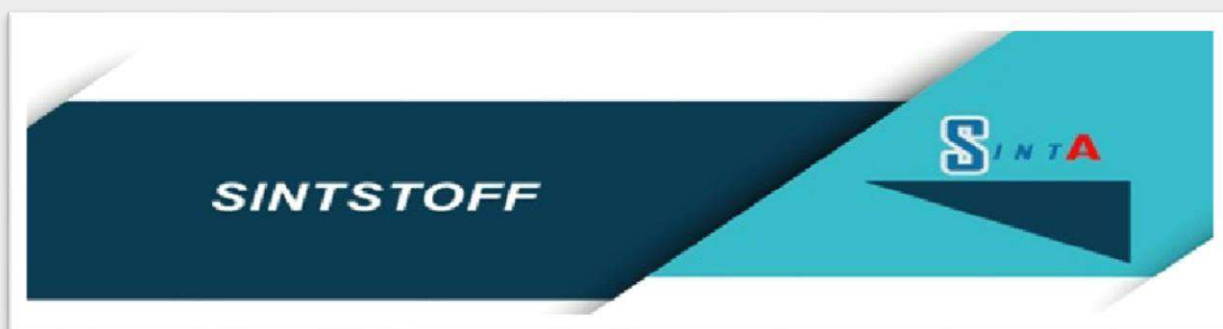


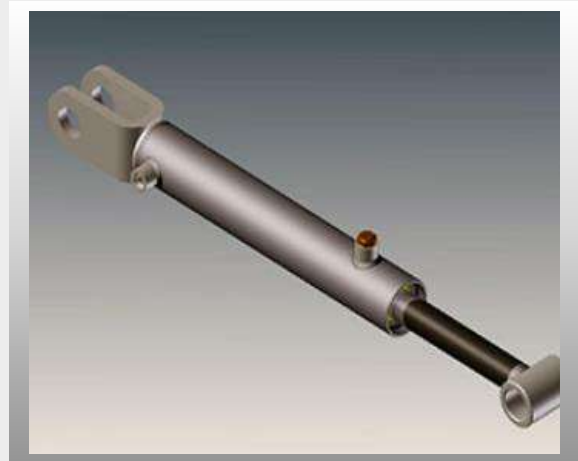


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About *SINTSTOFF WERKE SA*



Sintstoff Werke started manufacturing and marketing of hydraulic seals since 1982, and has been providing high quality sealing solutions to our business partners, OEM's, aftermarket users and seal assemblers. We have been able to leverage our expertise in designing, state of the art manufacturing facilities in Kolkata India, superior quality assurance and after sales support to meet the critical and bulk need of our clients globally. Our seals are successfully running in different hydraulic applications. We have been continuously evolving and adding range of profiles and sizes to cater to the need of the clients.

INDUSTRY TYPE CLIENTS.

- General Industry
- Material Handling
- Construction and Mining
- Steel & Allied
- Transportation & Logistics
- Agriculture and Farming
- Injection Moulding
- Machine Tools

MISSION STATEMENT

- **Mission:** To become a leading brand name in fluid sealing technology.
- **Vision:** To understand and provide logical solutions to customer's need.
- **Values:** Quality and service are topmost priorities.



HYDRAULIC SEAL

ROD SEAL



U-CUP ROD SEAL



DOUBLE LIP U-CUP WITH X/O RING AND ANTI-EXTRUSION RING.



STEP SEAL/BUFFER SEAL

PISTON SEAL



SINGLE LIP U-CUP PISTON SEAL



DOUBLE LIP U-CUP PISTON SEAL



PISTON GLYD RING

WIPERS



SINGLE LIP METAL CLADDED WIPER



SINGLE LIP METAL CLADDE WIPER



DOUBLE LIP METAL CLADDE WIPER

- ◆ BACK UP RINGS
- ◆ ORING
- ◆ PTFE ENCAPSULATED
- ◆ SEAL KITS
- ◆ O RING BOX KIT
- ◆ OIL SEAL



BUT CUT



ANGLE CUT



STEP CUT



MATERIAL

MATERIAL	COMPRESSIVE STRENGTH	DENSITY	TENSILE STRENGTH	ELONGATION	ABRASION	DEFORMATION UNDER LOAD	WATER ABSORPTION	TEMPERATURE RANGE	HARDNESS	
UNITS	psi	g/cm ³	psi	%	mm ²	%	%	⁰ C	SHORE- D	SHORE- A
POLYAMIDE (PA)	20000	1.14	18000	-	-	0.5	0.5	(-) 20 - 120	90	-
FABRIC REINFORCED RESIN (FRPR)	30000	-	8800	-	-	5	0.1	(-) 40 - 120	90	-
POLYOXYMETHYLENE (POM)	9000	1.40	10000	27	-	-	-	(-) 45 - 100	95	-
POLYURETHANE (PU)	20000	1.01	5600	475	<20	-	-	(-) 40 - 80	-	70
NITRILE (NBR) 70/90	-	0.98	3000	380	-	-	-	(-) 35 - 100	-	70/90
VITON (FKM)	-	1.88	1300	200	-	-	-	(-) 45 - 204	-	75
PTFE VIRGIN	2100	2.15	4500	293	-	-	-	(-) 125 - 260	63	-
PTFE CARBON FILLED	1500	2.16	23000	143	-	-	-	(-) 125 - 260	63	-
PTFE BRONZE FILLED	1400	3.18	34000	305	-	-	-	(-) 125 - 260	63	-
NB- Mean values have been provide for the physical properties										



FLUID COMPATIBILITY CHART

		FLUID TYPE			
Material	Performance temperature °c	Hydraulic oil	Mineral oil	Silicon based grease	Water based fluid
		+100 -35	+100 -35	+250 -35	+60 0
		Maximum temperature of fluids °c			
NBR 70	+95 -35	+100	+100	+100	+80
NBR 90	+95 -35	+100	+100	+100	+80
FKM 70 (VITON)	+200 -25	+100	+100	+190	+100
FKM 90 (VITON)	+200 -25	+100	+100	+190	+100
EPDM 70/80	+115 -50	NC	NC	+120	+110
PU	+100 -35	+100	+100	+100	+65
POLYESTER RESIN	+100 -50	+100	+100	+100	+80
PA POLYAMIDE	+100 -40	+100	+100	+100	+60
POM ACETAL	+100 -40	+100	+100	+100	+85
PTFE	+210 -200	+100	+100	+200	+160
NB	NC denotes non compatible, this data is the average value derived basis our internal quality control team .				



SPECIFIC TOLERANCE TABLE

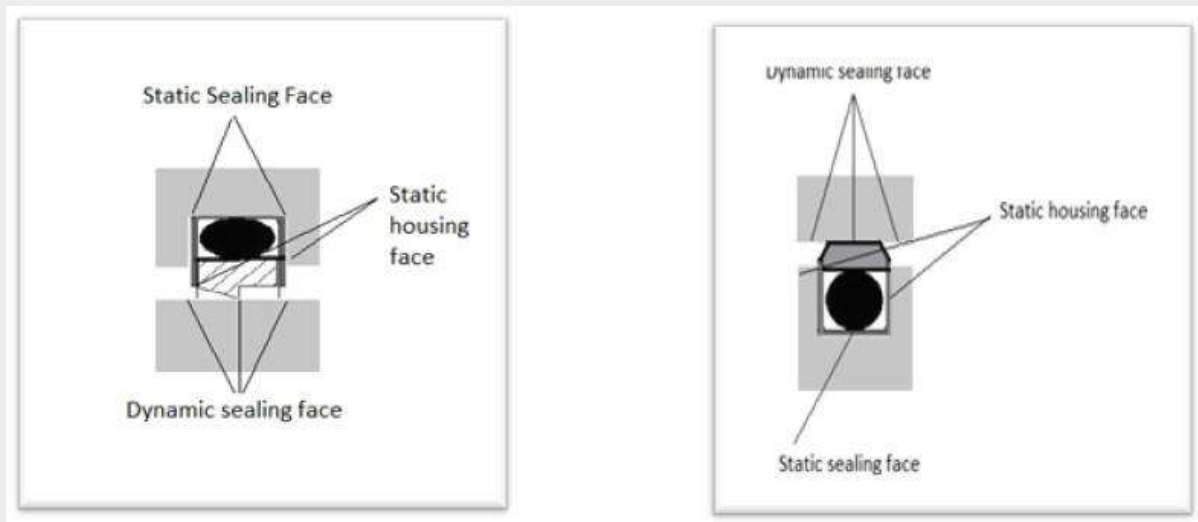
SPECIFIED TOLERANCE TABLE				UNIT μm
REFERENCE DIMENSION mm		CYLINDER HOUSING ROD, PISTON, BORE AND GLAND TOLERANCES		
Over	To	H9	H7	f7
-	3	+25	+10	-6
		0	0	-16
3	6	+30	+12	-10
		0	0	-22
6	10	+36	+15	-13
		0	0	-28
10	14	+43	+18	-16
14	18	0	0	-34
18	24	+52	+21	-20
24	30	0	0	-41
30	40	+62	+25	-25
40	50	0	0	-50
50	65	+74	+30	-30
65	80	0	0	-60
80	100	+87	+35	-36
100	120	0	0	-71
120	140	+100	+40	-43
140	160	0	0	-83
160	180			
180	200	+115	+46	-50
200	225	0	0	-96
225	250			
250	280	+130	+52	-56
280	315	0	0	-108
315	355	+140	+57	-62
355	400	0	0	-119
400	450	+155	+63	-68
450	500	0	0	-131



SURFACE FINISH

Proper surface finish is very important to assure satisfactory seal performance and its life. If the dynamic surface is too coarse, the seal may fail, on the other hand if it is too smooth proper lubrication cannot be retained causing excessive seal wear originating from frictional heat. Similarly, the surface of the static sealing and housing play an important role on the operation and service of seal life. Thus, it is always advisable to ensure proper surface finish in order to obtain maximum seal life and best performance.

SEALING FACE PROFILES



SURFACE FINISH RECOMMENDATIONS

SURFACE FINISH RECOMMENDATIONS									
SURFACE ROUGHNESS	MATERIAL	METRIC			MATERIAL	METRIC			Rmr
		μmRa	μmRz	μmRt		μmRa	μmRz	μmRt	
Dynamic Sealing Face $\varnothing d$	PTFE	0.05-.2	1.6 Max	2 Max	PU/RESIN/RUBBER	0.1-0.4	1.6 Max	4 Max	50-80%
Static Sealing Face $\varnothing D$	PTFE	1.6 Max	6.3 Max	10 Max	PU/RESIN/RUBBER	1.6 Max	6.3 Max	10 Max	
Static Housing Face L	PTFE	3.2 Max	10 Max	16 Max	PU/RESIN/RUBBER	3.2 Max	10 Max	16 Max	



STORAGE CONDITIONS

Seals, specially made of elastomers, may lose their properties and become unusable. There is possibility of softening, hardening, cracking or other degradation due to storage conditions. The following recommendations are to be followed for proper storage of seals.

Light- Proper protection should be taken to prevent direct sunlight and strong lights of other nature.

Temperature- Temperature shouldn't exceed 125 degree F while storing

Humidity- Required humidity should be between 60-70%

Distortion- Rubber items should be stored in a relaxed condition free from tension or compression in order to keep it strain free and to avoid deformation

Metal contacts- Metal contacts can create harmful effect on the elastomers. As such, a proper layer of packaging material should be used in order to keep the seals separated from metal contacts. Contact with other rubbers and chemicals should be avoided.

Storage Life- Stock rotation should be followed regularly in order to reduce the storage period.

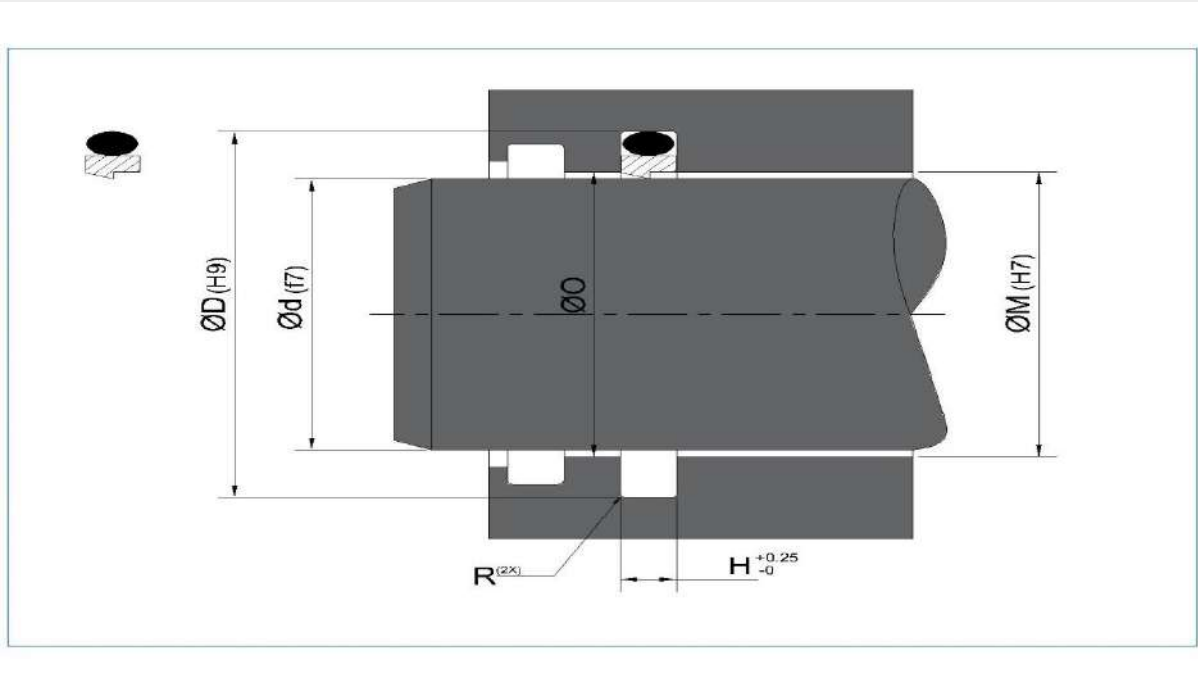
The following storage time is recommended.

Base Polymer and Elastomer	Optimum storage time (Yrs)
NITRILE(NBR)	5
FKM (VITON)	5
EPDM	7
PTFE	UNLIMITED
POM(ACETAL)	UNLIMITED
PA(POLYAMIDE)	UNLIMITED
FABRIC REINFORCED POLYESTER RAISIN	UNLIMITED



ROD SEAL

ROD SEAL (STEP SEAL) -- [SW/SS-701](#)



Step seal consists of 1 seal ring and 1 energiser O- ring for sealing rod.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
10000 PSI	Filled PTFE	Protects rod seals from pressure spikes	Material handling
TEMPERATURE RANGE		Lower friction	Mobile Hydraulics
(50)-+250° F	O'Ring	Vents back pressure	Medium duty cycle
VELOCITY	Nitrile	Longer life	All application requires secondary sealing.
3.2 Feet/Sec	Viton		
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



SINTA STANDARD DIMENSIONS

SL NO	Ød (f7)	ØD (H9)	H +0.25	Material Code
1	10.00	17.30	3.20	SW/SS/701/-10X3.2
2	12.00	16.90	2.20	SW/SS/701/-12X2.2
3	12.00	19.30	3.20	SW/SS/701/-12X3.2
4	15.00	22.30	3.20	SW/SS/701/-15X3.2
5	16.00	23.30	3.20	SW/SS/701/-16X3.2
6	16.00	20.90	2.20	SW/SS/701/-16X2.2
7	18.00	22.90	2.20	SW/SS/701/-18X2.2
8	18.00	25.30	3.20	SW/SS/701/-18X3.2
9	20.00	27.20	3.20	SW/SS/701/-20X3.2
10	20.00	30.70	4.20	SW/SS/701/-20X4.2
11	20.00	35.10	6.30	SW/SS/701/-20X6.3
12	22.00	29.20	3.20	SW/SS/701/-22X3.2
13	22.00	32.70	4.20	SW/SS/701/-22X4.2
14	22.00	35.70	4.20	SW/SS/701/-22X4.2
15	25.00	32.20	3.20	SW/SS/701/-25X3.2
16	25.00	35.70	4.20	SW/SS/701/-25X4.
17	26.00	36.70	4.20	SW/SS/701/-26X4.2
18	28.00	35.30	3.20	SW/SS/701/-28X3.2
19	28.00	38.70	4.20	SW/SS/701/-28X4.2
20	30.00	37.30	3.20	SW/SS/701/-30X3.2
21	30.00	40.70	4.20	SW/SS/701/-30X4.2
22	32.00	39.30	3.20	SW/SS/701/-32X3.2
23	32.00	42.70	4.20	SW/SS/701/-32X4.2
24	35.00	42.30	3.20	SW/SS/701/-35X3.2
25	35.00	45.70	4.20	SW/SS/701/-35X4.2
26	35.00	50.10	6.30	SW/SS/701/-35X6.3
27	36.00	43.30	3.20	SW/SS/701/-36X3.2
28	36.00	46.70	4.20	SW/SS/701/-36X4.2
29	37.00	47.70	4.20	SW/SS/701/-37X4.2
30	38.00	49.70	4.20	SW/SS/701/-38X4.2
31	38.00	53.20	6.30	SW/SS/701/-38X6.3
32	40.00	50.70	4.20	SW/SS/701/-40X4.2
33	40.00	55.10	6.30	SW/SS/701/-40X6.3
34	42.00	52.70	4.20	SW/SS/701/-42X4.2
35	42.00	57.20	6.30	SW/SS/701/-42X6.3
36	45.00	55.70	4.20	SW/SS/701/-45X4.2
37	45.00	60.10	6.30	SW/SS/701/-45X6.3
38	48.00	63.10	6.30	SW/SS/701/-48X6.3
39	50.00	60.70	4.20	SW/SS/701/-50X4.2
40	50.00	65.10	6.30	SW/SS/701/-50X6.3
41	52.00	67.10	6.30	SW/SS/701/-52X6.3
42	55.00	65.70	4.20	SW/SS/701/-55X4.2
43	55.00	70.10	6.30	SW/SS/701/-55X6.3
44	56.00	66.70	4.20	SW/SS/701/-56X4.2



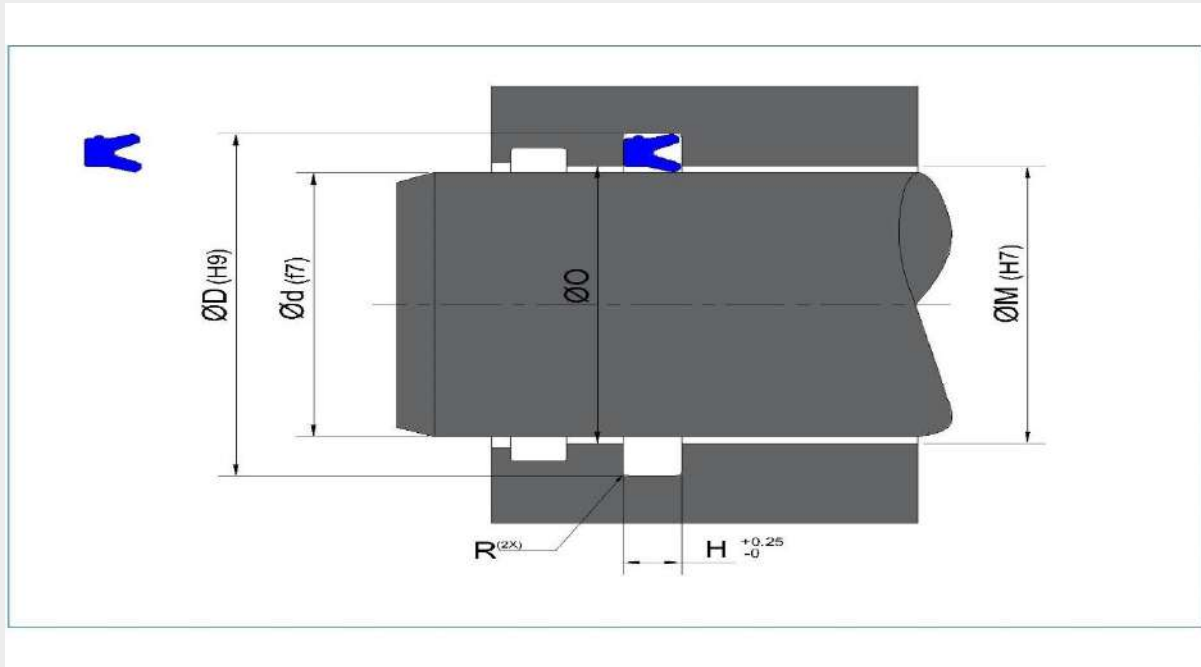
45	56.00	71.20	6.30	SW/SS/701/-56X6.3
46	60.00	70.70	4.20	SW/SS/701/-60X4.2
47	60.00	75.10	6.30	SW/SS/701/-60X6.3
48	63.00	73.70	4.20	SW/SS/701/-63X4.2
49	63.00	78.10	6.30	SW/SS/701/-63X6.3
50	65.00	75.70	4.20	SW/SS/701/-65X4.2
51	65.00	80.10	6.30	SW/SS/701/-65X6.3
52	70.00	80.10	4.20	SW/SS/701/-70X4.2
53	70.00	85.10	6.30	SW/SS/701/-70X6.3
54	75.00	85.70	4.20	SW/SS/701/-75X4.2
55	75.00	90.10	6.30	SW/SS/701/-75X6.3
56	78.00	93.10	6.30	SW/SS/701/-78X6.3
57	80.00	90.70	4.20	SW/SS/701/-80X4.2
58	80.00	95.10	6.30	SW/SS/701/-80X6.3
59	80.00	100.50	8.10	SW/SS/701/-80X8.1
60	85.00	95.70	4.20	SW/SS/701/-85X4.2
61	85.00	100.10	6.30	SW/SS/701/-85X6.3
62	88.00	103.10	6.30	SW/SS/701/-88X6.3
63	90.00	100.70	4.20	SW/SS/701/-90X4.2
64	90.00	105.10	6.30	SW/SS/701/-90X6.3
65	90.00	110.50	8.10	SW/SS/701/-90X8.1
66	95.00	110.20	6.30	SW/SS/701/-95X6.3
67	98.00	13.10	6.30	SW/SS/701/-98X6.3
68	100.00	115.10	6.30	SW/SS/701/-100X6.3
69	100.00	120.10	8.10	SW/SS/701/-100X8.1
70	100.00	115.70	4.20	SW/SS/701/-100X4.2
71	105.00	120.10	6.30	SW/SS/701/-105X6.3
72	110.00	125.10	6.30	SW/SS/701/-110X6.3
73	110.00	130.50	8.10	SW/SS/701/-110X8.1
74	115.00	130.10	6.30	SW/SS/701/-115X6.3
75	115.00	135.50	8.10	SW/SS/701/-115X8.1
76	118.00	133.10	6.30	SW/SS/701/-118X6.3
77	120.00	135.20	6.30	SW/SS/701/-120X6.3
78	120.00	140.50	8.10	SW/SS/701/-120X8.1
79	125.00	140.10	6.30	SW/SS/701/-125X6.3
80	125.00	145.50	8.10	SW/SS/701/-125X8.1
81	127.00	137.70	4.20	SW/SS/701/-127X4.2
82	127.00	142.10	6.30	SW/SS/701/-127X6.3
83	130.00	145.20	6.30	SW/SS/701/-130X6.3
84	130.00	150.50	8.10	SW/SS/701/-130X8.1
85	135.00	150.10	6.30	SW/SS/701/-135X6.3
86	135.00	155.50	8.10	SW/SS/701/-135X8.1
87	136.00	151.10	6.30	SW/SS/701/-136X6.3
88	138.00	153.10	6.30	SW/SS/701/-138X6.3
89	140.00	150.70	4.20	SW/SS/701/-140X4.2
90	140.00	155.10	6.30	SW/SS/701/-140X6.3



