

Design

Designed specifically for one piece pistons, DA double acting seal uses a rubber sealing element which is extremely wear resistant and effective in a wide range of medium duty applications. The multi-lips is designed for efficient dynamic sealing and low friction.



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

OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	0.5m/sec	1.64 ft/sec
Temperature Range	-30 to +100	-22 F + 212 F
Maximum Pressure	400 bar	5801 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Main Seal -NBR 75
- Support Ring - PUS
- Bearing -DE

APPLICATION

- Truck cranes
- Forklift and handling machinery
- Agriculture equipment
- Mobile hydraulics
- Machine tools
- Standard cylinder

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

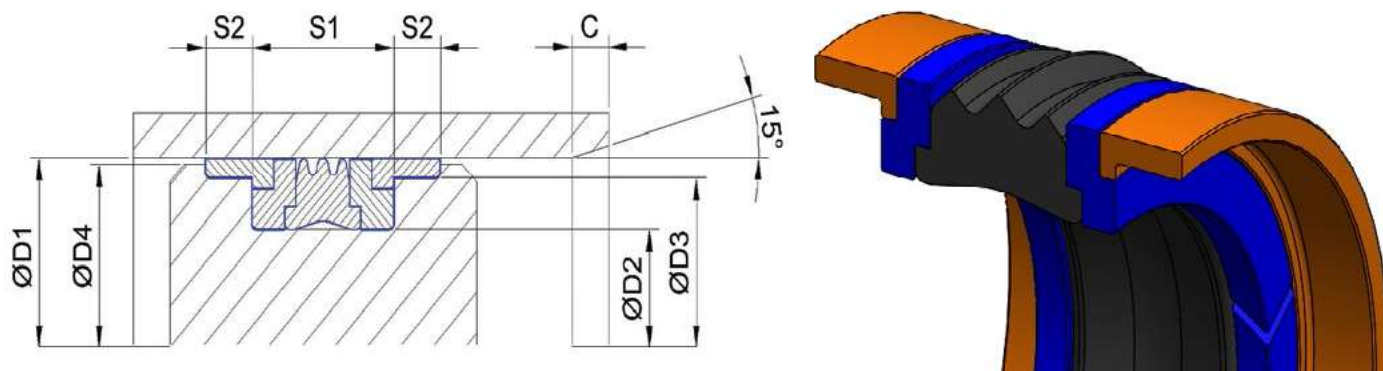
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.4	4
Base Groove	1.6	10
Side Groove	3.2	16

Chamfers & Radii

Chamfer 5 – 15 mm
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -30 to 100, And Tube Bore 50mm - DA5034184/312
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	ØD3	ØD4	S1	S2	PART NO.
40	24	35.4	38.5	18.4	6.4	DA4024184/312
50	34	45.4	48.5	18.4	6.4	DA5034184/312
60	44	55.4	58.5	18.4	6.4	DA6044184/312
63	47	58.4	61.5	18.4	6.4	DA6347184/312
70	50	64.2	68.3	22.4	6.4	DA7050224/352
75	55	69.2	73.3	22.4	6.4	DA7555224/352
80	60	74.15	78.3	22.4	6.4	DA8060224/352
90	70	84.15	88.3	22.4	6.4	DA9070224/352
100	75	93.15	98	22.4	6.4	DA10075224/352
110	85	103.1	108	22.4	6.4	DA11085224/352
120	95	113.1	118	22.4	6.4	DA12095224/352
125	100	118.1	123	25.4	6.4	DA125100254/382
140	115	133	138	25.4	6.4	DA140115254/382
150	125	143	148	25.4	6.4	DA150125254/382
150	125	142.6	148	25.4	9.5	DA150125254/444
160	130	153	158	25.4	6.4	DA160130254/382
160	130	152.6	158	25.4	9.5	DA160130254/444
180	155	171.7	178	25.4	12.7	DA180155254/508
200	175	191.6	198	25.4	12.7	DA200175254/508