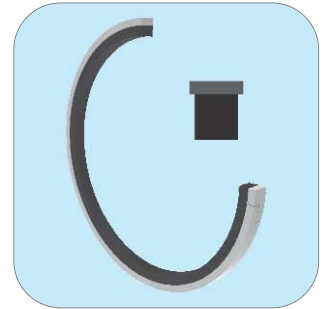


PISTON SEAL

PS088



Features:

Piston seal profile PS088 consists of two piece seal set for sealing pistons with one seal ring and one NBR square/rectangular energizer ring.

Composition:

PS088 is a combination of split glass filled polyamide seal ring along with NBR square energizer ring.

SEAL COMBINATION	SEAL RING COMPOUND	SQUARE ENERGIZER	TEMP. RANGE	WORKING PRESSURE (Max.)	SURFACE SPEED (Max.)
PS088-01	PA10	NB04	-35 to 100°C	500 Bar	1.5 m/s

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

Properties:

- High abrasion resistance
- Low wear and high extrusion resistance
- Wide fluid application range
- Resistance against cold flow
- Minimum installation space required

Application:

- Mobile Hydraulics
- Machine tools
- Material Handling Equipments

Surface finish:

Roughness depth	R(max)	Ra
Sliding surface	≤ 2.5 μm	0.05-0.3 μm
Bottom of groove	≤ 6.3 μm	≤ 1.6 μm
Side of groove	≤ 15 μm	≤ 3μm



SEALS FOR HYDRAULICS & PNEUMATICS

Installation :

PS088 piston seals can be fitted on single-piece pistons. First insert the rubber Square Ring into the housing carefully to avoid twisting of Ring. The split polyamide ring is then carefully placed on the piston above the Square Ring.

Ordering format :

Please Follow ROYAL order code to place your order.

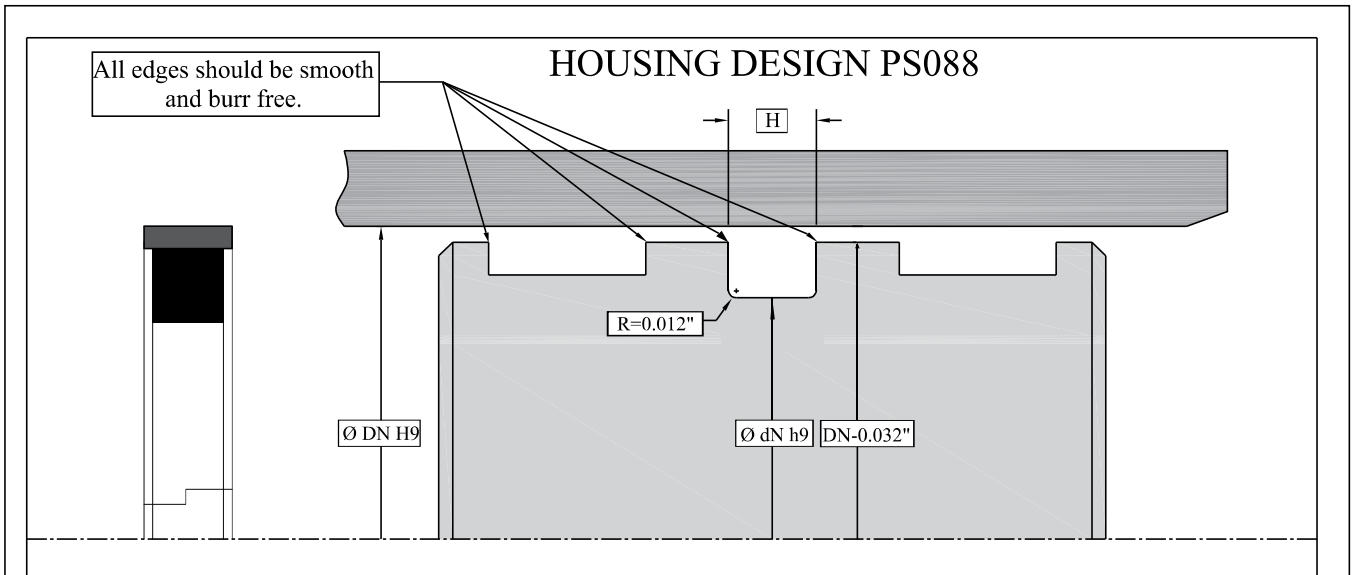
Example - for Imperial Size 2.000"X 1.462"X 0.282" - order code is **PS088-I-01-02.000 X 01.462 X 0.282**

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

SEALS FOR HYDRAULICS & PNEUMATICS



IMPERIAL SIZES

DN (H9)	dN (h9)	H (+0.008")		ORDER CODE
2.000	1.462	0.282		PS088-I-01-02.000 X 01.462 X 0.282
2.000	1.408	0.312		PS088-I-01-02.000 X 01.408 X 0.312
2.250	1.712	0.282		PS088-I-01-02.250 X 01.712 X 0.282
2.500	1.962	0.282		PS088-I-01-02.500 X 01.962 X 0.282
2.500	1.908	0.312		PS088-I-01-02.500 X 01.908 X 0.312
2.750	2.212	0.282		PS088-I-01-02.750 X 02.212 X 0.282
3.000	2.442	0.282		PS088-I-01-03.000 X 02.442 X 0.282
3.000	2.408	0.312		PS088-I-01-03.000 X 02.408 X 0.312
3.250	2.692	0.281		PS088-I-01-03.250 X 02.692 X 0.281
3.500	2.942	0.282		PS088-I-01-03.500 X 02.942 X 0.282
3.500	2.908	0.312		PS088-I-01-03.500 X 02.908 X 0.312
3.525	2.942	0.281		PS088-I-01-03.525 X 02.942 X 0.281
3.750	3.192	0.282		PS088-I-01-03.750 X 03.192 X 0.282
4.000	3.442	0.282		PS088-I-01-04.000 X 03.442 X 0.282
4.000	3.408	0.312		PS088-I-01-04.000 X 03.408 X 0.312
4.500	3.942	0.282		PS088-I-01-04.500 X 03.942 X 0.282
4.500	3.908	0.312		PS088-I-01-04.500 X 03.908 X 0.312
4.750	4.192	0.282		PS088-I-01-04.750 X 04.192 X 0.282
5.000	4.442	0.282		PS088-I-01-05.000 X 04.442 X 0.282
5.000	4.240	0.377		PS088-I-01-05.000 X 04.240 X 0.377
5.250	4.490	0.377		PS088-I-01-05.250 X 04.490 X 0.377
5.500	4.740	0.377		PS088-I-01-05.500 X 04.740 X 0.377
6.000	5.240	0.377		PS088-I-01-06.000 X 05.240 X 0.377
6.500	5.740	0.377		PS088-I-01-06.500 X 05.740 X 0.377
7.000	6.240	0.377		PS088-I-01-07.000 X 06.240 X 0.377
7.500	6.740	0.377		PS088-I-01-07.500 X 06.740 X 0.377
8.000	7.240	0.377		PS088-I-01-08.000 X 07.240 X 0.377
8.500	7.740	0.377		PS088-I-01-08.500 X 07.740 X 0.377
8.500	7.624	0.377		PS088-I-01-08.500 X 07.624 X 0.377