91	145.00	155.70	4.20	SW/SS/701/-145X4.2
92	145.00	160.10	6.30	SW/SS/701/-145X6.3
93	150.00	165.10	6.30	SW/SS/701/-150X6.3
94	150.00	170.10	8.10	SW/SS/701/-150X8.1
95	155.00	170.10	6.30	SW/SS/701/-155X6.3
96	160.00	175.10	6.30	SW/SS/701/-160X6.3
97	160.00	180.50	8.10	SW/SS/701/-160X8.1
98	165.00	180.10	6.30	SW/SS/701/-165X6.3
99	170.00	185.10	6.30	SW/SS/701/-170X6.3
100	170.00	190.51	8.10	SW/SS/701/-170X8.1
101	175.00	190.10	6.30	SW/SS/701/-175X6.3
102	175.00	195.50	8.10	SW/SS/701/-175X8.1
103	180.00	195.10	6.30	SW/SS/701/-180X6.3
104	180.00	200.50	8.10	SW/SS/701/-180X8.1
105	190.00	205.10	6.30	SW/SS/701/-190X6.3
106	190.00	210.50	8.10	SW/SS/701/-190X8.1
107	195.00	210.10	6.30	SW/SS/701/-195X6.3
108	200.00	215.10	6.30	SW/SS/701/-200X6.3
109	200.00	220.50	8.10	SW/SS/701/-200X8.1
110	210.00	230.50	8.10	SW/SS/701/-210X8.1
111	220.00	240.50	8.10	SW/SS/701/-220X8.1
112	225.00	245.00	8.10	SW/SS/701/-225X8.1
113	230.00	250.50	8.10	SW/SS/701/-230X8.1
114	240.00	260.50	8.10	SW/SS/701/-240X8.1
115	250.00	270.50	8.10	SW/SS/701/-250X8.1
116	260.00	284.00	8.10	SW/SS/701/-260X8.1
117	270.00	294.00	8.10	SW/SS/701/-270X8.1
118	275.00	299.00	8.10	SW/SS/701/-275X8.1
119	280.00	304.00	8.10	SW/SS/701/-280X8.1
120	290.00	314.00	8.10	SW/SS/701/-290X8.1
121	300.00	324.00	8.10	SW/SS/701/-300X8.1
122	310.00	334.00	8.10	SW/SS/701/-310X8.1
123	320.00	344.00	8.10	SW/SS/701/-320X8.1
124	330.00	354.00	8.10	SW/SS/701/-330X8.1
125	340.00	364.00	8.10	SW/SS/701/-340X8.1
126	350.00	374.00	8.10	SW/SS/701/-350X8.1
127	360.00	384.00	8.10	SW/SS/701/-360X8.1
128	370.00	394.00	8.10	SW/SS/701/-370X8.1
129	380.00	404.00	8.10	SW/SS/701/-380X8.1
130	390.00	414.00	8.10	SW/SS/701/-390X8.1
131	400.00	424.00	8.10	SW/SS/701/-400X8.1
132	410.00	434.00	8.10	SW/SS/701/-410X8.1
133	420.00	444.00	8.10	SW/SS/701/-420X8.1



ROD SEAL -- SW/RS-722



SW/RS-722 is a twin lip asymmetrical rod seal, with trimmed sealing lips. This range supports most of the standard housings of Asia Pacific, North America and Europe.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
6000 PSI Max 10000 PSI with Backup ring	PU	Excellent wear resistance	Material handling
TEMPERATURE RANGE	Nitrile	Primary lip protection	Mobile Hydraulics
(50)-+250° F	Viton	Improved stability	Medium duty cycle
VELOCITY		Can withstand wide range of temperature and very effective in low temperature	Light duty cycle
3.2 Feet/Sec		Longer life	
		Easy to install	
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. PI contact SINTA, technical team for support.			



SL NO	ØD (H9)	Ød (F7)	H +0.25	Material Code
1	15.00	6.00	7.30	SW/RS/722/-15X7.3
2	16.00	6.00	7.00	SW/RS/722/-16X7
3	18.00	8.00	7.00	SW/RS/722/-18X7
4	15.00	10.00	3.60	SW/RS/722/-15X3.6
5	18.00	12.00	4.00	SW/RS/722/-18X4
6	18.00	12.00	5.70	SW/RS/722/-18X5.7
7	19.00	12.00	4.50	SW/RS/722/-19X4.5
8	19.00	12.00	5.10	SW/RS/722/-19X5.1
9	20.00	12.00	5.70	SW/RS/722/-20X5.7
10	22.00	12.00	7.30	SW/RS/722/-22X7.3
11	22.00	12.00	7.70	SW/RS/722/-22X7.7
12	18.00	12.70	5.50	SW/RS/722/-18X5.5
13	20.00	13.00	4.50	SW/RS/722/-20X4.5
14	21.00	14.00	5.10	SW/RS/722/-21X5.1
15	22.00	14.00	5.70	SW/RS/722/-22X5.7
16	24.00	14.00	7.30	SW/RS/722/-24X7.3
17	22.00	15.00	5.70	SW/RS/722/-22X5.7
18	25.50	15.37	6.35	SW/RS/722/-25.5X6.35
19	22.00	16.00	4.50	SW/RS/722/-22X4.5
20	22.00	16.00	5.00	SW/RS/722/-22X5
21	24.00	16.00	5.80	SW/RS/722/-24X5.8
22	26.00	16.00	7.70	SW/RS/722/-26X7.7
23	24.00	18.00	4.50	SW/RS/722/-24X4.5
24	25.00	18.00	5.00	SW/RS/722/-25X5
25	26.00	18.00	5.00	SW/RS/722/-26X5
26	26.00	18.00	5.70	SW/RS/722/-26X5.7
27	26.00	18.00	6.00	SW/RS/722/-26X6
28	26.00	18.00	8.20	SW/RS/722/-26X8.2
29	28.00	18.00	7.70	SW/RS/722/-28X7.7
30	25.00	20.00	3.20	SW/RS/722/-25X3.2
31	26.00	20.00	5.00	SW/RS/722/-26X5
32	26.00	20.00	6.50	SW/RS/722/-26X6.5
33	27.00	20.00	6.10	SW/RS/722/-27X6.1
34	28.00	20.00	5.00	SW/RS/722/-28X5
35	28.00	20.00	5.70	SW/RS/722/-28X5.7
36	28.00	20.00	6.30	SW/RS/722/-28X6.3
37	30.00	20.00	6.00	SW/RS/722/-30X6
38	30.00	20.00	7.30	SW/RS/722/-30X7.3
39	30.00	20.00	7.70	SW/RS/722/-30X7.7
40	30.00	20.00	10.00	SW/RS/722/-30X10
41	27.50	22.00	4.50	SW/RS/722/-27.5X4.5
42	30.00	22.00	5.00	SW/RS/722/-30X5
43	30.00	22.00	5.70	SW/RS/722/-30X5.7
44	30.00	22.00	6.30	SW/RS/722/-30X6.3



45	30.00	22.00	7.30	SW/RS/722/-30X7.3
46	32.00	22.00	7.30	SW/RS/722/-32X7.3
47	32.00	22.00	8.20	SW/RS/722/-32X8.2
48	32.00	22.00	10.00	SW/RS/722/-32X10
49	30.00	22.40	5.00	SW/RS/722/-30X5
50	32.40	22.40	8.00	SW/RS/722/-32.4X8
51	30.00	24.00	4.50	SW/RS/722/-30X4.5
52	33.00	25.00	5.00	SW/RS/722/-33X5
53	33.00	25.00	5.70	SW/RS/722/-33X5.7
54	33.00	25.00	6.80	SW/RS/722/-33X6.8
55	33.00	25.00	8.00	SW/RS/722/-33X8
56	33.00	25.00	10.00	SW/RS/722/-33X10
57	35.00	25.00	7.30	SW/RS/722/-35X7.3
58	35.00	25.00	7.70	SW/RS/722/-35X7.7
59	35.00	25.00	10.00	SW/RS/722/-35X10
60	37.00	25.00	10.00	SW/RS/722/-37X10
61	40.00	25.00	10.00	SW/RS/722/-40X10
62	36.00	26.00	7.00	SW/RS/722/-36X7
63	35.50	28.00	5.00	SW/RS/722/-35.5X5
64	36.00	28.00	5.70	SW/RS/722/-36X5.7
65	36.00	28.00	6.30	SW/RS/722/-36X6.3
66	38.00	28.00	7.30	SW/RS/722/-38X7.3
67	43.00	28.00	11.40	SW/RS/722/-43X11.4
68	38.00	30.00	5.70	SW/RS/722/-38X5.7
69	38.00	30.00	6.30	SW/RS/722/-38.00X6.3
70	40.00	30.00	6.00	SW/RS/722/-40.00X6
71	40.00	30.00	7.00	SW/RS/722/-40X7
72	40.00	30.00	7.30	SW/RS/722/-40X7.3
73	40.00	30.00	8.50	SW/RS/722/-40X8.5
74	40.00	30.00	10.00	SW/RS/722/-40X10
75	42.00	30.00	10.90	SW/RS/722/-42X10.9
76	43.00	30.00	10.00	SW/RS/722/-43X10
77	45.00	30.00	9.00	SW/RS/722/-45X9
78	45.00	30.00	10.00	SW/RS/722/-45X10
79	50.00	30.00	10.00	SW/RS/722/-50X10
80	40.00	32.00	6.00	SW/RS/722/-40X6
81	40.00	32.00	6.70	SW/RS/722/-40X6.7
82	40.00	32.00	7.70	SW/RS/722/-40X7.7
83	41.50	32.00	7.90	SW/RS/722/-41.5X7.9
84	42.00	32.00	5.70	SW/RS/722/-42X5.7
85	42.00	32.00	6.00	SW/RS/722/-42X6
86	42.00	32.00	7.30	SW/RS/722/-42X7.3
87	42.00	32.00	10.00	SW/RS/722/-42X10
88	45.00	32.00	10.00	SW/RS/722/-45X10
89	47.00	32.00	9.10	SW/RS/722/-47X9.1
90	47.00	32.00	10.00	SW/RS/722/-47X10



91	48.00	32.00	10.00	SW/RS/722/-48X10
92	43.00	35.00	5.70	SW/RS/722/-43X5.7
93	43.00	35.00	6.30	SW/RS/722/-43X6.3
94	43.00	35.00	8.20	SW/RS/722/-43X8.2
95	45.00	35.00	6.00	SW/RS/722/-45X6
96	45.00	35.00	7.00	SW/RS/722/-45X7
97	45.00	35.00	7.70	SW/RS/722/-45X7.7
98	45.00	35.00	10.00	SW/RS/722/-45X10
99	50.00	35.00	9.00	SW/RS/722/-50X9
100	50.00	35.00	10.00	SW/RS/722/-50X10
101	45.00	35.50	6.00	SW/RS/722/-45X6
102	50.50	35.50	10.00	SW/RS/722/-50.5X10
103	44.00	36.00	6.40	SW/RS/722/-44X6.4
104	44.00	36.00	8.20	SW/RS/722/-44X8.2
105	46.00	36.00	5.70	SW/RS/722/-46X5.7
106	46.00	36.00	7.30	SW/RS/722/-46X7.3
107	46.00	36.00	10.00	SW/RS/722/-46X10
108	51.00	36.00	10.00	SW/RS/722/-51X10
109	47.00	37.00	10.00	SW/RS/722/-47X10
110	48.00	38.00	8.00	SW/RS/722/-48X8
111	48.00	38.00	10.00	SW/RS/722/-48X10
112	50.00	38.00	10.00	SW/RS/722/-50X10
113	53.00	38.00	10.00	SW/RS/722/-53X10
114	48.00	40.00	5.70	SW/RS/722/-48X5.7
115	48.00	40.00	8.20	SW/RS/722/-48X8.2
116	49.52	40.00	9.50	SW/RS/722/-49.52X9.5
117	50.00	40.00	6.00	SW/RS/722/-50X6
118	50.00	40.00	7.30	SW/RS/722/-50X7.3
119	50.00	40.00	9.00	SW/RS/722/-50X9
120	50.00	40.00	10.00	SW/RS/722/-50X10
121	52.00	40.00	10.90	SW/RS/722/-52X10.9
122	55.00	40.00	7.30	SW/RS/722/-55X7.3
123	55.00	40.00	9.00	SW/RS/722/-55X9
124	55.00	40.00	10.00	SW/RS/722/-55X10
125	55.00	40.00	11.40	SW/RS/722/-55X11.4
126	50.00	42.00	5.70	SW/RS/722/-50X5.7
127	50.00	42.00	7.50	SW/RS/722/-50X7.5
128	52.00	42.00	6.00	SW/RS/722/-52X6
129	52.00	42.00	10.00	SW/RS/722/-52X10
130	53.00	43.00	6.00	SW/RS/722/-53X6
131	53.00	45.00	7.30	SW/RS/722/-53X7.3
132	53.00	45.00	8.10	SW/RS/722/-53X8.1
133	53.00	45.00	11.80	SW/RS/722/-53X11.8
134	55.00	45.00	5.60	SW/RS/722/-55X5.6
135	55.00	45.00	6.00	SW/RS/722/-55X6
136	55.00	45.00	7.30	SW/RS/722/-55X7.3



137	55.00	45.00	8.20	SW/RS/722/-55X8.2
138	55.00	45.00	10.00	SW/RS/722/-55X10
139	57.70	45.00	9.50	SW/RS/722/-57.7X9.5
140	60.00	45.00	10.00	SW/RS/722/-60X10
141	60.00	45.00	11.40	SW/RS/722/-60X11.4
142	65.00	45.00	10.00	SW/RS/722/-65X10
143	56.23	47.00	9.00	SW/RS/722/-56.23X9
144	56.00	48.00	11.40	SW/RS/722/-56X11.4
145	60.00	48.00	10.00	SW/RS/722/-60X10
146	57.00	50.00	9.00	SW/RS/722/-57X9
147	60.00	50.00	6.00	SW/RS/722/-60X6
148	60.00	50.00	7.30	SW/RS/722/-60X7.3
149	60.00	50.00	8.20	SW/RS/722/-60X8.2
150	60.00	50.00	10.00	SW/RS/722/-60X10
151	60.00	50.00	11.80	SW/RS/722/-60X11.8
152	62.70	50.00	9.50	SW/RS/722/-62.7X9.5
153	63.00	50.00	10.00	SW/RS/722/-63X10
154	65.00	50.00	9.00	SW/RS/722/-65X9
155	65.00	50.00	9.50	SW/RS/722/-65X9.5
156	65.00	50.00	10.00	SW/RS/722/-65X10
157	65.00	50.00	10.90	SW/RS/722/-65X10.9
158	65.00	50.00	11.40	SW/RS/722/-65X11.4
159	65.00	50.00	14.50	SW/RS/722/-65X14.5
160	70.00	50.00	12.00	SW/RS/722/-70X12
161	63.00	53.00	6.00	SW/RS/722/-63X6
162	65.00	53.00	9.00	SW/RS/722/-65X9
163	63.00	55.00	8.20	SW/RS/722/-63X8.2
164	65.00	55.00	6.00	SW/RS/722/-65X6
165	65.00	55.00	7.30	SW/RS/722/-65X7.3
166	65.00	55.00	8.20	SW/RS/722/-65X8.2
167	65.00	55.00	10.00	SW/RS/722/-65X10
168	65.00	55.00	11.80	SW/RS/722/-65X11.8
169	68.00	55.00	10.00	SW/RS/722/-68X10
170	70.00	55.00	9.00	SW/RS/722/-70X9
171	70.00	55.00	11.80	SW/RS/722/-70X11.8
172	71.00	55.00	12.00	SW/RS/722/-71X12
173	75.00	55.00	12.00	SW/RS/722/-75X12
174	66.00	56.00	10.00	SW/RS/722/-66X10
175	71.00	56.00	10.00	SW/RS/722/-71X10
176	71.00	56.00	11.40	SW/RS/722/-71X11.4
177	68.00	60.00	11.40	SW/RS/722/-68X11.4
178	70.00	60.00	6.00	SW/RS/722/-70X6
179	70.00	60.00	7.30	SW/RS/722/-70X7.3
180	70.00	60.00	10.00	SW/RS/722/-70X10
181	70.00	60.00	11.80	SW/RS/722/-70X11.8
182	71.00	60.00	7.00	SW/RS/722/-71X7



183	72.00	60.00	10.00	SW/RS/722/-72X10
184	73.00	60.00	10.00	SW/RS/722/-73X10
185	75.00	60.00	9.00	SW/RS/722/-75X9
186	75.00	60.00	10.00	SW/RS/722/-75X10
187	75.00	60.00	11.40	SW/RS/722/-75X11.4
188	75.00	60.00	11.80	SW/RS/722/-75X11.8
189	75.00	60.00	20.50	SW/RS/722/-75X20.5
190	76.00	60.00	10.00	SW/RS/722/-76X10
191	80.00	60.00	11.40	SW/RS/722/-80X11.4
192	80.00	60.00	12.00	SW/RS/722/-80X12
193	73.00	63.00	6.00	SW/RS/722/-73X6
194	73.00	63.00	11.80	SW/RS/722/-73X11.8
195	78.00	63.00	10.00	SW/RS/722/-78X10
196	78.00	63.00	11.40	SW/RS/722/-78X11.4
197	83.00	63.00	11.80	SW/RS/722/-83X11.8
198	75.00	65.00	6.00	SW/RS/722/-75X6
199	75.00	65.00	7.70	SW/RS/722/-75X7.7
200	75.00	65.00	11.80	SW/RS/722/-75X11.8
201	77.00	65.00	9.00	SW/RS/722/-77X9
202	77.70	65.00	9.50	SW/RS/722/-77.7X9.5
203	78.00	65.00	10.00	SW/RS/722/-78X10
204	80.00	65.00	9.00	SW/RS/722/-80X9
205	80.00	65.00	11.80	SW/RS/722/-80X11.8
206	85.00	65.00	12.00	SW/RS/722/-85X12
207	77.00	67.00	6.00	SW/RS/722/-77X6
208	76.50	68.50	8.00	SW/RS/722/-76.5X8
209	78.00	70.00	11.40	SW/RS/722/-78X11.4
210	80.00	70.00	6.00	SW/RS/722/-80X6
211	80.00	70.00	11.40	SW/RS/722/-80X11.4
212	80.00	70.00	11.80	SW/RS/722/-80X11.8
213	82.00	70.00	8.70	SW/RS/722/-82X8.7
214	82.00	70.00	10.00	SW/RS/722/-82X10
215	83.00	70.00	10.00	SW/RS/722/-83X10
216	85.00	70.00	9.00	SW/RS/722/-85X9
217	85.00	70.00	10.00	SW/RS/722/-85X10
218	85.00	70.00	11.40	SW/RS/722/-85X11.4
219	85.00	70.00	20.50	SW/RS/722/-85X20.5
220	90.00	70.00	12.00	SW/RS/722/-90X12
221	83.00	75.00	11.40	SW/RS/722/-83X11.4
222	85.00	75.00	6.00	SW/RS/722/-85X6
223	85.00	75.00	11.40	SW/RS/722/-85X11.4
224	85.00	75.00	11.80	SW/RS/722/-85X11.8
225	88.00	75.00	10.00	SW/RS/722/-88X10
226	90.00	75.00	9.00	SW/RS/722/-90X9
227	90.00	75.00	10.00	SW/RS/722/-90X10
228	90.00	75.00	11.40	SW/RS/722/-90X11.4

229	95.00	75.00	12.00	SW/RS/722/-95X12
230	87.00	77.00	11.80	SW/RS/722/-87X11.8
231	86.00	78.00	9.00	SW/RS/722/-86X9
232	86.00	78.00	11.40	SW/RS/722/-86X11.4
233	88.00	80.00	10.90	SW/RS/722/-88X10.9
234	90.00	80.00	6.00	SW/RS/722/-90X6
235	90.00	80.00	10.00	SW/RS/722/-90X10
236	90.00	80.00	11.80	SW/RS/722/-90X11.8
237	92.00	80.00	8.70	SW/RS/722/-92X8.7
238	93.00	80.00	10.00	SW/RS/722/-93X10
239	95.00	80.00	9.00	SW/RS/722/-95X9
240	95.00	80.00	10.00	SW/RS/722/-95X10
241	95.00	80.00	11.40	SW/RS/722/-95X11.4
242	95.00	80.00	11.80	SW/RS/722/-95X11.8
243	100.00	80.00	12.00	SW/RS/722/-100X12
244	100.00	80.00	14.50	SW/RS/722/-100X14.5
245	110.00	80.00	16.40	SW/RS/722/-110X16.4
246	93.00	85.00	8.20	SW/RS/722/-93X8.2
247	93.00	85.00	10.00	SW/RS/722/-93X10
248	93.00	85.00	11.40	SW/RS/722/-93X11.4
249	95.00	85.00	11.80	SW/RS/722/-95X11.8
250	100.00	85.00	9.00	SW/RS/722/-100X9
251	100.00	85.00	10.00	SW/RS/722/-100X10
252	100.00	85.00	11.80	SW/RS/722/-100X11.8
253	105.00	85.00	12.00	SW/RS/722/-105X12
254	98.00	90.00	11.40	SW/RS/722/-98X11.4
255	100.00	90.00	6.80	SW/RS/722/-100X6.8
256	100.00	90.00	9.00	SW/RS/722/-100X9
257	100.00	90.00	11.40	SW/RS/722/-100X11.4
258	100.00	90.00	11.80	SW/RS/722/-100X11.8
259	102.00	90.00	8.70	SW/RS/722/-102X8.7
260	105.00	90.00	9.00	SW/RS/722/-105X9
261	105.00	90.00	10.00	SW/RS/722/-105X10
262	105.00	90.00	11.40	SW/RS/722/-105X11.4
263	110.00	90.00	12.00	SW/RS/722/-110X12
264	103.00	95.00	11.40	SW/RS/722/-103X11.4
265	110.00	95.00	9.00	SW/RS/722/-110X9
266	110.00	95.00	10.00	SW/RS/722/-110X10
267	110.00	95.00	11.80	SW/RS/722/-110X11.8
268	115.00	95.00	12.00	SW/RS/722/-115X12
269	104.00	96.00	10.90	SW/RS/722/-104X10.9
270	112.00	98.00	8.50	SW/RS/722/-112X8.5
271	108.00	100.00	10.90	SW/RS/722/-108X10.9
272	110.00	100.00	10.90	SW/RS/722/-110X10.9
273	115.00	100.00	9.00	SW/RS/722/-115X9
274	115.00	100.00	10.00	SW/RS/722/-115X10



