

**ASU** wiper in nitrile elastomer has two different functions. It prevents introduction of dust, dirt and foreign matter into the system and on the medium side retains the residual oil film from the extending piston rod.

On the static surface, the sealing is achieved by contact of the flexible outside lip with the housing. The dynamic lip is shorter and stronger to concentrate load against the dynamic surface.

The scraper is preferably used in conjunction with seals with a hydrodynamic **back-pumping function**.

For assembly B (see picture) a drainage channel must be opened in this area.

**Operating conditions**

Temperature -30°C to 100°C  
Speed ≤ 0,8 m/s

**Materials**

Elastomer NBR 90 Sh A

**Assembly**

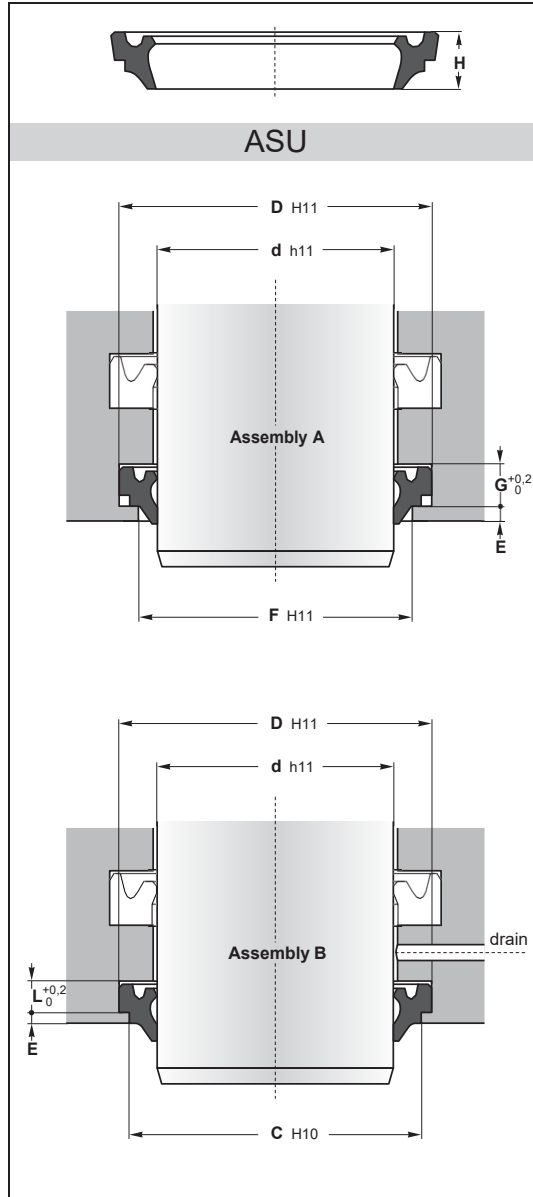
The wipers may easily be mounted into the grooved housing

**Advantages**

- Good protection of the housing against external intrusion
- Reduced oil film leakage
- Easy to assemble
- Small housing
- Simple groove construction

