

Design

The AB Seals WSD is textured with nitrile rubber wiping lip. Capable of operating in dirty conditions, the portion of the nitrile rubber allows to follow the side movement of the rod and to clear away heavily deposited dirt. Suitable for light, medium and heavy duty applications, the wiper has been designed to provide ease of installation and offers excellent durability in service.



For information about other material options available, please contact your local AB Seals office.

OPERATING RANGE

Technical details	Metric	Inch
Maximum speed	1.0m/sec	3.0ft/sec
Temperature Range	-40 to 110	-40 to 230F
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Polyurethane-PUA/PUB/PUAB/PU95
- Nitrile Rubber - NBR80
- Fluorocarbon Rubber - VKM85

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Injection cylinder
- Hydraulic presses
- Lift platforms

Maximum Extrusions Gap

Surface Roughness

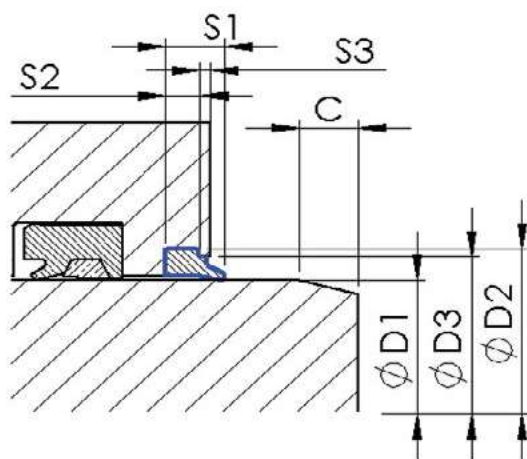
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

Chamfers & Radii

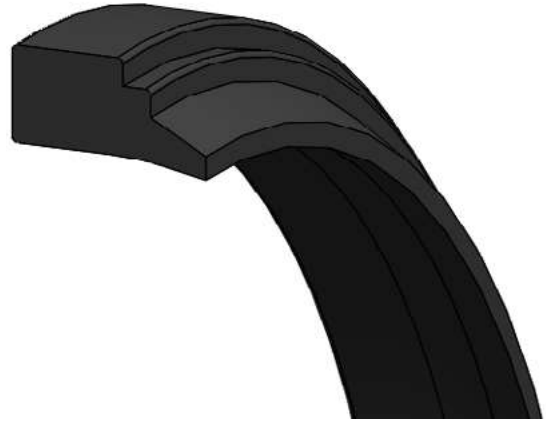
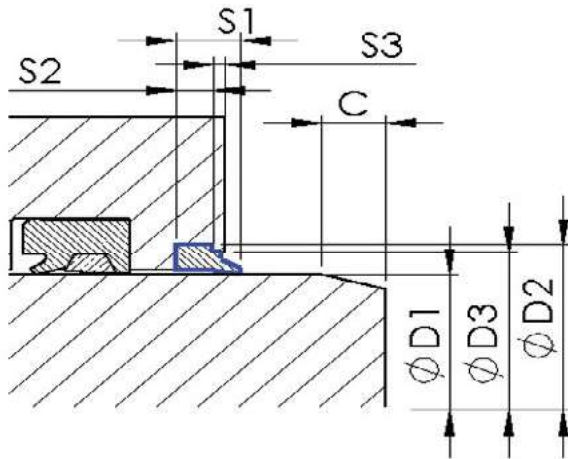
Chamfer 4 - 10 mm
Radii 0.4 - 0.8 mm

Ordering Code:

- Example For Temperature -40 to 110, And PISTON ROD DIA 50mm WSD50587/5
- For Temperature -40 to 200, And PISTON ROD DIA 50mm WSDV50587/5
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	ØD3	S2	S3	S1	PART NO.
10	18	16	4	1	7	WSD10187/5
12	20	18	4	1	7	WSD12207/5
14	22	20	4	1	7	WSD14227/5
15	23	21	4	1	7	WSD15237/5
16	24	22	4	1	7	WSD16247/5
18	26	24	4	1	7	WSD18267/5
20	28	26	4	1	7	WSD20287/5
22	30	28	4	1	7	WSD22307/5
25	33	31	4	1	7	WSD25337/5
28	36	34	4	1	7	WSD28367/5
30	38	36	4	1	7	WSD30387/5
32	40	38	4	1	7	WSD32407/5
33	41	39	4	1	7	WSD33417/5
35	43	41	4	1	7	WSD35437/5
36	44	42	4	1	7	WSD36447/5
38	46	44	4	1	7	WSD38467/5
40	48	46	4	1	7	WSD40487/5
42	50	48	4	1	7	WSD42507/5
45	53	51	4	1	7	WSD45537/5
50	58	56	4	1	7	WSD50587/5
55	63	61	4	1	7	WSD55637/5
56	64	62	4	1	7	WSD56647/5
60	68	66	4	1	7	WSD60687/5
62	70	68	4	1	7	WSD62707/5
63	71	69	4	1	7	WSD63717/5
65	73	71	4	1	7	WSD65737/5
70	78	76	4	1	7	WSD70787/5



ØD1	ØD2	ØD3	S2	S3	S1	PART NO.
72	80	78	4	1	7	WSD72807/5
75	83	81	4	1	7	WSD75837/5
80	88	86	4	1	7	WSD80887/5
82	90	88	4	1	7	WSD82907/5
85	93	91	4	1	7	WSD85937/5
90	98	96	4	1	7	WSD90987/5
95	103	101	4	1	7	WSD951037/5
100	108	106	4	1	7	WSD1001087/5
110	122	119	5.5	1.5	10	WSD11012210/7
115	127	124	5.5	1.5	10	WSD11512710/7
120	132	129	5.5	1.5	10	WSD12013210/7
125	137	134	5.5	1.5	10	WSD12513710/7
130	142	139	5.5	1.5	10	WSD13014210/7
135	147	144	5.5	1.5	10	WSD13514710/7
140	150	146	5.5	1.5	10	WSD14015010/7
140	152	149	5.5	1.5	10	WSD14015210/7
150	162	159	5.5	1.5	10	WSD15016210/7
160	172	169	5.5	1.5	10	WSD16017210/7
170	182	179	5.5	1.5	10	WSD17018210/7
180	192	189	5.5	1.5	10	WSD18019210/7
190	202	199	5.5	1.5	10	WSD19020210/7
200	212	209	5.5	1.5	10	WSD20021210/7