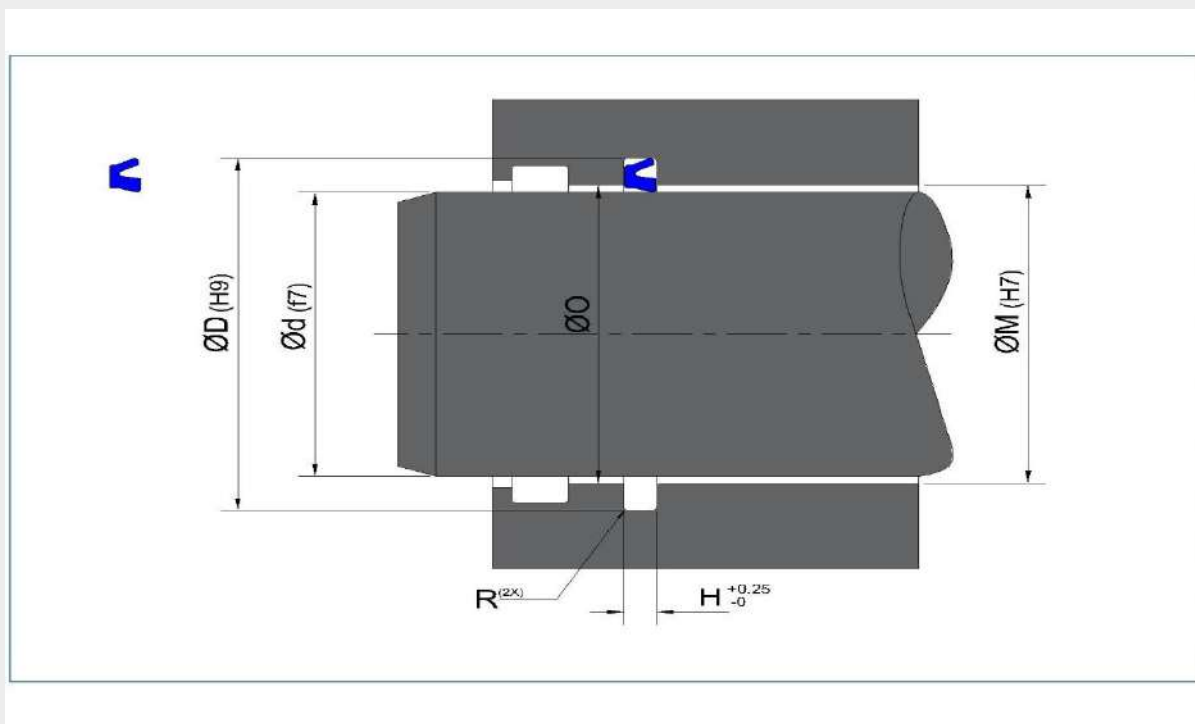
275	115.00	100.00	11.80	SW/RS/722/-115X11.8
276	120.00	100.00	11.80	SW/RS/722/-120X11.8
277	120.00	100.00	14.50	SW/RS/722/-120X14.5
278	113.00	105.00	10.00	SW/RS/722/-113X10
279	115.00	105.00	13.20	SW/RS/722/-115X13.2
280	120.00	105.00	9.00	SW/RS/722/-120X9
281	120.00	105.00	10.00	SW/RS/722/-120X10
282	120.00	105.00	14.50	SW/RS/722/-120X14.5
283	125.00	105.00	14.50	SW/RS/722/-125X14.5
284	123.00	108.00	10.90	SW/RS/722/-123X10.9
285	125.00	110.00	9.00	SW/RS/722/-125X9
286	125.00	110.00	11.00	SW/RS/722/-125X11
287	125.00	110.00	14.50	SW/RS/722/-125X14.5
288	130.00	110.00	11.80	SW/RS/722/-130X11.8
289	130.00	110.00	14.50	SW/RS/722/-130X14.5
290	135.00	110.00	14.50	SW/RS/722/-135X14.5
291	125.00	112.00	9.00	SW/RS/722/-125X9
292	123.00	115.00	11.40	SW/RS/722/-123X11.4
293	125.00	115.00	11.00	SW/RS/722/-125X11
294	130.00	115.00	9.00	SW/RS/722/-130X9
295	130.00	115.00	10.90	SW/RS/722/-130X10.9
296	130.00	115.00	14.50	SW/RS/722/-130X14.5
297	128.00	120.00	11.40	SW/RS/722/-128X11.4
298	130.00	120.00	10.90	SW/RS/722/-130X10.9
299	135.00	120.00	9.00	SW/RS/722/-135X9
300	140.00	120.00	12.00	SW/RS/722/-140X12
301	140.00	120.00	14.50	SW/RS/722/-140X14.5
302	134.00	124.00	6.00	SW/RS/722/-134X6
303	133.00	125.00	10.00	SW/RS/722/-133X10
304	133.00	125.00	11.40	SW/RS/722/-133X11.4
305	140.00	125.00	9.00	SW/RS/722/-140X9
306	140.00	125.00	10.00	SW/RS/722/-140X10
307	140.00	125.00	10.90	SW/RS/722/-140X10.9
308	145.00	125.00	12.00	SW/RS/722/-145X12
309	145.00	125.00	14.50	SW/RS/722/-145X14.5
310	150.00	125.00	12.50	SW/RS/722/-150X12.5
311	140.00	130.00	14.50	SW/RS/722/-140X14.5
312	145.00	130.00	9.00	SW/RS/722/-145X9
313	145.00	130.00	10.00	SW/RS/722/-145X10
314	150.00	130.00	12.00	SW/RS/722/-150X12
315	150.00	130.00	14.50	SW/RS/722/-150X14.5
316	157.50	132.50	13.20	SW/RS/722/-157.5X13.2
317	143.00	135.00	11.40	SW/RS/722/-143X11.4
318	145.00	135.00	11.00	SW/RS/722/-145X11
319	150.00	135.00	9.00	SW/RS/722/-150X9
320	150.00	135.00	11.40	SW/RS/722/-150X11.4



321	150.00	140.00	6.00	SW/RS/722/-150X6
322	150.00	140.00	10.90	SW/RS/722/-150X10.9
323	150.00	140.00	11.80	SW/RS/722/-150X11.8
324	155.00	140.00	9.00	SW/RS/722/-155X9
325	155.00	140.00	11.80	SW/RS/722/-155X11.8
326	160.00	140.00	11.80	SW/RS/722/-160X11.8
327	160.00	140.00	14.50	SW/RS/722/-160X14.5
328	160.00	150.00	11.00	SW/RS/722/-160X11
329	165.00	150.00	9.00	SW/RS/722/-165X9
330	170.00	150.00	12.00	SW/RS/722/-170X12
331	170.00	150.00	13.20	SW/RS/722/-170X13.2
332	170.00	150.00	14.50	SW/RS/722/-170X14.5
333	159.00	151.00	9.00	SW/RS/722/-159X9
334	163.00	155.00	11.40	SW/RS/722/-163X11.4
335	165.00	155.00	6.00	SW/RS/722/-165X6
336	165.00	155.00	11.00	SW/RS/722/-165X11
337	170.00	155.00	9.00	SW/RS/722/-170X9
338	170.00	155.00	14.50	SW/RS/722/-170X14.5
339	175.00	160.00	9.00	SW/RS/722/-175X9
340	175.00	160.00	10.90	SW/RS/722/-175X10.9
341	180.00	160.00	12.00	SW/RS/722/-180X12
342	180.00	160.00	14.50	SW/RS/722/-180X14.5
343	180.00	165.00	9.00	SW/RS/722/-180X9
344	180.00	170.00	6.00	SW/RS/722/-180X6
345	180.00	170.00	11.80	SW/RS/722/-180X11.8
346	185.00	170.00	9.00	SW/RS/722/-185X9
347	190.00	170.00	14.50	SW/RS/722/-190X14.5
348	190.00	180.00	11.00	SW/RS/722/-190X11
349	192.00	180.00	12.50	SW/RS/722/-192X12.5
350	200.00	180.00	11.80	SW/RS/722/-200X11.8
351	200.00	180.00	14.50	SW/RS/722/-200X14.5
352	200.00	185.00	10.90	SW/RS/722/-200X10.9
353	210.00	190.00	14.50	SW/RS/722/-210X14.5
354	215.00	190.00	18.50	SW/RS/722/-215X18.5
355	220.00	200.00	12.00	SW/RS/722/-220X12
356	220.00	200.00	14.50	SW/RS/722/-220X14.5
357	220.00	205.00	12.20	SW/RS/722/-220X12.2
358	222.00	210.00	12.30	SW/RS/722/-222X12.3
359	240.00	220.00	14.50	SW/RS/722/-240X14.5
360	260.00	240.00	14.50	SW/RS/722/-260X14.5
361	275.00	255.00	14.50	SW/RS/722/-275X14.5
362	270.00	260.00	12.30	SW/RS/722/-270X12.3
363	280.00	260.00	14.50	SW/RS/722/-280X14.5
364	310.00	290.00	14.50	SW/RS/722/-310X14.5
365	350.00	330.00	18.00	SW/RS/722/-350X18



ROD SEAL -- SW/RS-724



SW/RS-724 is a twin lip asymmetrical rod seal. It is recommended to use as a single Rod Seal or in combination with PTFE Rod seal- **SW/SS-701** range for best performance.

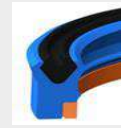
Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
3500-4000 PSI	PU	Low friction	Material handling
TEMPERATURE RANGE	Nitrile	Can withstand wide range of temperature and very effective in low temperature	Mobile Hydraulics
(50)-+250° F	Viton	Improved saleability	Medium duty cycle
VELOCITY		Longer life	Light duty cycle
3.2 Feet/Sec		Easy to install	
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA , technical team for support.			

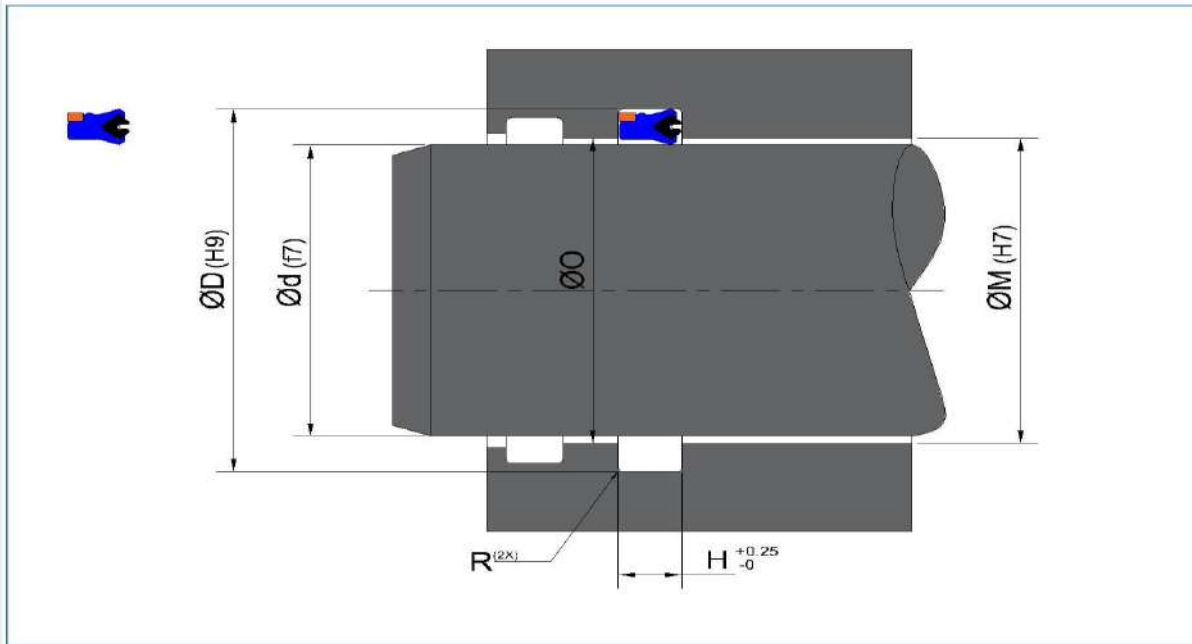


SINTA STANDARD DIMENSIONS

SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	21.50	14.00	2.80	SW/RS/724/-21.5X2.8
2	25.50	18.00	2.80	SW/RS/724/-25.5X2.8
3	27.50	20.00	2.80	SW/RS/724/-27.5X2.8
4	31.00	20,00	3.90	SW/RS/724/-31X3.9
5	33.00	22.00	3.90	SW/RS/724/-33X3.9
6	32.50	25.00	2.80	SW/RS/724/-32.5X2.8
7	36.00	25.00	3.90	SW/RS/724/-36X3.9
8	32.90	25.40	2.80	SW/RS/724/-32.9X2.8
9	39.00	28.00	3.90	SW/RS/724/-39X3.9
10	41.00	30.00	3.90	SW/RS/724/-41X3.9
11	39.50	32.00	2.80	SW/RS/724/-39.5X2.8
12	43.00	32.00	3.90	SW/RS/724/-43X3.9
13	47 00	36.00	3.90	SW/RS/724/-47 00X3.9
14	51.00	40.00	3.90	SW/RS/724/-51X3.9
15	55.50	40,00	6.00	SW/RS/724/-55.5X6
16	56.00	45.00	3.90	SW/RS/724/-56X3.9
17	60.50	45.00	6.00	SW/RS/724/-60.5X6
18	61.00	50.00	3.90	SW/RS/724/-61X3.9
19	65.50	50.00	6.00	SW/RS/724/-65.5X6
20	71.50	56.00	6.00	SW/RS/724/-71.5X6
21	70.60	60.00	3.90	SW/RS/724/-70.6X3.9
22	75.50	60.00	6.00	SW/RS/724/-75.5X6
23	78.50	63.00	6.00	SW/RS/724/-78.5X6
24	76.00	65.00	3.90	SW/RS/724/-76X3.9
25	80.50	65.00	6.00	SW/RS/724/-80.5X6
26	85.50	70.00	6.00	SW/RS/724/-85.5X6
27	90.50	75.00	6.00	SW/RS/724/-90.5X6
28	95.50	80.00	6.00	SW/RS/724/-95.5X6
29	100.50	85.00	6.00	SW/RS/724/-100.5X6
30	105.50	90.00	6.00	SW/RS/724/-105.5X6
31	110.50	95.00	6.00	SW/RS/724/-110.5X6
32	115.50	100.00	6.00	SW/RS/724/-115.5X6
33	125.50	110.00	6.00	SW/RS/724/-125.5X6
34	140.50	125.00	6.00	SW/RS/724/-140.5X6
35	145.50	130.00	6.00	SW/RS/724/-145.5X6
36	155.50	140.00	6.00	SW/RS/724/-155.5X6
37	175.50	160.00	6.00	SW/RS/724/-175.5X6



ROD SEAL -- SW/RS-726



SW/RS-726 is a twin lip rod seal. The primary seal is made of PU with rubber energiser, which ensures proper sealing during pressure spikes and primary sealing lips to maintain contact under low pressure, and Acetal anti extrusion rings to withstand side loads and pressure spikes. SW/RS-726 series is widely used for heavy duty applications.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
10000 PSI	PU	Low friction	Heavy Duty Cycle
TEMPERATURE RANGE	Nitrile	Low temperature performance	
(50)-+250° F	POM	Improved stability	
VELOCITY	Acetal	High Pressure capability	
3.2 Feet/Sec		Shock load capability	
		Primary lip protection	
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA , technical team for support.			

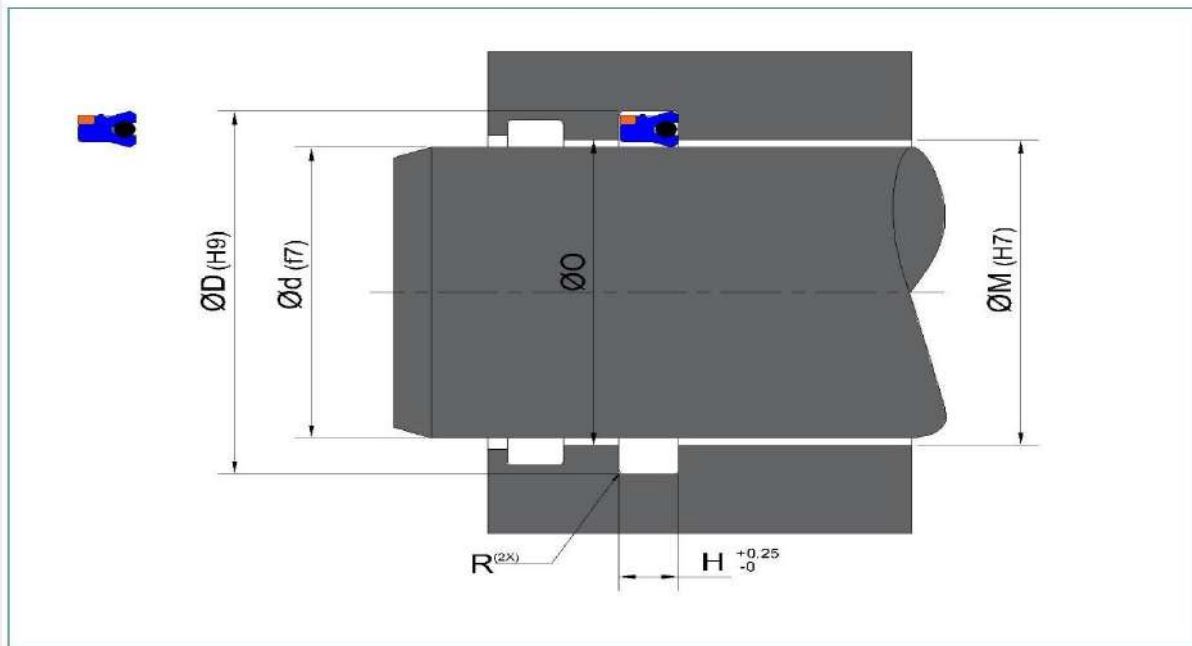


SINTA STANDARD DIMENSIONS				
SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	40.00	30.00	7.30	SW/RS/726/40X7.3
2	40.00	30.00	10.00	SW/RS/726/4010
3	45.00	35.00	10.00	SW/RS/726/4510
4	50.00	35.00	9.50	SW/RS/726/509.5
5	46.00	36.00	7.30	SW/RS/726/467.3
6	50.00	40.00	7.30	SW/RS/726/507.3
7	50.00	40.00	10.00	SW/RS/726/5010
8	55.00	45.00	7.30	SW/RS/726/557.3
9	55.00	45.00	10.00	SW/RS/726/5510
10	60.00	45.00	11.40	SW/RS/726/6011.4
11	60.00	50.00	7.30	SW/RS/726/607.3
12	60.00	50.00	10.00	SW/RS/726/6010
13	65.00	50.00	10.00	SW/RS/726/6510
14	65.00	50.00	11.40	SW/RS/726/6511.4
15	65.00	55.00	10.00	SW/RS/726/6510
16	70.00	55.00	9.00	SW/RS/726/709
17	70.00	55.00	11.40	SW/RS/726/7011.4
18	71.00	56.00	11.40	SW/RS/726/7111.4
19	73.00	60.00	13.00	SW/RS/726/7313
20	75.00	60.00	11.40	SW/RS/726/7511.4
21	78.00	63.00	11.40	SW/RS/726/7811.4
22	83.00	63.00	11.80	SW/RS/726/8311.8
23	75.00	65.00	10.00	SW/RS/726/7510
24	80.00	65.00	10.00	SW/RS/726/8010
25	80.00	65.00	11.40	SW/RS/726/8011.4
26	80.00	65.00	13.00	SW/RS/726/8013
27	83.00	70.00	13.00	SW/RS/726/8313
28	85.00	70.00	10.00	SW/RS/726/8510
29	85.00	70.00	11.40	SW/RS/726/8511.4
30	88.00	75.00	13.00	SW/RS/726/8813
31	90.00	75.00	12.00	SW/RS/726/9012
32	90.00	75.00	13.00	SW/RS/726/9013
33	95.00	75.00	11.40	SW/RS/726/9511.4
34	95.00	75.00	14.60	SW/RS/726/9514.6
35	93.00	80.00	13.00	SW/RS/726/9313
36	95.00	80.00	11.40	SW/RS/726/9511.4
37	95.00	80.00	13.00	SW/RS/726/9513
38	100.00	85.00	11.80	SW/RS/726/10011.8

39	100.00	85.00	13.00	SW/RS/726/10013
40	105.00	85.00	14.60	SW/RS/726/10514.6
41	105.00	90.00	11.40	SW/RS/726/10511.4
42	105.00	90.00	13.00	SW/RS/726/10513
43	110.00	90.00	14.60	SW/RS/726/11014.6
44	110.00	95.00	12.00	SW/RS/726/11012
45	110.00	95.00	13.00	SW/RS/726/11013
46	115.00	95.00	14.60	SW/RS/726/11514.6
47	115.00	100.00	13.00	SW/RS/726/11513
48	115.00	100.00	14.60	SW/RS/726/11514.6
49	120.00	105.00	12.00	SW/RS/726/12012
50	120.00	105.00	13.00	SW/RS/726/12013
51	125.00	105.00	14.60	SW/RS/726/12514.6
52	125.00	110.00	13.00	SW/RS/726/12513
53	130.00	110.00	13.00	SW/RS/726/13013
54	130.00	110.00	14.60	SW/RS/726/13014.6
55	135.00	115.00	14.60	SW/RS/726/13514.6
56	135.00	120.00	14.60	SW/RS/726/13514.6
57	140.00	120.00	13.00	SW/RS/726/14013
58	140.00	120.00	14.60	SW/RS/726/14014.6
59	145.00	125.00	14.60	SW/RS/726/14514.6
60	145.00	130.00	13.00	SW/RS/726/14513
61	150.00	130.00	14.60	SW/RS/726/15014.6
62	155.00	140.00	13.00	SW/RS/726/15513
63	160.00	140.00	13.00	SW/RS/726/16013
64	160.00	140.00	14.60	SW/RS/726/16014.6
65	170.00	150.00	14.60	SW/RS/726/17014.6
66	180.00	160.00	14.60	SW/RS/726/18014.6
67	185.00	160.00	14.60	SW/RS/726/18514.6
68	200.00	180.00	14.60	SW/RS/726/20014.6