**Please contact us for applications approaching maximum values.**

d	D	L	C	F	G	E	H	Reference
10	18	4	16	13,5	6	2	8	ASU-10
12	20	4	18	15,5	6	2	8	ASU-12
14	22	4	20	17,5	6	2	8	ASU-14
15	23	4	21	18,5	6	2	8	ASU-15
16	24	4	22	19,5	6	2	8	ASU-16
18	26	4	24	21,5	6	2	8	ASU-18
20	28	4	26	23,5	6	2	8	ASU-20
22	30	4	28	25,5	6	2	8	ASU-22
24	32	4	30	27,5	6	2	8	ASU-24
25	33	4	31	28,5	6	2	8	ASU-25
28	36	4	34	31,5	6	2	8	ASU-28
30	38	4	36	33,5	6	2	8	ASU-30
32	40	4	38	35,5	6	2	8	ASU-32
35	43	4	41	38,5	6	2	8	ASU-35
36	44	4	42	39,5	6	2	8	ASU-36
37	45	4	43	40,5	6	2	8	ASU-37
38	46	4	44	41,5	6	2	8	ASU-38
40	48	4	46	43,5	6	2	8	ASU-40
42	50	4	48	45,5	6	2	8	ASU-42
43	51	4	49	46,5	6	2	8	ASU-43
45	53	4	51	48,5	6	2	8	ASU-45
46	54	4	52	49,5	6	2	8	ASU-46
48	56	4	54	51,5	6	2	8	ASU-48
50	58	4	56	53,5	6	2	8	ASU-50
52	60	4	58	55,5	6	2	8	ASU-52
55	63	4	61	58,5	6	2	8	ASU-55
56	64	4	62	59,5	6	2	8	ASU-56
58	66	4	64	61,5	6	2	8	ASU-58
60	68	4	66	63,5	6	2	8	ASU-60
63	71	4	69	66,5	6	2	8	ASU-63
65	73	4	71	68,5	6	2	8	ASU-65
70	78	4	76	73,5	6	2	8	ASU-70
75	83	4	81	78,5	6	2	8	ASU-75
77	85	4	83	80,5	6	2	8	ASU-77
80	88	4	86	83,5	6	2	8	ASU-80
85	93	4	91	88,5	6	2	8	ASU-85
90	98	4	96	93,5	6	2	8	ASU-90
92	100	4	98	95,5	6	2	8	ASU-92
95	103	4	101	98,5	6	2	8	ASU-95
100	108	4	106	103,5	6	2	8	ASU-100
105	117	5,5	114	110	8,2	3	11	ASU-105
110	122	5,5	119	115	8,2	3	11	ASU-110



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115	127	5,5	124	120	8,2	3	11	ASU-115
120	128	4	126	123,5	6	2	8	ASU-120-1
120	132	5,5	129	125	8,2	3	11	ASU-120
125	137	5,5	134	130	8,2	3	11	ASU-125
130	142	5,5	139	135	8,2	3	11	ASU-130
135	147	5,5	144	140	8,2	3	11	ASU-135
140	152	5,5	149	145	8,2	3	11	ASU-140
145	157	5,5	154	150	8,2	3	11	ASU-145
150	162	5,5	159	155	8,2	3	11	ASU-150
155	167	5,5	164	160	8,2	3	11	ASU-155
160	172	5,5	169	165	8,2	3	11	ASU-160
170	182	5,5	179	175	8,2	3	11	ASU-170
180	192	5,5	189	185	8,2	3	11	ASU-180
190	202	5,5	199	195	8,2	3	11	ASU-190
200	212	5,5	209	205	8,2	3	11	ASU-200
210	225	6,5	221	217	9,5	3	13	ASU-210
220	235	6,5	231	227	9,5	3	13	ASU-220
230	245	6,5	241	237	9,5	3	13	ASU-230
240	255	6,5	251	247	9,5	3	13	ASU-240
250	265	6,5	261	257	9,5	3	13	ASU-250
260	275	6,5	271	267	9,5	3	13	ASU-260
280	295	6,5	291	287	9,5	3	13	ASU-280
290	305	6,5	301	297	9,5	3	13	ASU-290
300	315	6,5	311	307	9,5	3	13	ASU-300
310	325	6,5	321	317	9,5	3	13	ASU-310
320	335	6,5	331	327	9,5	3	13	ASU-320
340	355	6,5	351	347	9,5	3	13	ASU-340
350	365	6,5	361	357	9,5	3	13	ASU-350
360	375	6,5	371	367	9,5	3	13	ASU-360
380	395	6,5	391	387	9,5	3	13	ASU-380
400	415	6,5	411	407	9,5	3	13	ASU-400
500	515	6,5	511	507	9,5	3	13	ASU-500