



PISTON SEAL

PS152

Features:

Piston seal profile PS152 consists of one polyurethane / polyester seal ring energized with one NBR 'O' ring.

Composition:

SEAL COMBINATION	SEAL RING COMPOUND	O-RING COMPOUND	TEMP. RANGE	WORKING PRESSURE (Max.)	SURFACE SPEED (Max.)
PS152-01	PU09	NB02	-35 to 100°C	315 Bar	0.5 m/s
PS152-02	HY03	NB02	-35 to 100°C	315 Bar	0.5 m/s

For compound detail please refer Royal seal compounds. (Section - III)

Properties:

- Low friction, free of stick slip
- High abrasion resistance
- Low wear
- Minimum installation space required

Application:

- Mobile Hydraulics
- Agricultural equipments
- Material Handling Equipments
- Control and regulating apparatus

Installation :

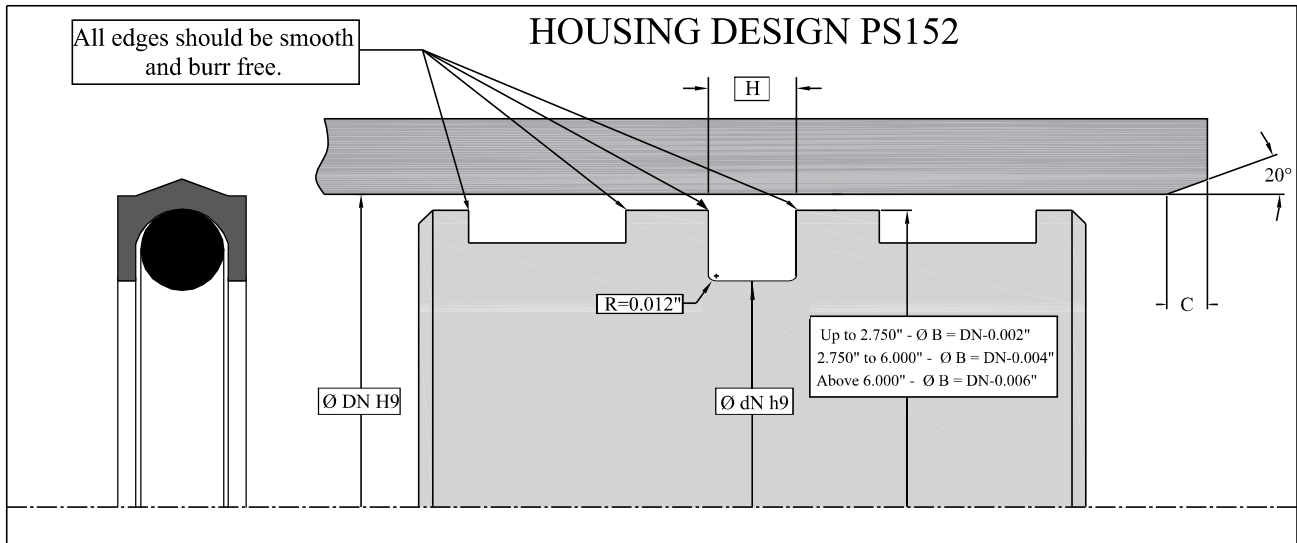
PS152 piston seals can be fitted on single-piece pistons. First insert the rubber O Ring into the housing carefully to avoid twisting of Ring. Install the Polyurethane / polyester part carefully over the O ring.

Ordering format :

Please Follow ROYAL order code to place your order.

Example - for 1.000"X 0.754"X 0.185"X210" Order Code is **PS152-I-01-01.000 X 00.754 X 0.185**

Please contact ROYAL at info@royalcomposites.co.in / info@royalseals.co.in if your required size is not mentioned in Royal standard size list



ROYAL STANDARD SIZE LIST

IMPERIAL SIZES

DN (H9)	dN (h9)	H (+0.008")	REF. O RING DASH NO.	ORDER CODE
1.000	0.754	0.185	210	PS152-I-01-01.000 X 00.754 X 0.185
1.125	0.879	0.185	212	PS152-I-01-01.125 X 00.879 X 0.185
1.250	1.004	0.185	214	PS152-I-01-01.250 X 01.004 X 0.185
1.375	1.129	0.185	216	PS152-I-01-01.375 X 01.129 X 0.185
1.500	1.254	0.185	218	PS152-I-01-01.500 X 01.254 X 0.185
1.500	1.254	0.304	218-2	PS152-I-01-01.500 X 01.254 X 0.304
1.625	1.379	0.185	220	PS152-I-01-01.625 X 01.379 X 0.185
1.750	1.504	0.185	222	PS152-I-01-01.750 X 01.504 X 0.185
1.750	1.504	0.304	222-2	PS152-I-01-01.750 X 01.504 X 0.304
2.000	1.625	0.280	326	PS152-I-01-02.000 X 01.625 X 0.280
2.000	1.625	0.424	326-2	PS152-I-01-02.000 X 01.625 X 0.424
2.250	1.875	0.280	328	PS152-I-01-02.250 X 01.875 X 0.280
2.500	2.125	0.280	330	PS152-I-01-02.500 X 02.125 X 0.280
2.500	2.125	0.424	330-2	PS152-I-01-02.500 X 02.125 X 0.424
2.750	2.375	0.280	332	PS152-I-01-02.750 X 02.375 X 0.280
2.750	2.375	0.424	332-2	PS152-I-01-02.750 X 02.375 X 0.424
3.000	2.625	0.280	334	PS152-I-01-03.000 X 02.625 X 0.280
3.000	2.625	0.424	334-2	PS152-I-01-03.000 X 02.625 X 0.424
3.250	2.875	0.280	336	PS152-I-01-03.250 X 02.875 X 0.280
3.250	2.875	0.424	336-2	PS152-I-01-03.250 X 02.875 X 0.424
3.500	3.125	0.280	338	PS152-I-01-03.500 X 03.125 X 0.280
3.500	3.125	0.424	338-2	PS152-I-01-03.500 X 03.125 X 0.424
3.750	3.375	0.280	340	PS152-I-01-03.750 X 03.375 X 0.280
3.875	3.500	0.280	341	PS152-I-01-03.875 X 03.500 X 0.280
4.000	3.625	0.280	342	PS152-I-01-04.000 X 03.625 X 0.280
4.000	3.625	0.424	342-2	PS152-I-01-04.000 X 03.625 X 0.424
4.250	3.875	0.280	344	PS152-I-01-04.250 X 03.875 X 0.280
4.250	3.875	0.424	344-2	PS152-I-01-04.250 X 03.875 X 0.424
4.500	4.125	0.280	346	PS152-I-01-04.500 X 04.125 X 0.280