ROD SEAL -- SW/RS-731



SW/RS-731 is made of PU with rubber energiser, which ensures proper sealing during pressure spikes and primary sealing lips to maintain contact under low pressure, and Acetal anti extrusion rings to withstand side loads and pressure spikes. SW/RS-731 series is widely used for heavy duty mining applications using water-based fluids. **SW/RS/-731B**, profile has same applications without acetal ring.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
10000 PSI	PU	Low friction	Heavy Duty Cycle
TEMPERATURE RANGE	Nitrile	Improved stability	
For Hydraulic Oils- (50)-+250° F	Acetal	High Pressure capability	
For Water based fluids- (32)-+140° F		Shock load capability	
VELOCITY			
3.2 Feet/Sec			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



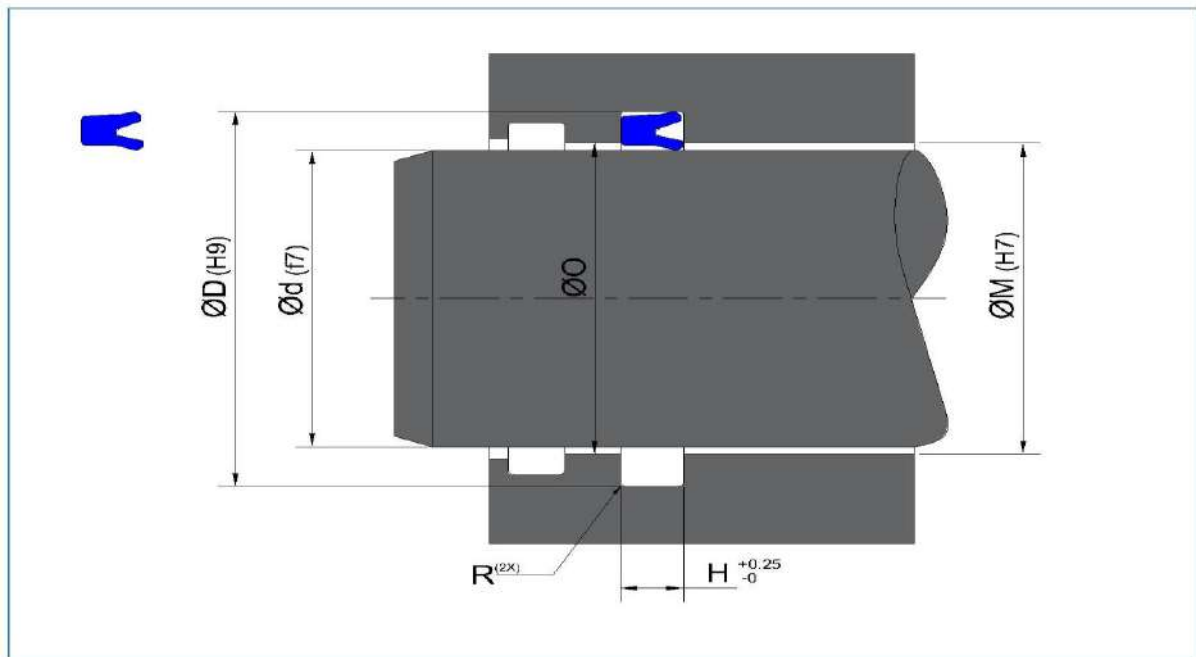
SINTA STANDARD DIMENSIONS

SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	44.00	32.00	8.70	SW/RS/731/-44X8.7
2	52.00	40.00	8.70	SW/RS/731/-52X8.7
3	62.00	50.00	8.70	SW/RS/731/-62X8.7
4	69.80	60.00	11.40	SW/RS/731/-69.8X11.4
5	72.00	60.00	8.70	SW/RS/731/-72X8.7
6	75.00	60.00	11.90	SW/RS/731/-75X11.9
7	75.00	63.00	8.70	SW/RS/731/-75X8.7
8	82.00	70.00	8.70	SW/RS/731/-82X8.7
9	95.00	75.00	12.50	SW/RS/731/-95X12.5
10	95.00	80.00	11.80	SW/RS/731/-95X11.8
11	95.00	80.00	14.50	SW/RS/731/-95X14.5
12	97.00	85.00	8.70	SW/RS/731/-97X8.7
13	105.00	90.00	11.80	SW/RS/731/-105X11.8
14	105.00	90.00	14.50	SW/RS/731/-105X14.5
15	115.00	100.00	11.00	SW/RS/731/-115X11
16	115.00	100.00	14.50	SW/RS/731/-115X14.5
17	120.00	105.00	11.80	SW/RS/731/-120X11.8
18	120.00	105.00	14.50	SW/RS/731/-120X14.5
19	125.00	110.00	14.50	SW/RS/731/-125X14.5
20	130.00	115.00	14.50	SW/RS/731/-130X14.5
21	135.00	120.00	14.50	SW/RS/731/-135X14.5
22	140.00	125.00	14.50	SW/RS/731/-140X14.5
23	143.00	128.00	14.50	SW/RS/731/-143X14.5
24	145.00	130.00	14.50	SW/RS/731/-145X14.5
25	155.00	135.00	13.60	SW/RS/731/-155X13.6
26	155.00	140.00	14.50	SW/RS/731/-155X14.5
27	165.00	150.00	14.50	SW/RS/731/-165X14.5
28	175.00	160.00	11.70	SW/RS/731/-175X11.7
29	175.00	160.00	14.50	SW/RS/731/-175X14.5
30	177.00	160.00	14.50	SW/RS/731/-177X14.5
31	185.00	160.00	18.80	SW/RS/731/-185X18.8
32	182.00	165.00	14.50	SW/RS/731/-182X14.5
33	185.00	170.00	14.50	SW/RS/731/-185X14.5
34	192.00	177.00	14.50	SW/RS/731/-192X14.5
35	195.00	180.00	14.50	SW/RS/731/-195X14.5
36	200.00	185.00	14.50	SW/RS/731/-200X14.5
37	210.00	185.00	18.00	SW/RS/731/-210X18
38	205.00	190.00	14.50	SW/RS/731/-205X14.5
39	210.00	195.00	14.50	SW/RS/731/-210X14.5
40	215.00	195.00	14.50	SW/RS/731/-215X14.5
41	220.00	200.00	14.50	SW/RS/731/-220X14.5
42	220.00	205.00	14.50	SW/RS/731/-220X14.5
43	230.00	210.00	14.50	SW/RS/731/-230X14.5
44	235.00	220.00	14.50	SW/RS/731/-235X14.5
45	240.00	220.00	14.50	SW/RS/731/-240X14.5
46	240.00	225.00	14.50	SW/RS/731/-240X14.5

47	250.00	225.00	18.00	SW/RS/731/-250X18
48	247.00	230.00	14.50	SW/RS/731/-247X14.5
49	249.30	230.00	14.50	SW/RS/731/-249.3X14.5
50	250.00	230.00	14.50	SW/RS/731/-250X14.5
51	255.00	230.00	22.80	SW/RS/731/-255X22.8
52	255.00	235.00	14.50	SW/RS/731/-255X14.5
53	260.00	240.00	14.50	SW/RS/731/-260X14.5
54	270.00	245.00	18.00	SW/RS/731/-270X18
55	270.00	250.00	14.50	SW/RS/731/-270X14.5
56	275.00	255.00	14.50	SW/RS/731/-275X14.5
57	280.00	260.00	16.40	SW/RS/731/-280X16.4
58	285.00	265.00	14.50	SW/RS/731/-285X14.5
59	295.00	275.00	14.50	SW/RS/731/-295X14.5
60	300.00	280.00	14.50	SW/RS/731/-300X14.5
61	305.00	285.00	16.40	SW/RS/731/-305X16.4
62	310.00	285.00	18.00	SW/RS/731/-310X18
63	310.00	290.00	16.40	SW/RS/731/-310X16.4
64	315.00	290.00	18.00	SW/RS/731/-315X18
65	315.00	295.00	16.40	SW/RS/731/-315X16.4
66	320.00	300.00	14.50	SW/RS/731/-320X14.5
67	325.00	305.00	16.40	SW/RS/731/-325X16.4
68	330.00	305.00	18.00	SW/RS/731/-330X18
69	335.00	305.00	16.40	SW/RS/731/-335X16.4
70	340.00	320.00	14.50	SW/RS/731/-340X14.5
71	340.00	320.00	16.40	SW/RS/731/-340X16.4
72	355.00	325.00	18.00	SW/RS/731/-355X18
73	350.00	330.00	16.40	SW/RS/731/-350X16.4
74	355.00	335.00	16.40	SW/RS/731/-355X16.4
75	360.00	335.00	18.00	SW/RS/731/-360X18
76	360.00	340.00	18.50	SW/RS/731/-360X18.5
77	365.00	340.00	18.00	SW/RS/731/-365X18
78	375.00	350.00	18.00	SW/RS/731/-375X18
79	380.00	355.00	18.00	SW/RS/731/-380X18
80	385.00	360.00	18.00	SW/RS/731/-385X18
81	395.00	370.00	18.00	SW/RS/731/-395X18
82	405.00	380.00	18.00	SW/RS/731/-405X18
83	415.00	390.00	18.00	SW/RS/731/-415X18
84	420.00	395.00	18.00	SW/RS/731/-420X18
85	425.00	400.00	18.00	SW/RS/731/-425X18
86	435.00	410.00	18.00	SW/RS/731/-435X18
87	445.00	415.00	20.50	SW/RS/731/-445X20.5
88	455.00	430.00	18.00	SW/RS/731/-455X18
89	475.00	445.00	20.50	SW/RS/731/-475X20.5
90	495.00	470.00	18.00	SW/RS/731/-495X18
91	515.00	490.00	18.00	SW/RS/731/-515X18



ROD SEAL -- SW/RS-736



SW/RS-736 is a single lip PU Rod seal for light duty applications, SW/RS-736 series can also be used for heavy-duty applications using full depth back-up ring.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
5500-6000 PSI/10000 PSI Max with Back up ring	PU	Excellent wear resistance	Material handling
TEMPERATURE RANGE		Can withstand wide range of temperature and very effective in low temperature.	Mobile Hydraulics
(50)-+250° F		Improved stability	Medium duty cycle
VELOCITY		Easy to install	Light duty cycle
3.2 Feet/Sec			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



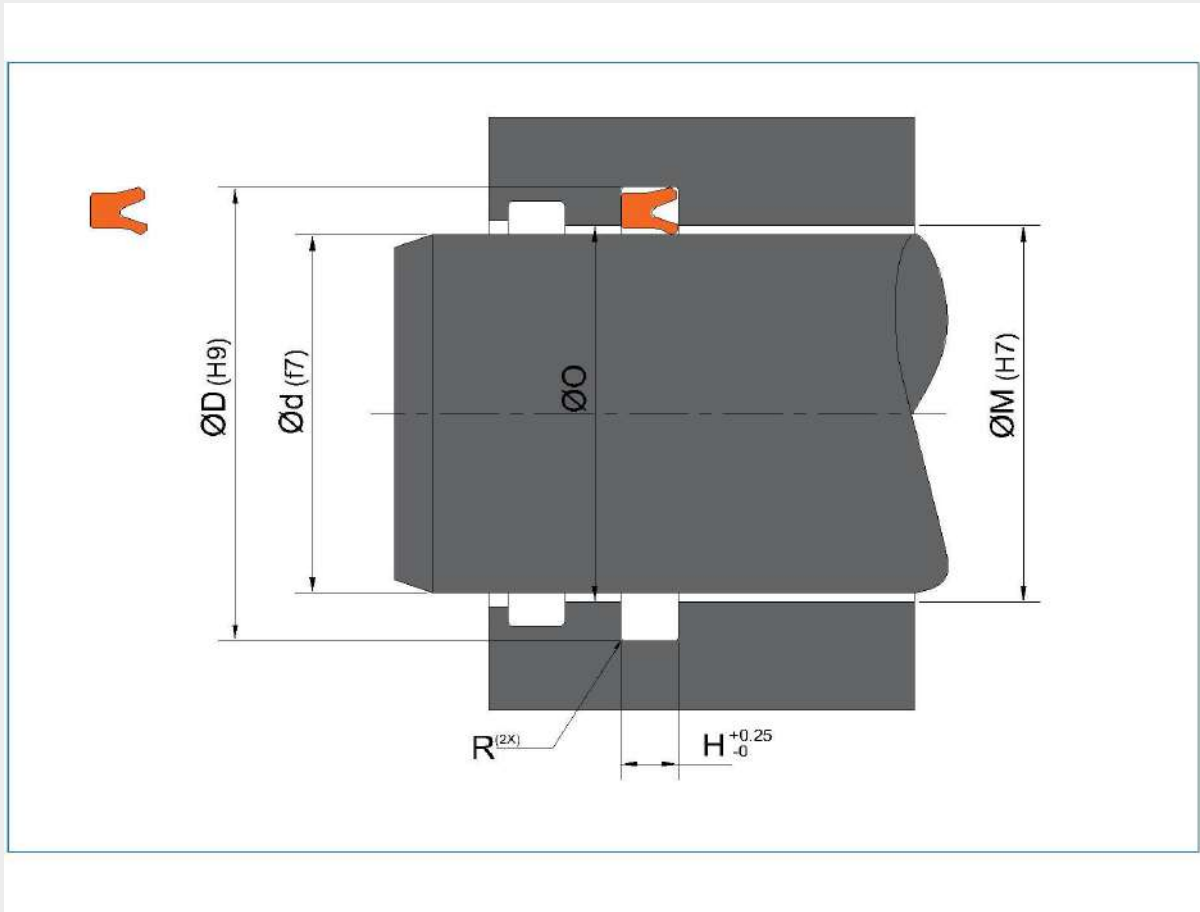
SINTA STANDARD DIMENSIONS				
SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	22.00	12.00	7.30	SW/RS/736/-22X7.3
2	24.00	14.00	8.20	SW/RS/736/-24X8.2
3	24.00	16.00	5.70	SW/RS/736/-24X5.7
4	26.00	16.00	7.30	SW/RS/736/-26X7.3
5	26.00	18.00	5.70	SW/RS/736/-26X5.7
6	28.00	20.00	5.70	SW/RS/736/-28X5.7
7	30.00	20.00	7.30	SW/RS/736/-30X7.3
8	32.00	22.00	7.30	SW/RS/736/-32X7.3
9	34.00	24.00	7.80	SW/RS/736/-34X7.8
10	31.00	25.00	4.90	SW/RS/736/-31X4.9
11	33.00	25.00	5.70	SW/RS/736/-33X5.7
12	35.00	25.00	7.30	SW/RS/736/-35X7.3
13	40.00	25.00	10.00	SW/RS/736/-40X10
14	36.00	26.00	10.00	SW/RS/736/-36X10
15	36.00	28.00	5.70	SW/RS/736/-36X5.7
16	38.00	30.00	5.70	SW/RS/736/-38X5.7
17	38.00	30.00	8.20	SW/RS/736/-38X8.2
18	40.00	30.00	7.30	SW/RS/736/-40X7.3
19	40.00	30.00	10.00	SW/RS/736/-40X10
20	45.00	30.00	10.00	SW/RS/736/-45X10
21	40.00	32.00	5.70	SW/RS/736/-40X5.7
22	42.00	32.00	7.30	SW/RS/736/-42X7.3
23	43.00	35.00	5.70	SW/RS/736/-43X5.7
24	45.00	35.00	7.30	SW/RS/736/-45X7.3
25	45.00	35.00	10.00	SW/RS/736/-45X10
26	44.00	36.00	5.80	SW/RS/736/-44X5.8
27	44.00	36.00	8.20	SW/RS/736/-44X8.2
28	46.00	36.00	7.30	SW/RS/736/-46X7.3
29	48.00	40.00	5.70	SW/RS/736/-48X5.7
30	48.00	40.00	8.20	SW/RS/736/-48X8.2
31	50.00	40.00	7.30	SW/RS/736/-50X7.3
32	50.00	40.00	8.20	SW/RS/736/-50X8.2
33	50.00	40.00	10.00	SW/RS/736/-50X10
34	53.00	45.00	8.20	SW/RS/736/-53X8.2
35	55.00	45.00	7.30	SW/RS/736/-55X7.3
36	55.00	45.00	10.00	SW/RS/736/-55X10
37	57.00	50.00	9.00	SW/RS/736/-57X9
38	58.00	50.00	8.20	SW/RS/736/-58X8.2
39	60.00	50.00	7.30	SW/RS/736/-60X7.3
40	60.00	50.00	10.00	SW/RS/736/-60X10



41	65.00	50.00	11.40	SW/RS/736/-65X11.4
42	64.00	54.00	10.00	SW/RS/736/-64X10
43	65.00	55.00	10.00	SW/RS/736/-65X10
44	67.00	55.00	10.00	SW/RS/736/-67X10
45	66.00	56.00	10.00	SW/RS/736/-66X10
46	68.00	60.00	8.20	SW/RS/736/-68X8.2
47	70.00	60.00	7.30	SW/RS/736/-70X7.3
48	70.00	60.00	10.00	SW/RS/736/-70X10
49	70.00	60.00	11.80	SW/RS/736/-70X11.8
50	75.00	60.00	11.40	SW/RS/736/-75X11.4
51	73.00	63.00	7.30	SW/RS/736/-73X7.3
52	75.00	65.00	11.80	SW/RS/736/-75X11.8
53	80.00	65.00	11.40	SW/RS/736/-80X11.4
54	85.00	70.00	11.40	SW/RS/736/-85X11.4
55	85.00	75.00	11.80	SW/RS/736/-85X11.8
56	95.00	75.00	14.50	SW/RS/736/-95X14.5
57	90.00	80.00	11.80	SW/RS/736/-90X11.8
58	100.00	80.00	14.50	SW/RS/736/-100X14.5
59	97.00	85.00	8.70	SW/RS/736/-97X8.7
60	100.00	85.00	11.80	SW/RS/736/-100X11.8
61	115.00	100.00	11.80	SW/RS/736/-115X11.8



ROD SEAL -- SW/RS-740



SW/RS-740 is a single lip PU Rod seal for light and medium duty applications, SW/RS-740 series can also be used for heavy-duty applications using full depth back-up ring.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
5500-6000 PSI/10000 PSI Max with Back up ring	PU	Excellent wear resistance	Material handling
TEMPERATURE RANGE		Can withstand wide range of temperature and very effective in low temperature	Mobile Hydraulics
(50)-+250° F		Low friction	Medium duty cycle
		Easy to install	Light duty cycle
VELOCITY			
3.2 Feet/Sec			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



SINTA STANDARD DIMENSIONS				
SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	43.00	30.00	10.00	SW/RS/740/-43X10
2	45.00	30.00	10.00	SW/RS/740/-45X10
3	42.00	32.00	6.00	SW/RS/740/-42X6
4	45.00	35.00	6.00	SW/RS/740/-45X6
5	50.00	35.00	10.00	SW/RS/740/-50X10
6	50.00	40.00	6.00	SW/RS/740/-50X6
7	50.00	40.00	9.00	SW/RS/740/-50X9
8	55.00	40.00	10.00	SW/RS/740/-55X10
9	55.00	45.00	6.00	SW/RS/740/-55X6
10	60.00	50.00	8.00	SW/RS/740/-60X8
11	63.00	50.00	9.00	SW/RS/740/-63X9
12	65.00	50.00	10.00	SW/RS/740/-65X10
13	65.00	55.00	8.00	SW/RS/740/-65X8
14	68.00	55.00	10.00	SW/RS/740/-68X10
15	70.00	55.00	9.00	SW/RS/740/-70X9
16	70.00	55.00	10.00	SW/RS/740/-70X10
17	73.00	60.00	10.00	SW/RS/740/-73X10
18	75.00	60.00	9.00	SW/RS/740/-75X9
19	75.00	60.00	10.00	SW/RS/740/-75X10
20	78.00	63.00	10.00	SW/RS/740/-78X10
21	78.00	65.00	10.00	SW/RS/740/-78X10
22	80.00	65.00	9.00	SW/RS/740/-80X9
23	80.00	65.00	10.00	SW/RS/740/-80X10
24	83.00	70.00	10.00	SW/RS/740/-83X10
25	85.00	70.00	9.00	SW/RS/740/-85X9
26	88.00	75.00	10.00	SW/RS/740/-88X10
27	90.00	75.00	9.00	SW/RS/740/-90X9
28	90.00	75.00	10.00	SW/RS/740/-90X10
29	93.00	80.00	10.00	SW/RS/740/-93X10
30	95.00	80.00	9.00	SW/RS/740/-95X9
31	95.00	80.00	10.00	SW/RS/740/-95X10
32	100.00	80.00	12.00	SW/RS/740/-100X12
33	100.00	85.00	9.00	SW/RS/740/-100X9
34	100.00	85.00	10.00	SW/RS/740/-100X10
35	105.00	85.00	12.00	SW/RS/740/-105X12
36	105.00	90.00	9.00	SW/RS/740/-105X9
37	105.00	90.00	10.00	SW/RS/740/-105X10
38	110.00	90.00	12.00	SW/RS/740/-110X12
39	110.00	95.00	9.00	SW/RS/740/-110X9
40	110.00	95.00	10.00	SW/RS/740/-110X10

