BR	50	56.8	5.0	51.5	137
AD - 52 - 58.8 - 5.0 - BR	52	58.8	5.0	53.5	138
AD - 55 - 61.8 - 5.0 - BR	55	61.8	5.0	56.5	140
AD - 56 - 62.8 - 5.0 - BR	56	62.8	5.0	57.5	142
AD - 60 - 66.8 - 5.0 - BR	60	66.8	5.0	61.5	143
AD - 63 - 69.8 - 5.0 - BR	63	69.8	5.0	64.5	145
AD - 65 - 73.8 - 6.0 - BR	65	73.8	6.0	66.5	231
AD - 70 - 78.8 - 6.0 - BR	70	78.8	6.0	71.5	233
AD - 75 - 83.8 - 6.0 - BR	75	83.8	6.0	76.5	235
AD - 80 - 88.8 - 6.0 - BR	80	88.8	6.0	81.5	235
AD - 85 - 93.8 - 6.0 - BR	85	93.8	6.0	86.5	238
AD - 90 - 98.8 - 6.0 - BR	90	98.8	6.0	91.5	239
AD - 95 - 103.8 - 6.0 - BR	95	103.8	6.0	96.5	241
AD - 100 - 108.8 - 6.0 - BR	100	108.8	6.0	101.5	243
AD - 105 - 113.8 - 6.0 - BR	105	113.8	6.0	106.5	243
AD - 110 - 118.8 - 6.0 - BR	110	118.8	6.0	111.5	246

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
AD - 115 - 123.8 - 6.0 - BR	115	123.8	6.0	116.5	247
AD - 120 - 128.8 - 6.0 - BR	120	128.8	6.0	121.5	249
AD - 125 - 133.8 - 6.0 - BR	125	133.8	6.0	126.5	251
AD - 130 - 138.8 - 6.0 - BR	130	138.8	6.0	131.5	252
AD - 135 - 143.8 - 6.0 - BR	135	143.8	6.0	136.5	253
AD - 140 - 148.8 - 6.0 - BR	140	148.8	6.0	141.5	255
AD - 150 - 158.8 - 6.0 - BR	150	158.8	6.0	151.5	258
AD - 155 - 163.8 - 6.0 - BR	155	163.8	6.0	156.5	259
AD - 160 - 168.8 - 6.0 - BR	160	168.8	6.0	161.5	260
AD - 170 - 178.8 - 6.0 - BR	170	178.8	6.0	171.5	261
AD - 175 - 183.8 - 6.0 - BR	175	183.8	6.0	176.5	262
AD - 180 - 188.8 - 6.0 - BR	180	188.8	6.0	181.5	263
AD - 190 - 198.8 - 6.0 - BR	190	198.8	6.0	191.5	264
AD - 200 - 208.8 - 6.0 - BR	200	208.8	6.0	201.5	266
AD - 210 - 218.8 - 6.0 - BR	210	218.8	6.0	211.5	267
AD - 220 - 228.8 - 6.0 - BR	220	228.8	6.0	221.5	269
AD - 230 - 238.8 - 6.0 - BR	230	238.8	6.0	231.5	271
AD - 240 - 248.8 - 6.0 - BR	240	248.8	6.0	241.5	272
AD - 250 - 258.8 - 6.0 - BR	250	258.8	6.0	251.5	274
AD - 260 - 272.2 - 8.4 - BR	260	272.2	8.4	262.0	378
AD - 270 - 282.2 - 8.4 - BR	270	282.2	8.4	272.0	378
AD - 280 - 292.2 - 8.4 - BR	280	292.2	8.4	282.0	379
AD - 290 - 302.2 - 8.4 - BR	290	302.2	8.4	292.0	380
AD - 300 - 312.2 - 8.4 - BR	300	312.2	8.4	302.0	381
AD - 310 - 322.2 - 8.4 - BR	310	322.2	8.4	312.0	381
AD - 320 - 332.2 - 8.4 - BR	320	332.2	8.4	322.0	382
AD - 330 - 342.2 - 8.4 - BR	330	342.2	8.4	332.0	382
AD - 340 - 352.2 - 8.4 - BR	340	352.2	8.4	342.0	382
AD - 350 - 362.2 - 8.4 - BR	350	362.2	8.4	352.0	383

Special dimensions and intermediate size are also available.