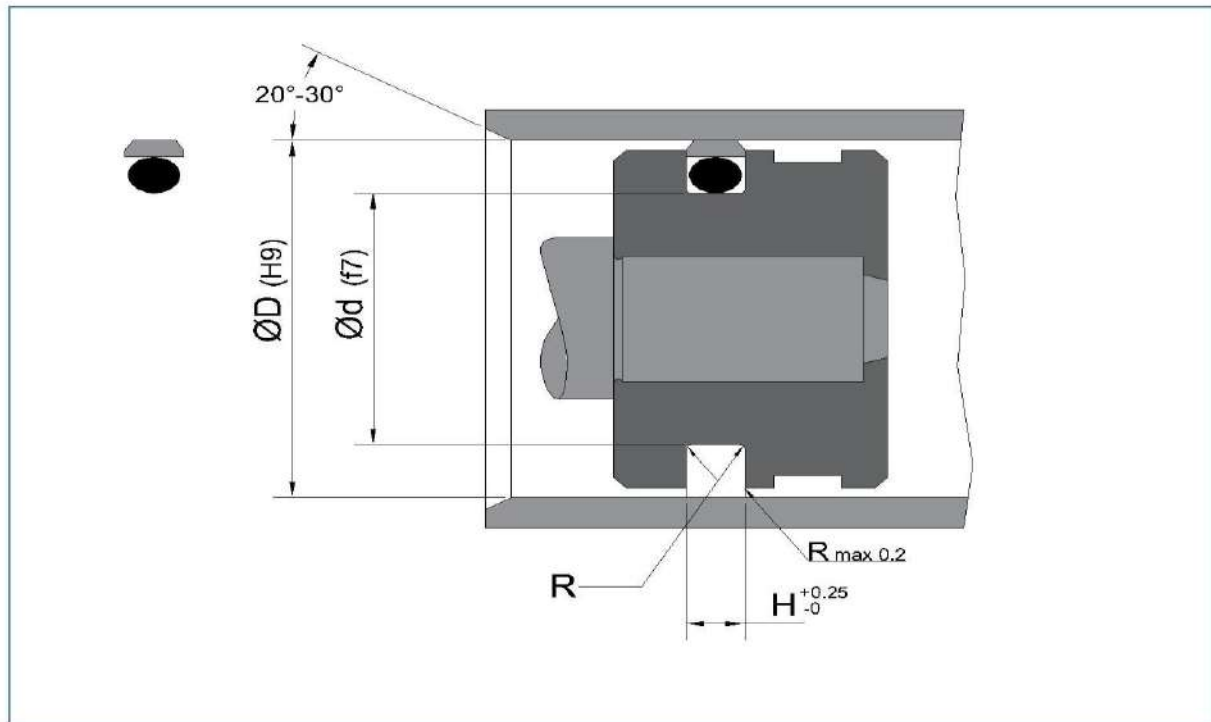


41	115.00	95.00	12.00	SW/RS/740/-115X12
42	115.00	100.00	9.00	SW/RS/740/-115X9
43	115.00	100.00	10.00	SW/RS/740/-115X10
44	120.00	100.00	12.00	SW/RS/740/-120X12
45	120.00	105.00	9.00	SW/RS/740/-120X9
46	120.00	105.00	10.00	SW/RS/740/-120X10
47	125.00	105.00	12.00	SW/RS/740/-125X12
48	125.00	110.00	9.00	SW/RS/740/-125X9
49	125.00	110.00	10.00	SW/RS/740/-125X10
50	130.00	110.00	12.00	SW/RS/740/-130X12
51	130.00	115.00	9.00	SW/RS/740/-130X9
52	135.00	115.00	12.00	SW/RS/740/-135X12
53	135.00	115.00	15.00	SW/RS/740/-135X15
54	135.00	120.00	9.00	SW/RS/740/-135X9
55	140.00	120.00	12.00	SW/RS/740/-140X12
56	145.00	125.00	12.00	SW/RS/740/-145X12
57	150.00	130.00	16.00	SW/RS/740/-150X16



PISTON SEAL

PISTON SEAL (GLYD RING) -- [SW/GL-754](#)



SW/GL consists of 1 seal ring and 1 energiser O'- ring for sealing pistons

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
10000 PSI	Filled PTFE		
	Br/Carbon/Moly	Lower friction	Mobile Hydraulics
TEMPERATURE RANGE		High abrasion resistance	Agricultural
(65)-+400° F	O'Ring	Longer life	General industrial
VELOCITY	Nitrile		Heavy duty
3.2 Feet/Sec	Viton		
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



SINTA STANDARD DIMENSIONS				
SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	8.00	3.10	2.20	SW/GR/754/-8X2.2
2	10.00	5.10	2.20	SW/GR/754/-10X2.2
3	12.00	7.10	2.20	SW/GR/754/-12X2.2
4	12.00	4.50	3.20	SW/GR/754/-12X3.2
5	14.00	9.10	2.20	SW/GR/754/-14X2.2
6	15.00	10.10	2.20	SW/GR/754/-15X2.2
7	15.00	7.50	3.20	SW/GR/754/-15X3.2
8	16.00	8.50	3.20	SW/GR/754/-16X3.2
9	16.00	11.10	2.20	SW/GR/754/-16X2.2
10	18.00	10.50	3.20	SW/GR/754/-18X3.2
11	19.00	11.50	3.20	SW/GR/754/-19X3.2
12	20.00	12.50	3.20	SW/GR/754/-20X3.2
13	20.00	15.10	2.20	SW/GR/754/-20X2.2
14	22.00	14.50	3.20	SW/GR/754/-22X3.2
15	24.00	16.50	3.20	SW/GR/754/-24X3.2
16	25.00	17.50	3.20	SW/GR/754/-25X3.2
17	25.00	14.00	4.20	SW/GR/754/-25X4.2
18	27.00	19.50	3.20	SW/GR/754/-27X3.2
19	28.00	20.50	3.20	SW/GR/754/-28X3.2
20	28.00	17.00	4.20	SW/GR/754/-28X4.2
21	30.00	22.50	3.20	SW/GR/754/-30X3.2
22	30.00	19.00	4.20	SW/GR/754/-30X4.2
23	32.00	24.50	3.20	SW/GR/754/-32X3.2
24	32.00	21.00	4.20	SW/GR/754/-32X4.2
25	35.00	27.50	3.20	SW/GR/754/-35X3.2
26	35.00	24.00	4.20	SW/GR/754/-35X4.2
27	36.00	28.50	3.20	SW/GR/754/-36X3.2
28	36.00	25.00	4.20	SW/GR/754/-36X4.2
29	38.00	30.50	3.20	SW/GR/754/-38X3.2
30	38.00	27.00	4.20	SW/GR/754/-38X4.2
31	40.00	32.50	3.20	SW/GR/754/-40X3.2
32	40.00	29.00	4.20	SW/GR/754/-40X4.2
33	42.00	31.00	4.20	SW/GR/754/-42X4.2
34	45.00	37.50	3.20	SW/GR/754/-45X3.2
35	45.00	34.00	4.20	SW/GR/754/-45X4.2
36	48.00	40.50	3.20	SW/GR/754/-48X3.2
37	48.00	37.00	4.20	SW/GR/754/-48X4.2
38	50.00	39.00	4.20	SW/GR/754/-50X4.2
39	50.00	34.50	6.30	SW/GR/754/-50X6.3



40	50.00	42.00	3.20	SW/GR/754/-50X3.2
41	52.00	41.00	4.20	SW/GR/754/-52X4.2
42	52.00	36.50	6.30	SW/GR/754/-52X6.3
43	55.00	44.00	4.20	SW/GR/754/-55X4.2
44	55.00	39.50	6.30	SW/GR/754/-55X6.3
45	56.00	45.00	4.20	SW/GR/754/-56X4.2
46	56.00	40.50	6.30	SW/GR/754/-56X6.3
47	60.00	49.00	4.20	SW/GR/754/-60X4.2
48	60.00	44.50	6.30	SW/GR/754/-60X6.3
49	63.00	52.00	4.20	SW/GR/754/-63X4.2
50	63.00	47.50	6.30	SW/GR/754/-63X6.3
51	63.50	52.50	4.20	SW/GR/754/-63.5X4.2
52	64.00	53.00	4.20	SW/GR/754/-64X4.2
53	64.00	48.50	6.30	SW/GR/754/-64X6.3
54	65.00	54.00	4.20	SW/GR/754/-65X4.2
55	65.00	49.50	6.30	SW/GR/754/-65X6.3
56	70.00	59.00	4.20	SW/GR/754/-70X4.2
57	70.00	54.50	6.30	SW/GR/754/-70X6.3
58	75.00	64.00	4.20	SW/GR/754/-75X4.2
59	75.00	59.50	6.30	SW/GR/754/-75X6.3
60	75.00	54.00	8.10	SW/GR/754/-75X8.1
61	76.20	60.70	6.30	SW/GR/754/-76.2X6.3
62	80.00	69.00	4.20	SW/GR/754/-80X4.2
63	80.00	64.50	6.30	SW/GR/754/-80X6.3
64	80.00	59.00	8.10	SW/GR/754/-80X8.1
65	84.00	74.00	4.20	SW/GR/754/-84X4.2
66	85.00	69.50	6.30	SW/GR/754/-85X6.3
67	85.00	74.00	4.20	SW/GR/754/-85X4.2
68	85.00	64.00	8.10	SW/GR/754/-85X8.1
69	88.90	73.40	6.30	SW/GR/754/-88.9X6.3
70	90.00	79.00	4.20	SW/GR/754/-90X4.2
71	90.00	74.50	6.30	SW/GR/754/-90X6.3
72	90.00	69.00	8.10	SW/GR/754/-90X8.1
73	95.00	64.00	4.20	SW/GR/754/-95X4.2
74	95.00	84.00	4.20	SW/GR/754/-95X4.2
75	95.00	79.50	6.30	SW/GR/754/-95X6.3
76	95.00	74.00	8.10	SW/GR/754/-95X8.1
77	100.00	89.00	4.20	SW/GR/754/-100X4.2
78	100.00	84.50	6.30	SW/GR/754/-100X6.3
79	100.00	79.00	8.10	SW/GR/754/-100X8.1
80	101.60	86.10	6.30	SW/GR/754/-101.6X6.3
81	105.00	94.00	4.20	SW/GR/754/-105X4.2
82	105.00	89.50	6.30	SW/GR/754/-105X6.3
83	105.00	84.00	8.10	SW/GR/754/-105X8.1
84	110.00	99.00	4.20	SW/GR/754/-110X4.2
85	110.00	94.50	6.30	SW/GR/754/-110X6.3

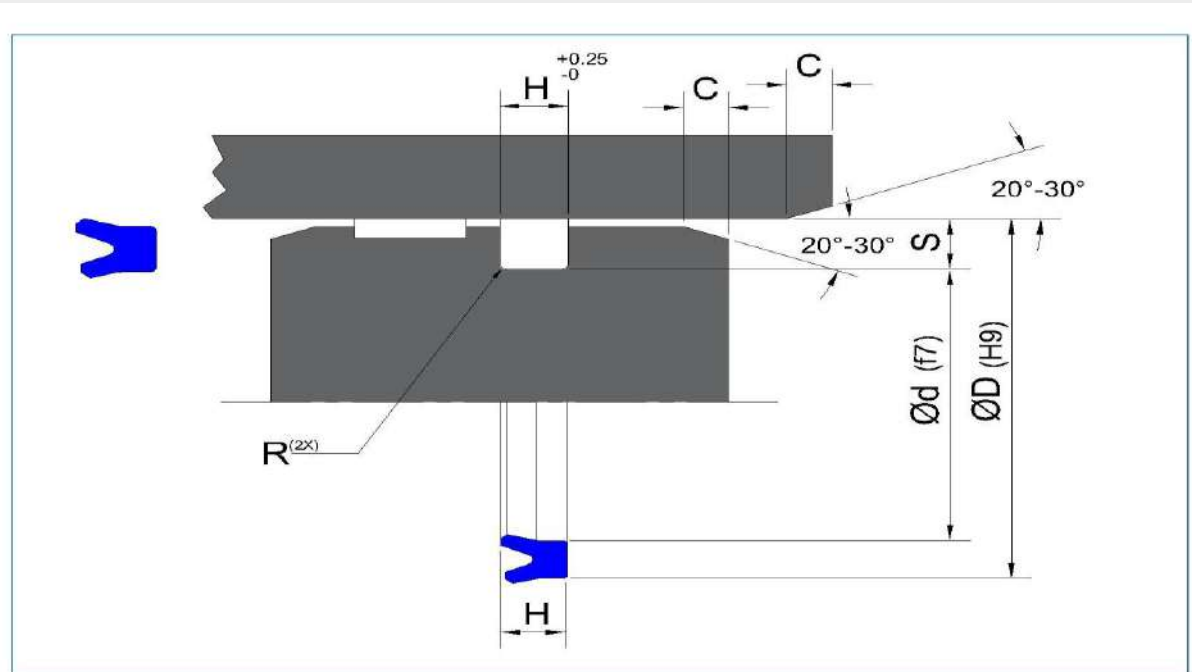


86	110.00	89.00	8.10	SW/GR/754/-110X8.1
87	114.30	98.80	6.30	SW/GR/754/-114.3X6.3
88	115.00	104.00	4.20	SW/GR/754/-115X4.2
89	115.00	99.50	6.30	SW/GR/754/-115X6.3
90	115.00	94.00	8.10	SW/GR/754/-115X8.1
91	120.00	109.00	4.20	SW/GR/754/-120X4.2
92	120.00	99.00	8.10	SW/GR/754/-120X8.1
93	120.00	104.50	6.30	SW/GR/754/-120X6.3
94	125.00	114.00	4.20	SW/GR/754/-125X4.2
95	125.00	109.50	6.30	SW/GR/754/-125X6.3
96	125.00	104.00	8.10	SW/GR/754/-125X8.1
97	127.00	111.50	6.30	SW/GR/754/-127X6.3
98	130.00	114.50	6.30	SW/GR/754/-130X6.3
99	130.00	109.00	8.10	SW/GR/754/-130X8.1
100	135.00	119.50	6.30	SW/GR/754/-135X6.3
101	135.00	114.00	8.10	SW/GR/754/-135X8.1
102	140.00	124.50	6.30	SW/GR/754/-140X6.3
103	140.00	119.00	8.10	SW/GR/754/-140X8.1
104	145.00	129.50	6.30	SW/GR/754/-145X6.3
105	145.00	124.00	8.10	SW/GR/754/-145X8.1
106	150.00	129.00	8.10	SW/GR/754/-150X8.1
107	150.00	134.50	6.30	SW/GR/754/-150X6.3
108	155.00	134.00	8.10	SW/GR/754/-155X8.1
109	155.00	139.50	6.30	SW/GR/754/-155X6.3
110	160.00	144.50	6.30	SW/GR/754/-160X6.3
111	160.00	139.00	8.10	SW/GR/754/-160X8.1
112	165.00	149.50	6.30	SW/GR/754/-165X6.3
113	165.00	144.00	8.10	SW/GR/754/-165X8.1
114	170.00	154.50	6.30	SW/GR/754/-170X6.3
115	170.00	149.00	8.10	SW/GR/754/-170X8.1
116	175.00	159.50	6.30	SW/GR/754/-175X6.3
117	175.00	154.00	8.10	SW/GR/754/-175X8.1
118	180.00	164.50	6.30	SW/GR/754/-180X6.3
119	180.00	159.00	8.10	SW/GR/754/-180X8.1
120	185.00	169.50	6.30	SW/GR/754/-185X6.3
121	185.00	164.00	8.10	SW/GR/754/-185X8.1
122	190.00	174.50	6.30	SW/GR/754/-190X6.3
123	190.00	169.00	8.10	SW/GR/754/-190X8.1
124	195.00	179.50	6.30	SW/GR/754/-195X6.3
125	195.00	174.00	8.10	SW/GR/754/-195X8.1
126	200.00	184.50	6.30	SW/GR/754/-200X6.3
127	200.00	179.00	8.10	SW/GR/754/-200X8.1
128	205.00	189.50	6.30	SW/GR/754/-205X6.3
129	205.00	184.00	8.10	SW/GR/754/-205X8.1
130	210.00	189.00	8.10	SW/GR/754/-210X8.1
131	215.00	194.00	8.10	SW/GR/754/-215X8.1

132	220.00	204.50	6.30	SW/GR/754/-220X6.3
133	220.00	199.00	8.10	SW/GR/754/-220X8.1
134	225.00	204.00	8.10	SW/GR/754/-225X8.1
135	230.00	209.00	8.10	SW/GR/754/-230X8.1
136	235.00	214.00	8.10	SW/GR/754/-235X8.1
137	240.00	224.50	6.30	SW/GR/754/-240X6.3
138	240.00	219.00	8.10	SW/GR/754/-240X8.1
139	245.00	224.00	8.10	SW/GR/754/-245X8.1
140	250.00	229.00	8.10	SW/GR/754/-250X8.1
141	260.00	244.50	6.30	SW/GR/754/-260X6.3
142	260.00	239.00	8.10	SW/GR/754/-260X8.1
143	265.00	244.00	8.10	SW/GR/754/-265X8.1
144	270.00	254.00	6.30	SW/GR/754/-270X6.3
145	270.00	249.00	8.10	SW/GR/754/-270X8.1
146	275.00	254.00	8.10	SW/GR/754/-275X8.1
147	280.00	259.00	8.10	SW/GR/754/-280X8.1
148	285.00	264.00	8.10	SW/GR/754/-285X8.1
149	290.00	269.00	8.10	SW/GR/754/-290X8.1
150	300.00	279.00	8.10	SW/GR/754/-300X8.1
151	305.00	284.00	8.10	SW/GR/754/-305X8.1
152	310.00	289.00	8.10	SW/GR/754/-310X8.1
153	320.00	299.00	8.10	SW/GR/754/-320X8.1
154	325.00	304.00	8.10	SW/GR/754/-325X8.1
155	330.00	305.50	8.10	SW/GR/754/-330X8.1
156	335.00	310.50	8.10	SW/GR/754/-335X8.1
157	340.00	315.50	8.10	SW/GR/754/-340X8.1
158	350.00	325.50	8.10	SW/GR/754/-350X8.1
159	360.00	335.50	8.10	SW/GR/754/-360X8.1
160	365.00	340.50	8.10	SW/GR/754/-365X8.1
161	370.00	345.50	8.10	SW/GR/754/-370X8.1
162	375.00	350.50	8.10	SW/GR/754/-375X8.1
163	380.00	355.50	8.10	SW/GR/754/-380X8.1
164	390.00	365.50	8.10	SW/GR/754/-390X8.1
165	400.00	375.50	8.10	SW/GR/754/-400X8.1
166	410.00	385.50	8.10	SW/GR/754/-410X8.1
167	420.00	395.50	8.10	SW/GR/754/-420X8.1
168	425.00	400.50	8.10	SW/GR/754/-425X8.1
169	430.00	405.50	8.10	SW/GR/754/-430X8.1
170	435.00	410.50	8.10	SW/GR/754/-435X8.1
171	440.00	415.50	8.10	SW/GR/754/-440X8.1
172	450.00	425.50	8.10	SW/GR/754/-450X8.1
173	460.00	435.50	8.10	SW/GR/754/-460X8.1
174	470.00	445.50	8.10	SW/GR/754/-470X8.1
175	480.00	455.50	8.10	SW/GR/754/-480X8.1
176	490.00	465.50	8.10	SW/GR/754/-490X8.1
177	500.00	475.50	8.10	SW/GR/754/-500X8.1



PISTON SEAL -- SW/PS-074



SW/PS-074 is a single lip PU PISTON seal for light and medium duty applications, SW/PS-074 series can also be used for heavy-duty applications using full depth back-up ring. This range supports most of the standard housings of Asia Pacific, North America and Europe. This seal is recommended for single-acting piston seal applications, it can also be applied in double acting piston grooves.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
5500-6000 PSI/10000 PSI Max with Back up ring	PU	Excellent wear resistance	Material handling
TEMPERATURE RANGE		Can withstand wide range of temperature and very effective in low temperature	Mobile Hydraulics
(50)-+250° F		Low friction	Medium duty cycle
		Easy to install	Light duty cycle
VELOCITY			
3.2 Feet/Sec			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



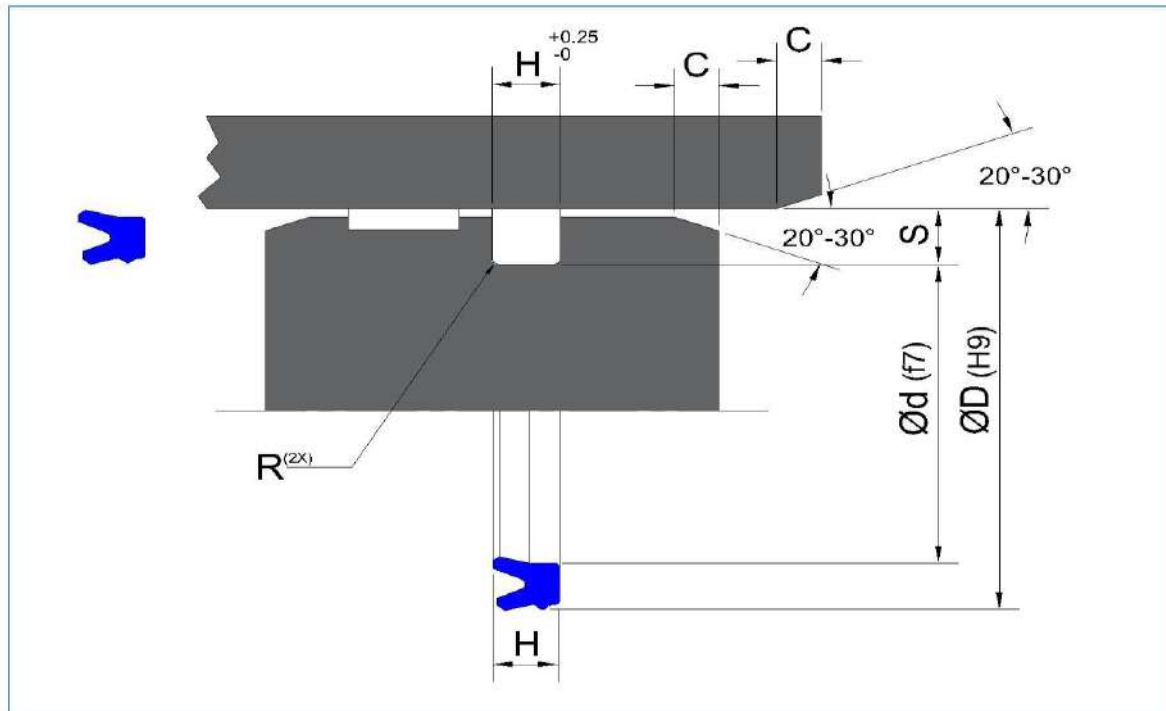
SINTA STANDARD DIMENSIONS				
SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	16.00	10.00	6.30	SW/PS/074/-16X6.3
2	25.00	15.00	9.00	SW/PS/074/-25X9
3	25.00	17.00	6.30	SW/PS/074/-25X6.3
4	30.00	20.00	9.00	SW/PS/074/-30X9
5	32.00	24.00	6.30	SW/PS/074/-32X6.3
6	35.00	25.00	8.00	SW/PS/074/-35X8
7	37.00	21.00	13.00	SW/PS/074/-37X13
8	38.00	31.00	6.00	SW/PS/074/-38X6
9	40.00	28.00	10.00	SW/PS/074/-40X10
10	40.00	30.00	8.00	SW/PS/074/-40X8
11	40.00	30.00	11.00	SW/PS/074/-40X11
12	45.00	35.00	8.00	SW/PS/074/-45X8
13	50.00	35.00	10.00	SW/PS/074/-50X10
14	50.00	39.00	4.20	SW/PS/074/-50X4.2
15	50.00	40.00	8.00	SW/PS/074/-50X8
16	55.00	45.00	8.00	SW/PS/074/-55X8
17	56.00	45.00	8.00	SW/PS/074/-56X8
18	60.00	44.90	6.30	SW/PS/074/-60X6.3
19	60.00	45.00	11.00	SW/PS/074/-60X11
20	60.00	50.00	10.00	SW/PS/074/-60X10
21	63.00	48.00	10.00	SW/PS/074/-63X10
22	63.00	48.00	12.50	SW/PS/074/-63X12.5
23	63.00	53.00	8.00	SW/PS/074/-63X8
24	63.00	53.00	13.00	SW/PS/074/-63X13
25	65.00	55.00	8.00	SW/PS/074/-65X8
26	70.00	55.00	11.00	SW/PS/074/-70X11
27	70.00	60.00	9.00	SW/PS/074/-70X9
28	71.00	61.00	7.00	SW/PS/074/-71X7
29	75.00	67.00	6.30	SW/PS/074/-75X6.3
30	75.00	67.00	9.70	SW/PS/074/-75X9.7
31	76.20	66.20	8.00	SW/PS/074/-76.2X8
32	80.00	65.00	12.50	SW/PS/074/-80X12.5
33	80.00	70.00	7.00	SW/PS/074/-80X7
34	80.00	70.00	7.50	SW/PS/074/-80X7.5
35	80.00	70.00	9.00	SW/PS/074/-80X9
36	80.00	70.00	12.80	SW/PS/074/-80X12.8
37	85.00	75.00	9.00	SW/PS/074/-85X9
38	85.70	70.70	11.40	SW/PS/074/-85.7X11.4
39	90.00	80.00	12.00	SW/PS/074/-90X12



40	100.00	80.00	11.60	SW/PS/074/-100X11.6
41	100.00	85.00	10.00	SW/PS/074/-100X10
42	100.00	85.00	12.50	SW/PS/074/-100X12.5
43	100.00	85.00	13.00	SW/PS/074/-100X13
44	100.00	90.00	7.50	SW/PS/074/-100X7.5
45	110.00	100.00	9.00	SW/PS/074/-110X9
46	120.00	100.00	13.00	SW/PS/074/-120X13
47	125.00	105.00	16.00	SW/PS/074/-125X16
48	150.00	130.00	16.00	SW/PS/074/-150X16
49	150.00	140.00	15.00	SW/PS/074/-150X15
50	160.00	140.00	16.00	SW/PS/074/-160X16
51	160.00	140.00	20.00	SW/PS/074/-160X20
52	170.00	150.00	16.50	SW/PS/074/-170X16.5
53	180.00	160.00	16.50	SW/PS/074/-180X16.5
54	190.00	170.00	16.50	SW/PS/074/-190X16.5
55	200.00	180.00	16.00	SW/PS/074/-200X16
56	280.00	260.00	17.00	SW/PS/074/-280X17
57	305.00	275.00	25.00	SW/PS/074/-305X25
58	490.00	470.00	16.00	SW/PS/074/-490X16



PISTON SEAL -- SW/PS-077



SW/PS-077 is a single acting twin lip PU PISTON seal for light and medium duty applications.

Attributes.

PRESSURE	MATERIALS	FEATURES	APPLICATIONS
5500-6000 PSI/10000 PSI Max with Back up ring	PU	Excellent wear resistance	Material handling
TEMPERATURE RANGE		Can withstand wide range of temperature and very effective in low temperature	Mobile Hydraulics
(50)-+250° F		Primary lip protection	Medium duty cycle
		Easy to install	Light duty cycle
VELOCITY		Increased seal stability	
3.2 Feet/Sec			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



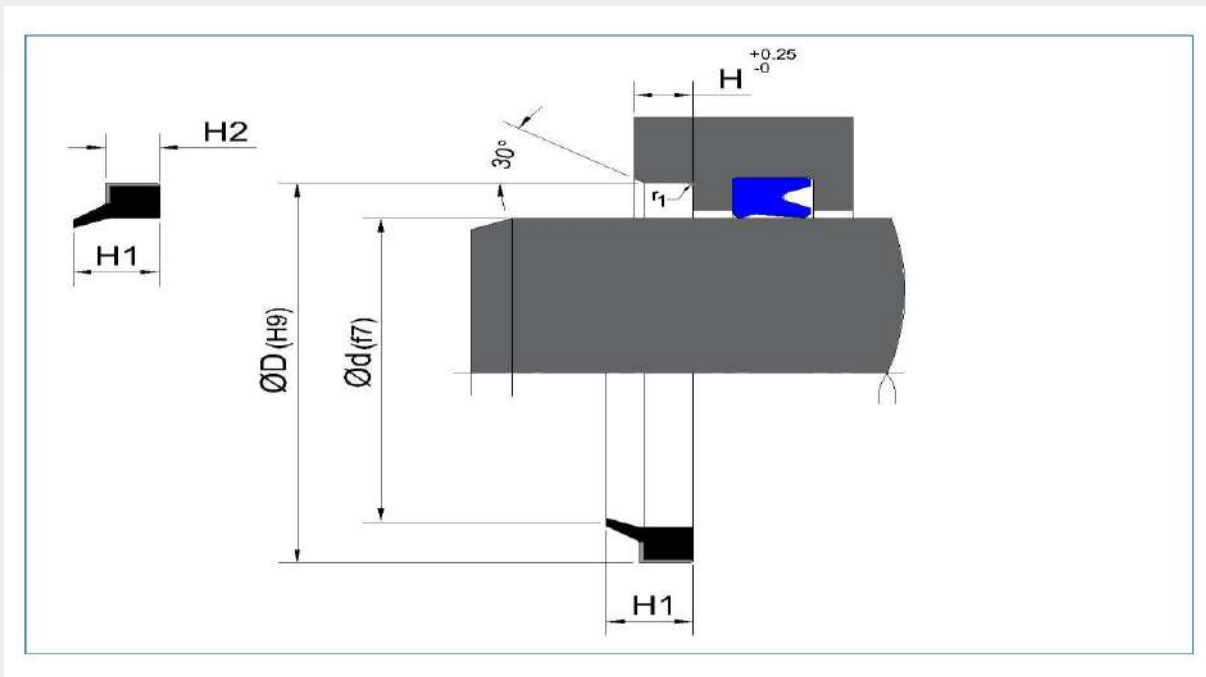
SINTA STANDARD DIMENSIONS				
SL NO	ØD (H9)	Ød (f7)	H +0.25	Material Code
1	60.00	45.00	10.00	SW/PS/077/-60X10
2	70.00	55.00	10.00	SW/PS/077/-70X10
3	75.00	65.00	7.30	SW/PS/077/-75X7.3
4	80.00	65.00	11.50	SW/PS/077/-80X11.5
5	90.00	75.00	11.50	SW/PS/077/-90X11.5
6	90.00	80.00	8.00	SW/PS/077/-90X8
7	100.00	80.00	14.50	SW/PS/077/-100X14.5
8	100.00	85.00	10.00	SW/PS/077/-100X10
9	100.00	85.00	11.50	SW/PS/077/-100X11.5
10	105.00	90.00	11.50	SW/PS/077/-105X11.5
11	110.00	90.00	14.50	SW/PS/077/-110X14.5
12	110.00	95.00	11.50	SW/PS/077/-110X11.5
13	120.00	100.00	11.80	SW/PS/077/-120X11.8
14	130.00	115.00	11.50	SW/PS/077/-130X11.5



WIPERS



WIPER -- SW/WP-237



SW/WP-237 is a single lip metal clad Wiper meant for light and medium-duty applications. For heavy duty applications we recommend to use SW/WP-230 series.

Attributes.

TEMPERATURE RANGE	MATERIALS	FEATURES	APPLICATIONS
(30)→+100° F	NBR	Metal clad with anti-rust coating	Material handling
VELOCITY	PU	Sharp wiper Lip	Mobile Hydraulics
3. Feet/Sec	MS	Remove contamination	Light & medium duty cycle
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



SINTA STANDARD DIMENSIONS					
SL NO	Ød (f7)	ØD (H9)	H +0.25	H1	Material Code
1	8.00	14.00	3.50	5.00	SW/WP/237/-14X3.5
2	10.00	16.00	3.00	4.50	SW/WP/237/-16X3
3	10.00	18.00	5.00	8.00	SW/WP/237/-18X5
4	12.00	20.00	4.00	6.00	SW/WP/237/-20X4
5	12.00	22.00	5.00	8.00	SW/WP/237/-22X5
6	14.00	20.00	4.00	5.00	SW/WP/237/-20X4
7	14.00	22.00	3.00	4.00	SW/WP/237/-22X3
8	15.00	25.00	5.00	8.00	SW/WP/237/-25X5
9	16.00	22.00	3.00	4.00	SW/WP/237/-22X3
10	16.00	22.00	3.50	5.00	SW/WP/237/-22X3.5
11	16.00	26.00	5.00	8.00	SW/WP/237/-26X5
12	18.00	26.00	5.00	7.00	SW/WP/237/-26X5
13	18.00	28.00	7.00	10.00	SW/WP/237/-28X7
14	20.00	26.00	4.00	7.00	SW/WP/237/-26X4
15	20.00	28.00	3.50	5.00	SW/WP/237/-28X3.5
16	20.00	28.00	5.00	8.00	SW/WP/237/-28X5
17	20.00	30.00	4.00	6.00	SW/WP/237/-30X4
18	20.00	30.00	5.00	8.00	SW/WP/237/-30X5
19	20.00	30.00	7.00	10.00	SW/WP/237/-30X7
20	22.00	28.00	5.00	8.00	SW/WP/237/-28X5
21	22.00	32.00	5.00	8.00	SW/WP/237/-32X5
22	22.00	32.00	7.00	10.00	SW/WP/237/-32X7
23	22.00	35.00	5.00	8.00	SW/WP/237/-35X5
24	25.00	35.00	5.00	8.00	SW/WP/237/-35X5
25	25.00	35.00	7.00	10.00	SW/WP/237/-35X7
26	28.00	38.00	5.00	8.00	SW/WP/237/-38X5
27	28.00	38.00	7.00	10.00	SW/WP/237/-38X7
28	28.00	40.00	7.00	10.00	SW/WP/237/-40X7
29	30.00	40.00	5.00	8.00	SW/WP/237/-40X5
30	30.00	40.00	7.00	10.00	SW/WP/237/-40X7
31	30.00	45.00	5.00	8.00	SW/WP/237/-45X5
32	32.00	40.00	4.00	7.00	SW/WP/237/-40X4
33	32.00	40.00	7.00	10.00	SW/WP/237/-40X7
34	32.00	42.00	5.00	7.00	SW/WP/237/-42X5
35	32.00	42.00	7.00	10.00	SW/WP/237/-42X7
36	32.00	45.00	5.00	8.00	SW/WP/237/-45X5
37	35.00	45.00	5.00	7.00	SW/WP/237/-45X5
38	35.00	45.00	7.00	10.00	SW/WP/237/-45X7

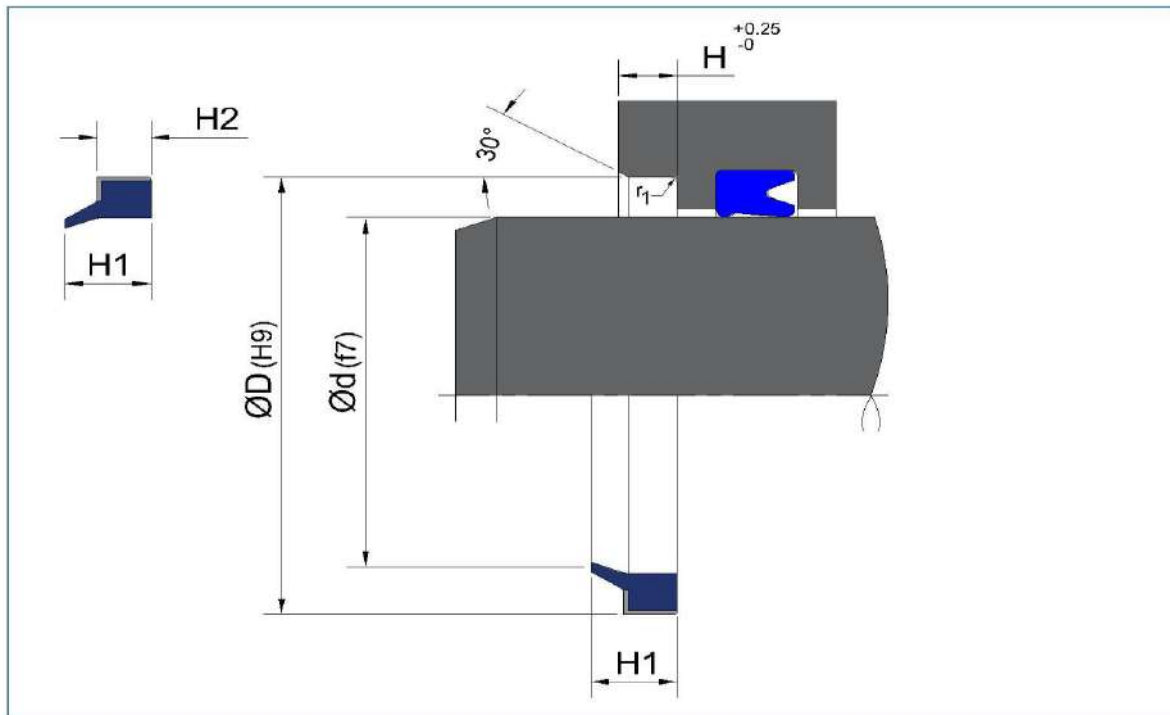
39	35.00	47.00	7.00	10.00	SW/WP/237/-47X7
40	36.00	45.00	7.00	10.00	SW/WP/237/-45X7
41	36.00	46.00	5.00	7.00	SW/WP/237/-46X5
42	36.00	46.00	7.00	10.00	SW/WP/237/-46X7
43	40.00	50.00	5.00	8.00	SW/WP/237/-50X5
44	40.00	50.00	7.00	10.00	SW/WP/237/-50X7
45	40.00	52.00	5.00	8.00	SW/WP/237/-52X5
46	42.00	52.00	7.00	10.00	SW/WP/237/-52X7
47	45.00	55.00	5.00	7.00	SW/WP/237/-55X5
48	45.00	55.00	7.00	10.00	SW/WP/237/-55X7
49	45.00	60.00	7.00	10.00	SW/WP/237/-60X7
50	50.00	56.00	5.00	7.00	SW/WP/237/-56X5
51	50.00	60.00	5.00	7.00	SW/WP/237/-60X5
52	50.00	60.00	7.00	10.00	SW/WP/237/-60X7
53	50.00	65.00	7.00	10.00	SW/WP/237/-65X7
54	52.00	62.00	7.00	10.00	SW/WP/237/-62X7
55	55.00	63.00	7.00	10.00	SW/WP/237/-63X7
56	55.00	65.00	5.00	7.00	SW/WP/237/-65X5
57	55.00	65.00	7.00	10.00	SW/WP/237/-65X7
58	56.00	66.00	5.00	8.00	SW/WP/237/-66X5
59	56.00	66.00	7.00	10.00	SW/WP/237/-66X7
60	60.00	70.00	5.00	7.00	SW/WP/237/-70X5
61	60.00	70.00	7.00	10.00	SW/WP/237/-70X7
62	60.00	74.00	5.00	8.00	SW/WP/237/-74X5
63	60.00	75.00	7.00	10.00	SW/WP/237/-75X7
64	60.00	80.00	7.00	10.00	SW/WP/237/-80X7
65	63.00	73.00	7.00	10.00	SW/WP/237/-73X7
66	63.00	75.00	7.00	10.00	SW/WP/237/-75X7
67	65.00	75.00	5.00	7.00	SW/WP/237/-75X5
68	65.00	75.00	7.00	10.00	SW/WP/237/-75X7
69	70.00	80.00	5.00	7.00	SW/WP/237/-80X5
70	70.00	80.00	7.00	10.00	SW/WP/237/-80X7
71	75.00	85.00	7.00	10.00	SW/WP/237/-85X7
72	80.00	90.00	7.00	10.00	SW/WP/237/-90X7
73	85.00	95.00	7.00	10.00	SW/WP/237/-95X7
74	90.00	100.00	5.00	7.00	SW/WP/237/-100X5
75	90.00	100.00	7.00	10.00	SW/WP/237/-100X7
76	95.00	105.00	7.00	10.00	SW/WP/237/-105X7
77	100.00	110.00	5.00	8.00	SW/WP/237/-110X5
78	100.00	110.00	7.00	10.00	SW/WP/237/-110X7
79	100.00	115.00	8.00	10.00	SW/WP/237/-115X8
80	105.00	115.00	7.00	10.00	SW/WP/237/-115X7
81	110.00	120.00	7.00	10.00	SW/WP/237/-120X7
82	115.00	125.00	7.00	10.00	SW/WP/237/-125X7
83	120.00	130.00	7.00	10.00	SW/WP/237/-130X7
84	125.00	140.00	9.00	12.00	SW/WP/237/-140X9



85	130.00	145.00	9.00	12.00	SW/WP/237/-145X9
86	135.00	150.00	9.00	12.00	SW/WP/237/-150X9
87	140.00	155.00	9.00	12.00	SW/WP/237/-155X9
88	145.00	160.00	9.00	12.00	SW/WP/237/-160X9
89	150.00	165.00	9.00	12.00	SW/WP/237/-165X9
90	160.00	175.00	9.00	12.00	SW/WP/237/-175X9
91	170.00	185.00	10.00	14.00	SW/WP/237/-185X10
92	180.00	195.00	10.00	14.00	SW/WP/237/-195X10
93	200.00	220.00	12.00	16.00	SW/WP/237/-220X12
94	220.00	240.00	12.00	16.00	SW/WP/237/-240X12
95	240.00	260.00	12.00	16.00	SW/WP/237/-260X12
96	250.00	270.00	12.00	16.00	SW/WP/237/-270X12



WIPER -- SW/WP-230



SW/WP-230 is a single lip metal cladded wiper is meant for wide range of applications. The wiper element is made of PU. It is designed to wipe heavily deposited dirt and is fit for most of standard housings of Asia Pacific.

Attributes.

TEMPERATURE RANGE	MATERIALS	FEATURES	APPLICATIONS
(50)+230° F	PU	Metal cladded with anti-rust coating	Material handling
VELOCITY	MS	Sharp wiper Lip	Mobile Hydraulics
3 Feet/Sec		Remove contamination	Light & medium duty cycle
		Trimmed wiping lips	
		Fits in most of Asia Pacific region housing sizes	
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			

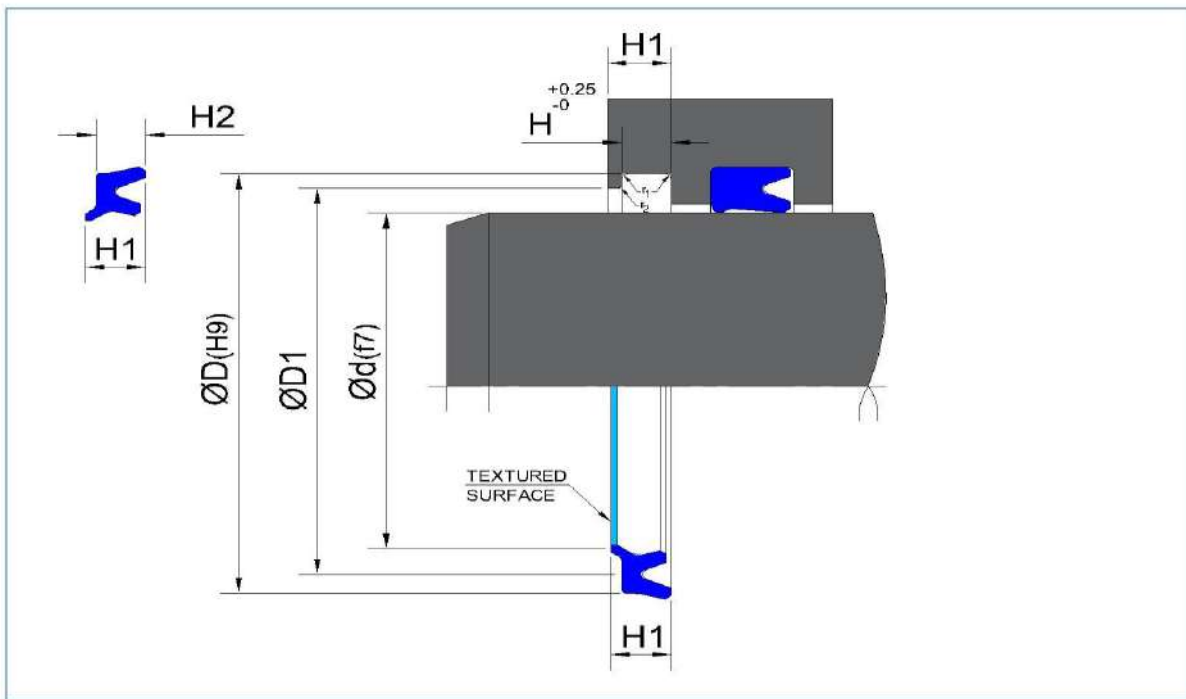
SINTA STANDARD DIMENSIONS

SL NO	Ød (f7)	ØD (H9)	H +0.25	H1	Material Code
1	8.00	14.00	3.50	5.00	SW/WP/230/-14X3.5
2	12.00	20.00	4.00	6.00	SW/WP/230/-20X4
3	15.00	25.00	5.00	7.00	SW/WP/230/-25X5
4	16.00	22.00	3.00	4.00	SW/WP/230/-22X3
5	18.00	28.00	5.00	7.00	SW/WP/230/-28X5
6	18.00	28.00	7.00	10.00	SW/WP/230/-28X7
7	20.00	30.00	4.00	6.00	SW/WP/230/-30X4
8	20.00	30.00	5.00	8.00	SW/WP/230/-30X5
9	20.00	30.00	7.00	10.00	SW/WP/230/-30X7
10	22.00	32.00	5.00	8.00	SW/WP/230/-32X5
11	25.00	35.00	5.00	8.00	SW/WP/230/-35X5
12	25.00	35.00	7.00	10.00	SW/WP/230/-35X7
13	25.00	37.00	6.00	9.00	SW/WP/230/-37X6
14	28.00	38.00	5.00	8.00	SW/WP/230/-38X5
15	28.00	38.00	7.00	10.00	SW/WP/230/-38X7
16	30.00	40.00	5.00	8.00	SW/WP/230/-40X5
17	30.00	40.00	7.00	10.00	SW/WP/230/-40X7
18	30.00	42.00	6.00	9.00	SW/WP/230/-42X6
19	32.00	42.00	5.00	8.00	SW/WP/230/-42X5
20	32.00	42.00	7.00	10.00	SW/WP/230/-42X7
21	32.00	45.00	5.00	8.00	SW/WP/230/-45X5
22	32.00	45.00	7.00	10.00	SW/WP/230/-45X7
23	35.00	45.00	4.00	6.00	SW/WP/230/-45X4
24	35.00	45.00	7.00	10.00	SW/WP/230/-45X7
25	35.00	47.00	7.00	10.00	SW/WP/230/-47X7
26	36.00	45.00	7.00	10.00	SW/WP/230/-45X7
27	36.00	46.00	7.00	10.00	SW/WP/230/-46X7
28	38.00	48.00	7.00	10.00	SW/WP/230/-48X7
29	40.00	50.00	7.00	10.00	SW/WP/230/-50X7
30	40.00	52.00	7.00	10.00	SW/WP/230/-52X7
31	42.00	52.00	7.00	10.00	SW/WP/230/-52X7
32	45.00	55.00	5.00	8.00	SW/WP/230/-55X5
33	45.00	55.00	7.00	10.00	SW/WP/230/-55X7
34	45.00	57.00	7.00	10.00	SW/WP/230/-57X7
35	50.00	60.00	5.00	8.00	SW/WP/230/-60X5
36	50.00	60.00	7.00	10.00	SW/WP/230/-60X7
37	50.00	62.00	7.00	10.00	SW/WP/230/-62X7
38	55.00	65.00	7.00	10.00	SW/WP/230/-65X7
39	55.00	69.00	8.00	11.00	SW/WP/230/-69X8
40	55.00	70.00	5.00	8.00	SW/WP/230/-70X5
41	55.00	70.00	7.00	10.00	SW/WP/230/-70X7
42	60.00	70.00	5.00	8.00	SW/WP/230/-70X5
43	60.00	70.00	7.00	10.00	SW/WP/230/-70X7

44	60.00	74.00	8.00	11.00	SW/WP/230/-74X8
45	60.00	75.00	5.00	8.00	SW/WP/230/-75X5
46	60.00	75.00	7.00	10.00	SW/WP/230/-75X7
47	63.00	73.00	7.00	10.00	SW/WP/230/-73X7
48	63.00	75.00	7.00	10.00	SW/WP/230/-75X7
49	65.00	75.00	7.00	10.00	SW/WP/230/-75X7
50	65.00	79.00	8.00	11.00	SW/WP/230/-79X8
51	70.00	80.00	7.00	10.00	SW/WP/230/-80X7
52	70.00	84.00	8.00	11.00	SW/WP/230/-84X8
53	75.00	85.00	7.00	10.00	SW/WP/230/-85X7
54	75.00	89.00	8.00	11.00	SW/WP/230/-89X8
55	80.00	90.00	7.00	10.00	SW/WP/230/-90X7
56	80.00	94.00	8.00	11.00	SW/WP/230/-94X8
57	85.00	95.00	5.00	8.00	SW/WP/230/-95X5
58	85.00	95.00	7.00	10.00	SW/WP/230/-95X7
59	85.00	99.00	8.00	11.00	SW/WP/230/-99X8
60	90.00	100.00	7.00	10.00	SW/WP/230/-100X7
61	90.00	104.00	8.00	11.00	SW/WP/230/-104X8
62	95.00	109.00	8.00	11.00	SW/WP/230/-109X8
63	100.00	110.00	7.00	10.00	SW/WP/230/-110X7
64	100.00	114.00	8.00	11.00	SW/WP/230/-114X8
65	105.00	115.00	7.00	10.00	SW/WP/230/-115X7
66	105.00	121.00	9.00	12.00	SW/WP/230/-121X9
67	110.00	120.00	7.00	10.00	SW/WP/230/-120X7
68	110.00	126.00	9.00	12.00	SW/WP/230/-126X9
69	115.00	131.00	9.00	12.00	SW/WP/230/-131X9
70	120.00	130.00	7.00	10.00	SW/WP/230/-130X7
71	120.00	136.00	9.00	12.00	SW/WP/230/-136X9
72	125.00	140.00	9.00	12.00	SW/WP/230/-140X9
73	125.00	141.00	9.00	12.00	SW/WP/230/-141X9
74	130.00	146.00	9.00	12.00	SW/WP/230/-146X9
75	135.00	155.00	10.00	14.00	SW/WP/230/-155X10
76	140.00	155.00	9.00	12.00	SW/WP/230/-155X9
77	140.00	160.00	10.00	14.00	SW/WP/230/-160X10
78	150.00	170.00	10.00	14.00	SW/WP/230/-170X10
79	160.00	180.00	10.00	14.00	SW/WP/230/-180X10
80	180.00	195.00	10.00	14.00	SW/WP/230/-195X10



WIPER -- SW/WP-237B



SW/WP-237B is a double lip PU wiper for light and medium duty applications, this profile widely fits into most of Asia pacific housing designs. It reduces oil transfer out of the ram on the cylinder rod. The twin sealing lips have been designed to provide rod sealing performance.

Attributes.

TEMPERATURE RANGE	MATERIALS	FEATURES	APPLICATIONS
(50)→+230° F	NBR	Fits in most of Asia Pacific region housing sizes	Material handling
VELOCITY	PU	Wear resistance	Mobile Hydraulics
12. Feet/Sec		Remove contamination	Light & medium duty cycle
		Trimmed sealing lips	
		Easy to install	
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			

SINTA STANDARD DIMENSIONS

SL NO	Ød (f7)	ØD (H9)	ØD1	H +0.25	H1	Material Code
1	14.00	22.00	18.30	4.80	7.00	SW/WP/237B/-22X4.8
2	16.00	24.00	20.30	4.80	7.00	SW/WP/237B/-24X4.8
3	18.00	26.00	22.30	4.80	7.00	SW/WP/237B/-26X4.8
4	20.00	28.00	24.30	4.80	7.00	SW/WP/237B/-28X4.8
5	22.40	30.40	26.70	4.80	7.00	SW/WP/237B/-30.4X4.8
6	25.00	33.00	29.30	4.80	7.00	SW/WP/237B/-33X4.8
7	28.00	36.00	32.30	4.80	7.00	SW/WP/237B/-36X4.8
8	30.00	38.00	34.00	5.80	8.00	SW/WP/237B/-38X5.8
9	31.50	39.50	35.50	5.80	8.00	SW/WP/237B/-39.5X5.8
10	32.00	40.00	36.00	5.80	8.00	SW/WP/237B/-40X5.8
11	35.00	43.00	39.00	5.80	8.00	SW/WP/237B/-43X5.8
12	35.50	43.50	39.50	5.80	8.00	SW/WP/237B/-43.5X5.8
13	38.00	46.00	42.00	5.80	8.00	SW/WP/237B/-46X5.8
14	40.00	48.00	44.00	5.80	8.00	SW/WP/237B/-48X5.8
15	43.00	51.00	47.00	5.80	8.00	SW/WP/237B/-51X5.8
16	45.00	53.00	49.00	5.80	8.00	SW/WP/237B/-53X5.8
17	50.00	58.00	54.00	5.80	8.00	SW/WP/237B/-58X5.8
18	53.00	61.00	57.00	5.80	8.00	SW/WP/237B/-61X5.8
19	55.00	63.00	59.00	5.80	8.00	SW/WP/237B/-63X5.8
20	56.00	64.00	60.00	5.80	8.00	SW/WP/237B/-64X5.8
21	60.00	68.00	64.00	5.80	8.00	SW/WP/237B/-68X5.8
22	63.00	71.00	67.00	5.80	8.00	SW/WP/237B/-71X5.8
23	65.00	73.00	69.00	5.80	8.00	SW/WP/237B/-73X5.8
24	70.00	80.00	75.00	6.80	10.00	SW/WP/237B/-80X6.8
25	75.00	85.00	80.00	6.80	10.00	SW/WP/237B/-85X6.8
26	80.00	90.00	85.00	6.80	10.00	SW/WP/237B/-90X6.8
27	85.00	95.00	90.00	6.80	10.00	SW/WP/237B/-95X6.8
28	90.00	100.00	95.00	6.80	10.00	SW/WP/237B/-100X6.8
29	95.00	105.00	100.00	6.80	10.00	SW/WP/237B/-105X6.8
30	100.00	110.00	105.00	6.80	10.00	SW/WP/237B/-110X6.8
31	110.00	120.00	115.00	6.80	10.00	SW/WP/237B/-120X6.8
32	112.00	122.00	117.00	6.80	10.00	SW/WP/237B/-122X6.8
33	120.00	130.00	125.00	6.80	10.00	SW/WP/237B/-130X6.8
34	125.00	138.00	132.00	7.80	11.00	SW/WP/237B/-138X7.8
35	130.00	143.00	137.00	7.80	11.00	SW/WP/237B/-143X7.8
36	136.00	149.00	143.00	7.80	11.00	SW/WP/237B/-149X7.8
37	140.00	153.00	147.00	7.80	11.00	SW/WP/237B/-153X7.8
38	145.00	158.00	152.00	7.80	11.00	SW/WP/237B/-158X7.8
39	150.00	163.00	157.00	7.80	11.00	SW/WP/237B/-163X7.8
40	160.00	174.00	167.00	7.80	11.00	SW/WP/237B/-174X7.8

WEAR RING



CUT TYPE



BUTT- CUT



ANGLE CUT



STEP CUT

RADIAL THICKNESS

.062/.060

.093/.091

.125/.123

.187/.185

1.5/1.45

2.00/1.95

2.50/2.45

3.00/2.95

3.50/3.45

4.00/3.95

5.00/4.95

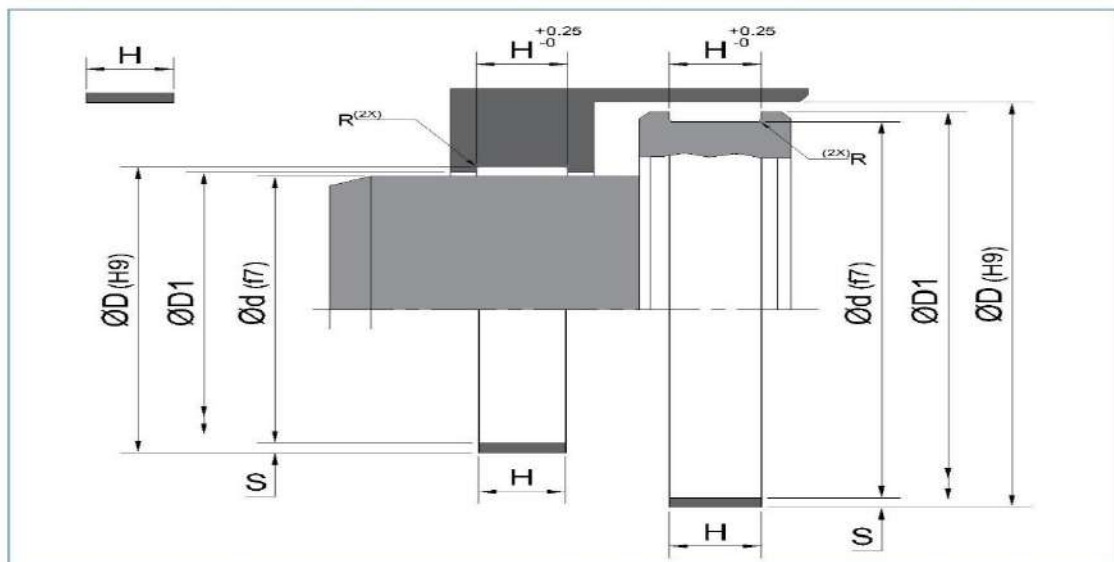
6.00/5.95



S

WEAR RING -- SW/WR/-111

SW/WR-111 is Bronze Filled PTFE bearing strip, which provides hard wearing, for slow rotary movement, oscillating and reciprocating applications. It is effective for both lubricated and non-lubricated sealing. It is compatible with water-based fluids, hydraulic mineral oil, lubricating grease.

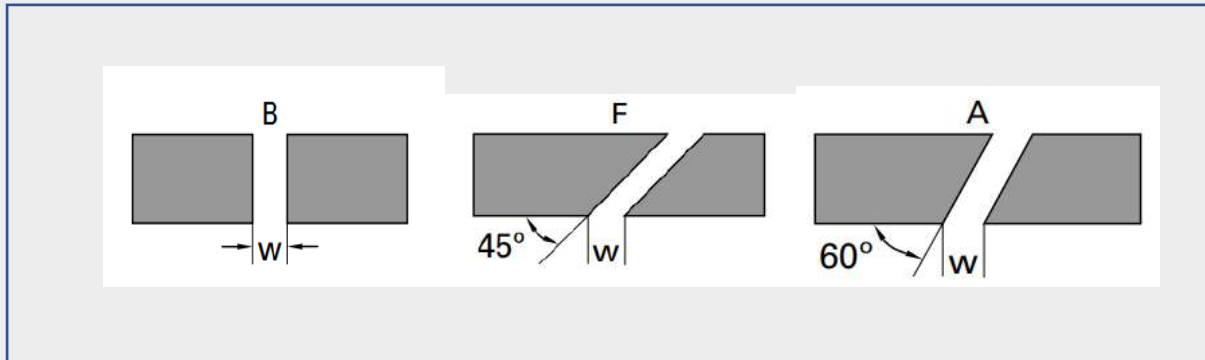


Attributes.

TEMPERATURE RANGE	MATERIALS	FEATURES	APPLICATIONS
(50)+390° F	PTFE	Very flexible	Agriculture
VELOCITY	BRONZE FILLED	Super low friction	Material handling
16 Feet/Sec		Easy to install	Medium & heavy duty
		Excellent heat resistance	
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



Cut Angles suggestions.

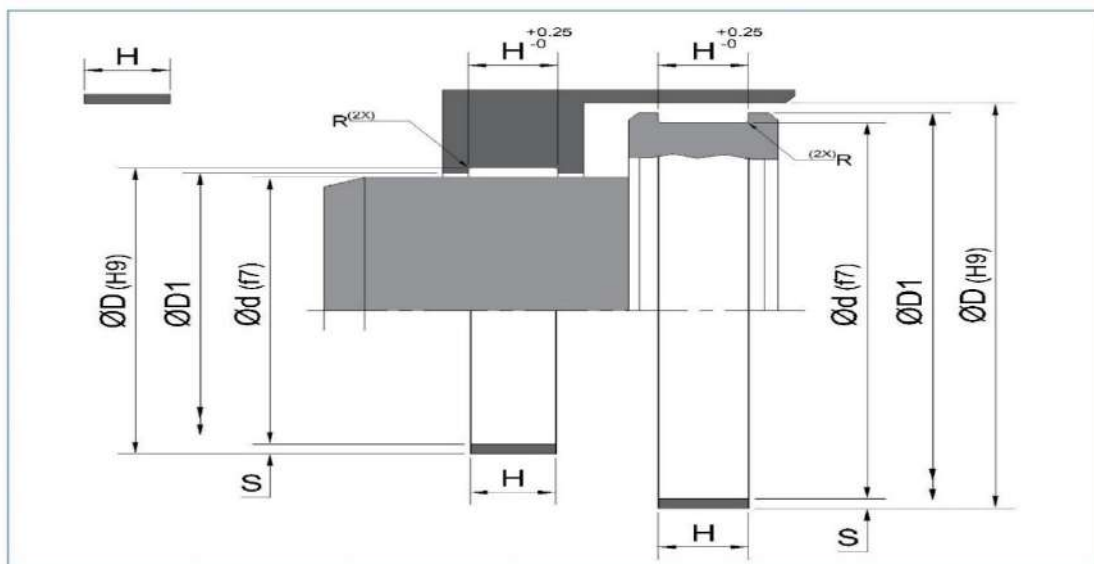


SINTA STANDARD DIMENSIONS				
SL NO	H	S	S1	Material Code
1	5.60	2.50	4.00	SW/WR/111/-5.6X2.5
2	6.00	2.50	4.00	SW/WR/111/-6X2.5
3	9.50	2.50	4.00	SW/WR/111/-9.5X2.5
4	9.70	2.50	4.00	SW/WR/111/-9.7X2.5
5	14.80	2.50	4.00	SW/WR/111/-14.8X2.5
6	19.50	2.50	4.00	SW/WR/111/-19.5X2.5
7	20.00	2.50	4.00	SW/WR/111/-20X2.5
8	24.50	2.50	4.00	SW/WR/111/-24.5X2.5
9	29.50	2.50	4.00	SW/WR/111/-29.5X2.5
NB- Custom sizes are manufactured basis request				



WEAR RING-- SW/WR/-111P

SW/WR-111P is Fabric reinforced polyester resin, (FRPR) bearing strip, available in both **spiral lengths & strips**, which provides hard wearing, for slow rotary movement, oscillating and reciprocating applications. It is effective for both lubricated and non-lubricated sealing. It is compatible with water-based fluids, hydraulic mineral oil, lubricating grease. It is recommended for customers, who wants their own custom sizes. It fits in wide range of applications sizes in particular cross sections.

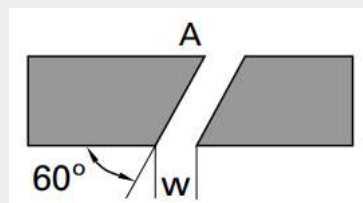
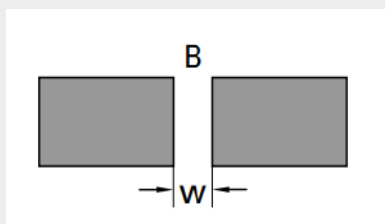


Attributes.

TEMPERATURE RANGE	MATERIALS	FEATURES	APPLICATIONS
(40)→+250° F	Fabric reinforced polyester resin	Ready bearing cut	Agriculture
VELOCITY		Fits as per customer specification	Material handling
3-16 Feet/Sec		Tight tolerances	Medium & heavy duty
PRESSURE		Low friction	
900/120 psi			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



Cut angle instructions.

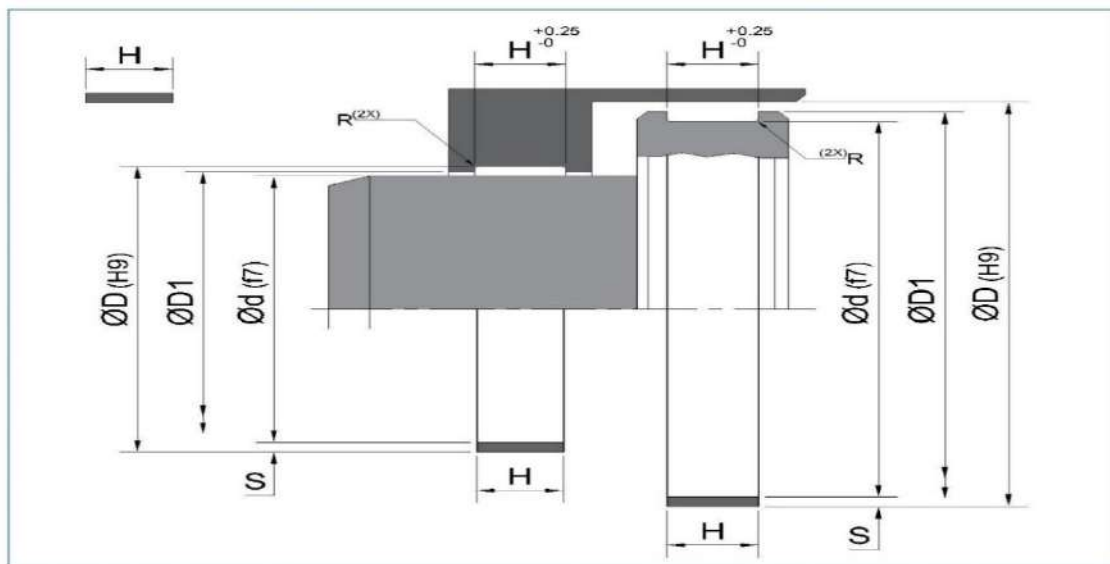


SINTA STANDARD DIMENSIONS								
SL NO	H	S	S1	S2	S5	S3	S4	Material Code
1	5.60	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-5.6X2
2	6.00	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-6X2
3	8.00	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-8X2
4	9.50	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-9.5X2
5	9.70	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-9.7X2
6	12.50	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-12.5X2
7	14.80	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-14.8X2
8	15.00	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-15X2
9	16.30	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-16.3X2
10	16.50	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-16.5X2
11	19.50	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-19.5X2
12	20.00	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-20X2
13	24.50	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-24.5X2
14	25.00	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-25X2
15	29.50	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-29.5X2
16	30.00	2.00	2.50	3.00	3.50	4.00	5.00	SW/WR/111P/-30X2
NB- Custom sizes are manufactured basis request								



WEAR RING -- SW/WR/-117

SW/WR-117 is Fabric reinforced polyester resin, (FRPR) bearing, which provides hard wearing, for slow rotary movement, oscillating and reciprocating applications. It is effective for both lubricated and non-lubricated sealing. It is compatible with water-based fluids, hydraulic mineral oil, lubricating grease. These are also available in POM and PTFE for high temperature resistance.

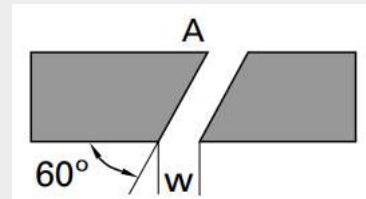
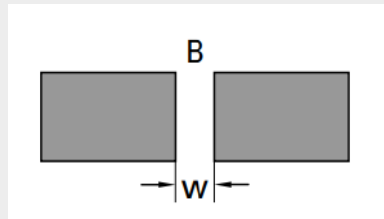


Attributes.

TEMPERATURE RANGE	MATERIALS	FEATURES	APPLICATIONS
(40)+250° F	Fabric reinforced polyester resin	Tight tolerances	Agriculture
VELOCITY	POM	Low friction	Material handling
3-16 Feet/Sec	BRONZE FILLED PTFE	High temperature	Medium & heavy duty
PRESSURE			
900/120 psi			
NB-Data on maximum and minimum values depend on specific application, such as fluid medium, surface, gap value, dynamic and static service. Pl contact SINTA, technical team for support.			



Cut angle instructions.



SINTA STANDARD DIMENSIONS					
SL NO	Ød (f7)	ØD (H9)	H +0.25	S	Material Code
1	20.00	23.00	5.60	1.50	SW/WR/117/-20X1.5X5.6
2	25.00	30.00	5.60	2.50	SW/WR/117/-25X2.5X5.6
3	27.00	30.00	5.60	1.50	SW/WR/117/-27X1.5X5.6
4	30.00	33.00	5.60	1.50	SW/WR/117/-30X1.5X5.6
5	36.00	39.00	5.60	1.50	SW/WR/117/-36X1.5X5.6
6	36.00	41.00	5.60	2.50	SW/WR/117/-36X2.5X5.6
7	40.00	43.00	5.60	1.50	SW/WR/117/-40X1.5X5.6
8	40.00	45.00	5.60	2.50	SW/WR/117/-40X2.5X5.6
9	45.00	50.00	5.60	2.50	SW/WR/117/-45X2.5X5.6
10	50.00	55.00	5.60	2.50	SW/WR/117/-50X2.5X5.6
11	51.00	56.00	5.60	2.50	SW/WR/117/-51X2.5X5.6
12	70.00	75.00	5.60	2.50	SW/WR/117/-70X2.5X5.6
13	75.00	80.00	5.40	2.50	SW/WR/117/-75X2.5X5.4
14	75.00	80.00	5.60	2.50	SW/WR/117/-75X2.5X5.6
15	85.00	90.00	5.00	2.50	SW/WR/117/-85X2.5X5
16	85.00	90.00	5.60	2.50	SW/WR/117/-85X2.5X5.6
17	115.00	120.00	5.60	2.50	SW/WR/117/-115X2.5X5.6
18	35.00	38.00	6.00	1.50	SW/WR/117/-35X1.5X6
19	70.00	75.00	6.00	2.50	SW/WR/117/-70X2.5X6
20	82.00	90.00	6.00	4.00	SW/WR/117/-82X4X6
21	86.00	94.00	6.00	4.00	SW/WR/117/-86X4X6
22	90.00	95.00	6.00	2.50	SW/WR/117/-90X2.5X6
23	102.00	110.00	6.00	4.00	SW/WR/117/-102X4X6
24	124.00	130.00	6.00	3.00	SW/WR/117/-124X3X6

25	132.00	140.00	6.00	4.00	SW/WR/117/-132X4X6
26	20.00	25.00	6.30	2.50	SW/WR/117/-20X2.5X6.3
27	27.00	32.00	6.30	2.50	SW/WR/117/-27X2.5X6.3
28	75.00	79.00	7.70	2.00	SW/WR/117/-75X2X7.7
29	75.00	80.00	7.90	2.50	SW/WR/117/-75X2.5X7.9
30	105.00	110.00	7.90	2.50	SW/WR/117/-105X2.5X7.9
31	108.00	112.00	7.90	2.00	SW/WR/117/-108X2X7.9
32	115.00	120.00	7.90	2.50	SW/WR/117/-115X2.5X7.9
33	117.00	125.00	7.90	4.00	SW/WR/117/-117X4X7.9
34	120.00	125.00	7.90	2.50	SW/WR/117/-120X2.5X7.9
35	125.00	130.00	7.90	2.50	SW/WR/117/-125X2.5X7.9
36	130.00	135.00	7.90	2.50	SW/WR/117/-130X2.5X7.9
37	131.00	135.00	7.90	2.00	SW/WR/117/-131X2X7.9
38	135.00	140.00	7.90	2.50	SW/WR/117/-135X2.5X7.9
39	140.00	145.00	7.90	2.50	SW/WR/117/-140X2.5X7.9
40	156.00	160.00	7.90	2.00	SW/WR/117/-156X2X7.9
41	28.00	32.00	8.00	2.00	SW/WR/117/-28X2X8
42	56.00	60.00	8.00	2.00	SW/WR/117/-56X2X8
43	65.00	70.00	8.00	2.50	SW/WR/117/-65X2.5X8
44	118.00	123.00	8.00	2.50	SW/WR/117/-118X2.5X8
45	138.00	143.00	9.00	2.50	SW/WR/117/-138X2.5X9
46	40.00	44.00	9.20	2.00	SW/WR/117/-40X2X9.2
47	28.00	32.00	9.50	2.00	SW/WR/117/-28X2X9.5
48	50.00	55.00	9.50	2.50	SW/WR/117/-50X2.5X9.5
49	55.00	60.00	9.50	2.50	SW/WR/117/-55X2.5X9.5
50	60.00	65.00	9.50	2.50	SW/WR/117/-60X2.5X9.5
51	65.00	70.00	9.50	2.50	SW/WR/117/-65X2.5X9.5
52	75.00	80.00	9.50	2.50	SW/WR/117/-75X2.5X9.5
53	85.00	90.00	9.50	2.50	SW/WR/117/-85X2.5X9.5
54	90.00	95.00	9.50	2.50	SW/WR/117/-90X2.5X9.5
55	100.00	105.00	9.50	2.50	SW/WR/117/-100X2.5X9.5
56	102.00	110.00	9.50	4.00	SW/WR/117/-102X4X9.5
57	115.00	120.00	9.50	2.50	SW/WR/117/-115X2.5X9.5
58	120.00	125.00	9.50	2.50	SW/WR/117/-120X2.5X9.5
59	125.00	130.00	9.50	2.50	SW/WR/117/-125X2.5X9.5
60	130.00	135.00	9.50	2.50	SW/WR/117/-130X2.5X9.5
61	135.00	140.00	9.50	2.50	SW/WR/117/-135X2.5X9.5
62	137.00	145.00	9.50	4.00	SW/WR/117/-137X4X9.5
63	140.00	145.00	9.50	2.50	SW/WR/117/-140X2.5X9.5
64	145.00	150.00	9.50	2.50	SW/WR/117/-145X2.5X9.5
65	165.00	170.00	9.50	2.50	SW/WR/117/-165X2.5X9.5
66	195.00	200.00	9.50	2.50	SW/WR/117/-195X2.5X9.5
67	25.00	31.00	9.60	3.00	SW/WR/117/-25X3X9.6
68	28.00	34.00	9.60	3.00	SW/WR/117/-28X3X9.6
69	34.00	40.00	9.60	3.00	SW/WR/117/-34X3X9.6
70	35.00	39.00	9.60	2.00	SW/WR/117/-35X2X9.6

71	40.00	46.00	9.60	3.00	SW/WR/117/-40X3X9.6
72	41.00	45.00	9.60	2.00	SW/WR/117/-41X2X9.6
73	44.00	50.00	9.60	3.00	SW/WR/117/-44X3X9.6
74	49.00	55.00	9.60	3.00	SW/WR/117/-49X3X9.6
75	54.00	60.00	9.60	3.00	SW/WR/117/-54X3X9.6
76	55.00	60.00	9.60	2.50	SW/WR/117/-55X2.5X9.6
77	65.00	70.00	9.60	2.50	SW/WR/117/-65X2.5X9.6
78	70.00	75.00	9.60	2.50	SW/WR/117/-70X2.5X9.6
79	95.00	100.00	9.60	2.50	SW/WR/117/-95X2.5X9.6
80	195.00	200.00	9.60	2.50	SW/WR/117/-195X2.5X9.6
81	25.00	30.00	9.70	2.50	SW/WR/117/-25X2.5X9.7
82	30.00	34.00	9.70	2.00	SW/WR/117/-30X2X9.7
83	30.00	35.00	9.70	2.50	SW/WR/117/-30X2.5X9.7
84	36.00	41.00	9.70	2.50	SW/WR/117/-36X2.5X9.7
85	40.00	45.00	9.70	2.50	SW/WR/117/-40X2.5X9.7
86	45.00	50.00	9.70	2.50	SW/WR/117/-45X2.5X9.7
87	50.00	55.00	9.70	2.50	SW/WR/117/-50X2.5X9.7
88	51.00	56.00	9.70	2.50	SW/WR/117/-51X2.5X9.7
89	56.00	61.00	9.70	2.50	SW/WR/117/-56X2.5X9.7
90	58.00	63.00	9.70	2.50	SW/WR/117/-58X2.5X9.7
91	60.00	65.00	9.70	2.50	SW/WR/117/-60X2.5X9.7
92	75.00	80.00	9.70	2.50	SW/WR/117/-75X2.5X9.7
93	80.00	85.00	9.70	2.50	SW/WR/117/-80X2.5X9.7
94	90.00	95.00	9.70	2.50	SW/WR/117/-90X2.5X9.7
95	105.00	110.00	9.70	2.50	SW/WR/117/-105X2.5X9.7
96	110.00	115.00	9.70	2.50	SW/WR/117/-110X2.5X9.7
97	115.00	120.00	9.70	2.50	SW/WR/117/-115X2.5X9.7
98	132.00	140.00	9.70	4.00	SW/WR/117/-132X4X9.7
99	133.00	140.00	9.70	3.50	SW/WR/117/-133X3.5X9.7
100	155.00	160.00	9.70	2.50	SW/WR/117/-155X2.5X9.7
101	160.00	165.00	9.70	2.50	SW/WR/117/-160X2.5X9.7
102	175.00	180.00	9.70	2.50	SW/WR/117/-175X2.5X9.7
103	195.00	200.00	9.70	2.50	SW/WR/117/-195X2.5X9.7
104	210.00	215.00	9.70	2.50	SW/WR/117/-210X2.5X9.7
105	45.00	50.00	10.00	2.50	SW/WR/117/-45X2.5X10
106	47.00	52.00	10.00	2.50	SW/WR/117/-47X2.5X10
107	52.00	60.00	10.00	4.00	SW/WR/117/-52X4X10
108	56.00	60.00	10.00	2.00	SW/WR/117/-56X2X10
109	76.00	80.00	10.00	2.00	SW/WR/117/-76X2X10
110	97.00	105.00	10.00	4.00	SW/WR/117/-97X4X10
111	158.00	163.00	10.00	2.50	SW/WR/117/-158X2.5X10
112	202.00	207.00	10.00	2.50	SW/WR/117/-202X2.5X10
113	204.00	209.00	10.00	2.50	SW/WR/117/-204X2.5X10
114	32.00	40.00	12.00	4.00	SW/WR/117/-32X4X12
115	50.00	58.00	12.00	4.00	SW/WR/117/-50X4X12
116	72.00	80.00	12.00	4.00	SW/WR/117/-72X4X12

117	194.00	200.00	12.00	3.00	SW/WR/117/-194X3X12
118	200.00	205.00	12.00	2.50	SW/WR/117/-200X2.5X12
119	210.00	215.00	12.00	2.50	SW/WR/117/-210X2.5X12
120	54.00	60.00	12.50	3.00	SW/WR/117/-54X3X12.5
121	57.00	63.00	12.50	3.00	SW/WR/117/-57X3X12.5
122	80.00	86.00	12.50	3.00	SW/WR/117/-80X3X12.5
123	85.00	91.00	12.50	3.00	SW/WR/117/-85X3X12.5
124	104.00	110.00	12.50	3.00	SW/WR/117/-104X3X12.5
125	105.00	111.00	12.50	3.00	SW/WR/117/-105X3X12.5
126	134.00	140.00	12.50	3.00	SW/WR/117/-134X3X12.5
127	139.00	145.00	12.50	3.00	SW/WR/117/-139X3X12.5
128	50.00	56.00	12.70	3.00	SW/WR/117/-50X3X12.7
129	52.00	60.00	12.70	4.00	SW/WR/117/-52X4X12.7
130	64.00	70.00	12.70	3.00	SW/WR/117/-64X3X12.7
131	94.00	100.00	12.70	3.00	SW/WR/117/-94X3X12.7
132	91.00	100.00	14.30	4.50	SW/WR/117/-91X4.5X14.3
133	116.00	125.00	14.30	4.50	SW/WR/117/-116X4.5X14.3
134	75.00	80.00	14.80	2.50	SW/WR/117/-75X2.5X14.8
135	115.00	120.00	14.80	2.50	SW/WR/117/-115X2.5X14.8
136	120.00	125.00	14.80	2.50	SW/WR/117/-120X2.5X14.8
137	130.00	135.00	14.80	2.50	SW/WR/117/-130X2.5X14.8
138	133.00	140.00	14.80	3.50	SW/WR/117/-133X3.5X14.8
139	135.00	140.00	14.80	2.50	SW/WR/117/-135X2.5X14.8
140	138.00	145.00	14.80	3.50	SW/WR/117/-138X3.5X14.8
141	153.00	160.00	14.80	3.50	SW/WR/117/-153X3.5X14.8
142	185.00	190.00	14.80	2.50	SW/WR/117/-185X2.5X14.8
143	45.00	50.00	15.00	2.50	SW/WR/117/-45X2.5X15
144	50.00	55.00	15.00	2.50	SW/WR/117/-50X2.5X15
145	56.00	61.00	15.00	2.50	SW/WR/117/-56X2.5X15
146	65.00	70.00	15.00	2.50	SW/WR/117/-65X2.5X15
147	70.00	75.00	15.00	2.50	SW/WR/117/-70X2.5X15
148	75.00	80.00	15.00	2.50	SW/WR/117/-75X2.5X15
149	84.00	90.00	15.00	3.00	SW/WR/117/-84X3X15
150	90.00	95.00	15.00	2.50	SW/WR/117/-90X2.5X15
151	94.00	100.00	15.00	3.00	SW/WR/117/-94X3X15
152	95.00	100.00	15.00	2.50	SW/WR/117/-95X2.5X15
153	100.00	105.00	15.00	2.50	SW/WR/117/-100X2.5X15
154	105.00	110.00	15.00	2.50	SW/WR/117/-105X2.5X15
155	110.00	115.00	15.00	2.50	SW/WR/117/-110X2.5X15
156	120.00	125.00	15.00	2.50	SW/WR/117/-120X2.5X15
157	125.00	130.00	15.00	2.50	SW/WR/117/-125X2.5X15
158	140.00	145.00	15.00	2.50	SW/WR/117/-140X2.5X15
159	150.00	155.00	15.00	2.50	SW/WR/117/-150X2.5X15
160	155.00	160.00	15.00	2.50	SW/WR/117/-155X2.5X15
161	160.00	165.00	15.00	2.50	SW/WR/117/-160X2.5X15
162	165.00	170.00	15.00	2.50	SW/WR/117/-165X2.5X15

163	170.00	175.00	15.00	2.50	SW/WR/117/-170X2.5X15
164	175.00	180.00	15.00	2.50	SW/WR/117/-175X2.5X15
165	185.00	190.00	15.00	2.50	SW/WR/117/-185X2.5X15
166	190.00	195.00	15.00	2.50	SW/WR/117/-190X2.5X15
167	195.00	200.00	15.00	2.50	SW/WR/117/-195X2.5X15
168	205.00	210.00	15.00	2.50	SW/WR/117/-205X2.5X15
169	210.00	215.00	15.00	2.50	SW/WR/117/-210X2.5X15
170	225.00	230.00	15.00	2.50	SW/WR/117/-225X2.5X15
171	240.00	245.00	15.00	2.50	SW/WR/117/-240X2.5X15
172	245.00	250.00	15.00	2.50	SW/WR/117/-245X2.5X15
173	270.00	275.00	15.00	2.50	SW/WR/117/-270X2.5X15
174	272.00	277.00	15.00	2.50	SW/WR/117/-272X2.5X15
175	276.00	281.00	15.00	2.50	SW/WR/117/-276X2.5X15
176	280.00	285.00	15.00	2.50	SW/WR/117/-280X2.5X15
177	292.00	296.00	15.00	2.00	SW/WR/117/-292X2X15
178	292.00	297.00	15.00	2.50	SW/WR/117/-292X2.5X15
179	300.00	305.00	15.00	2.50	SW/WR/117/-300X2.5X15
180	174.00	180.00	19.20	3.00	SW/WR/117/-174X3X19.2
181	194.00	200.00	19.20	3.00	SW/WR/117/-194X3X19.2
182	60.00	65.00	19.30	2.50	SW/WR/117/-60X2.5X19.3
183	70.00	76.00	19.50	3.00	SW/WR/117/-70X3X19.5
184	154.00	160.00	19.50	3.00	SW/WR/117/-154X3X19.5
185	121.00	125.00	19.60	2.00	SW/WR/117/-121X2X19.6
186	30.00	34.00	20.00	2.00	SW/WR/117/-30X2X20
187	50.00	56.00	20.00	3.00	SW/WR/117/-50X3X20
188	65.00	70.00	20.00	2.50	SW/WR/117/-65X2.5X20
189	74.00	80.00	20.00	3.00	SW/WR/117/-74X3X20
190	75.00	80.00	20.00	2.50	SW/WR/117/-75X2.5X20
191	106.00	114.00	20.00	4.00	SW/WR/117/-106X4X20
192	114.00	120.00	20.00	3.00	SW/WR/117/-114X3X20
193	119.00	125.00	20.00	3.00	SW/WR/117/-119X3X20
194	195.00	200.00	20.00	2.50	SW/WR/117/-195X2.5X20
195	45.00	51.00	22.50	3.00	SW/WR/117/-45X3X22.5
196	192.00	200.00	22.50	4.00	SW/WR/117/-192X4X22.5
197	84.00	90.00	24.50	3.00	SW/WR/117/-84X3X24.5
198	99.00	105.00	24.50	3.00	SW/WR/117/-99X3X24.5
199	295.00	300.00	24.50	2.50	SW/WR/117/-295X2.5X24.5
200	54.00	60.00	24.60	3.00	SW/WR/117/-54X3X24.6
201	56.00	62.00	25.00	3.00	SW/WR/117/-56X3X25
202	63.00	68.00	25.00	2.50	SW/WR/117/-63X2.5X25
203	70.00	75.00	25.00	2.50	SW/WR/117/-70X2.5X25
204	80.00	85.00	25.00	2.50	SW/WR/117/-80X2.5X25
205	84.00	90.00	25.00	3.00	SW/WR/117/-84X3X25
206	90.00	95.00	25.00	2.50	SW/WR/117/-90X2.5X25
207	104.00	110.00	25.00	3.00	SW/WR/117/-104X3X25
208	110.00	115.00	25.00	2.50	SW/WR/117/-110X2.5X25

209	115.00	120.00	25.00	2.50	SW/WR/117/-115X2.5X25
210	120.00	125.00	25.00	2.50	SW/WR/117/-120X2.5X25
211	121.00	126.00	25.00	2.50	SW/WR/117/-121X2.5X25
212	128.00	135.00	25.00	3.50	SW/WR/117/-128X3.5X25
213	134.00	140.00	25.00	3.00	SW/WR/117/-134X3X25
214	180.00	188.00	25.00	4.00	SW/WR/117/-180X4X25
215	195.00	200.00	25.00	2.50	SW/WR/117/-195X2.5X25
216	242.00	250.00	25.00	4.00	SW/WR/117/-242X4X25
217	300.00	308.00	25.00	4.00	SW/WR/117/-300X4X25
218	50.00	56.00	30.00	3.00	SW/WR/117/-50X3X30
219	63.00	70.00	30.00	3.50	SW/WR/117/-63X3.5X30
220	114.00	120.00	30.00	3.00	SW/WR/117/-114X3X30
221	125.00	131.00	30.00	3.00	SW/WR/117/-125X3X30
222	153.00	160.00	30.00	3.50	SW/WR/117/-153X3.5X30
223	63.00	69.00	31.50	3.00	SW/WR/117/-63X3X31.5
224	80.00	86.00	35.00	3.00	SW/WR/117/-80X3X35
225	194.00	200.00	35.00	3.00	SW/WR/117/-194X3X35
226	120.00	125.00	40.00	2.50	SW/WR/117/-120X2.5X40
227	140.00	148.00	40.00	4.00	SW/WR/117/-140X4X40
228	153.00	160.00	40.00	3.50	SW/WR/117/-153X3.5X40
229	292.00	300.00	40.00	4.00	SW/WR/117/-292X4X40
230	294.00	300.00	40.00	3.00	SW/WR/117/-294X3X40
231	194.00	200.00	50.00	3.00	SW/WR/117/-194X3X50
NB- Custom sizes are manufactured basis request					



O RINGS



PRESSURE	MATERIALS	FEATURES	APPLICATIONS
5000-5500 PSI	NBR	Hardness	Mobile hydraulic
	PU	Tensile strength	Agricultural
	EPDM	Elongation	General industrial
TEMPERATURE RANGE	NEOPRENE	Resistance to fluid	Medium duty cycle
(20)-+200° F	VITON	Compression force	High duty cycle
	PTFE	High temperature effect	

NB O-ring Box kit are also available.



BACK-UP RINGS



PRESSURE	MATERIALS	FEATURES	APPLICATIONS
5000-5500 PSI	NBR	Prevents seals from extruding through spaces while under pressure.	Mobile hydraulic
	PU		Agricultural
	VITON		General industrial
TEMPERATURE RANGE	PTFE		Medium duty cycle
(40)-+240° F			High duty cycle

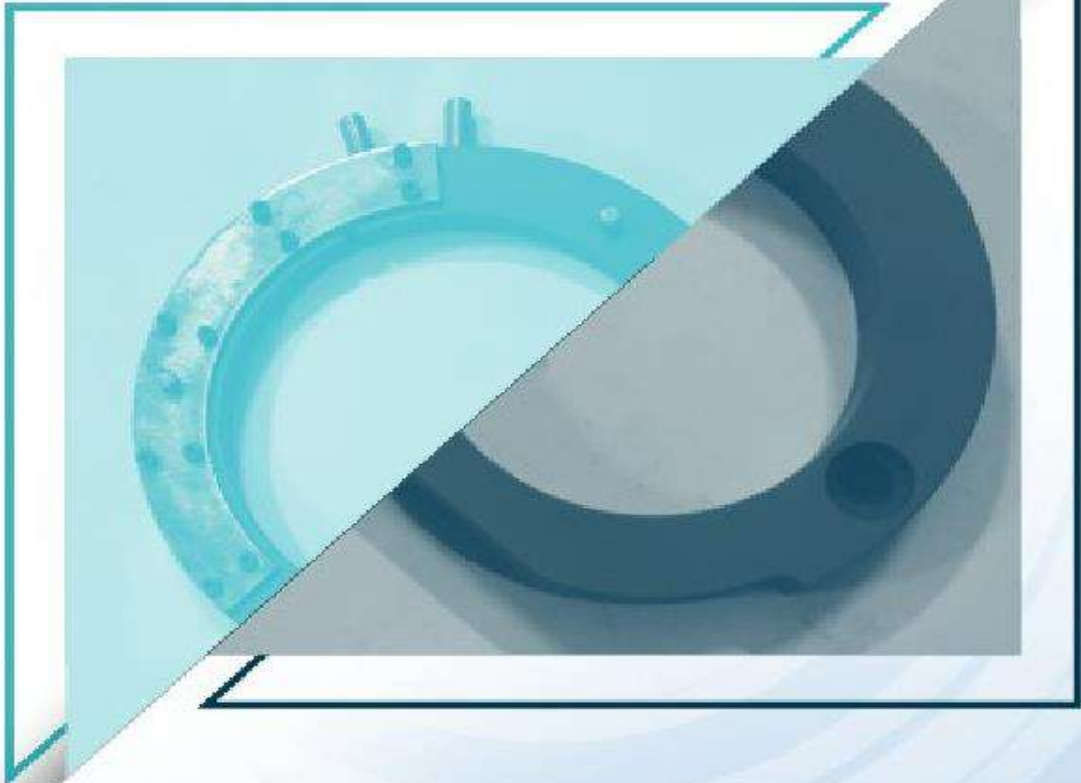


ASSEMBLY SUGGESTIONS

USE AND FITTINGS	
1	All parts must be clean without contamination, metal score marks, welding splatter or any kind of defect.
2	Avoid using pointed and sharp metal tools and avoid keeping the seal in a deformed position for long periods of time.
3	All seals and connecting parts must be lubricated before assembly using the same compatible fluid that will be used in the hydraulic system.
4	The seal must not come into contact with corners, holes wrongly bevelled or threads during assembly.
5	Check the dimensions, roughness and bevelling shape properly.
6	Mounting misalignments cause damage to the rod and tube surface and as such, leakage may take place.
7	If there is a thread diameter over which the seal will pass and the seal diameter is small, some protection should be arranged over the thread to avoid damage to the seal.
8	Checking should be done as regards correct type, part no and size of the seals which are to be fitted in the cylinder.
9	Hydraulic system should be properly flushed before connecting the cylinder to the system.



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