

DUST SEAL

DS110

Features:

Wiper seal DS110 is a single acting rod wiper for integral housing with external dust protecting lip

Composition:

SEAL COMBINATION	SEAL RING COMPOUND	TEMP. RANGE	SURFACE SPEED (Max.)
DS110-01	PU01/PU40	-40 to 100°C	0.5 m/s
DS110-02	HY06	-40 to 100°C	0.5 m/s

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

Properties:

- Easy snap in installation
- Very good wiping action
- Wiper can be used for a broad temperature range
- No pressure build-up between seal and wiper

Application:

- Presses, fork lift & material handling equipments
- Injection molding machines
- Standard cylinders

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

Minimum chamfer C for :

DN - dN	Metric Sizes (mm)					
	Up to 8	8.1 to10	10.1 to 15	15.1 to 20	20.1 to 25	25.1 and above
C	4.0	4.5	6.0	7.5	8.0	10.0

Fitting:

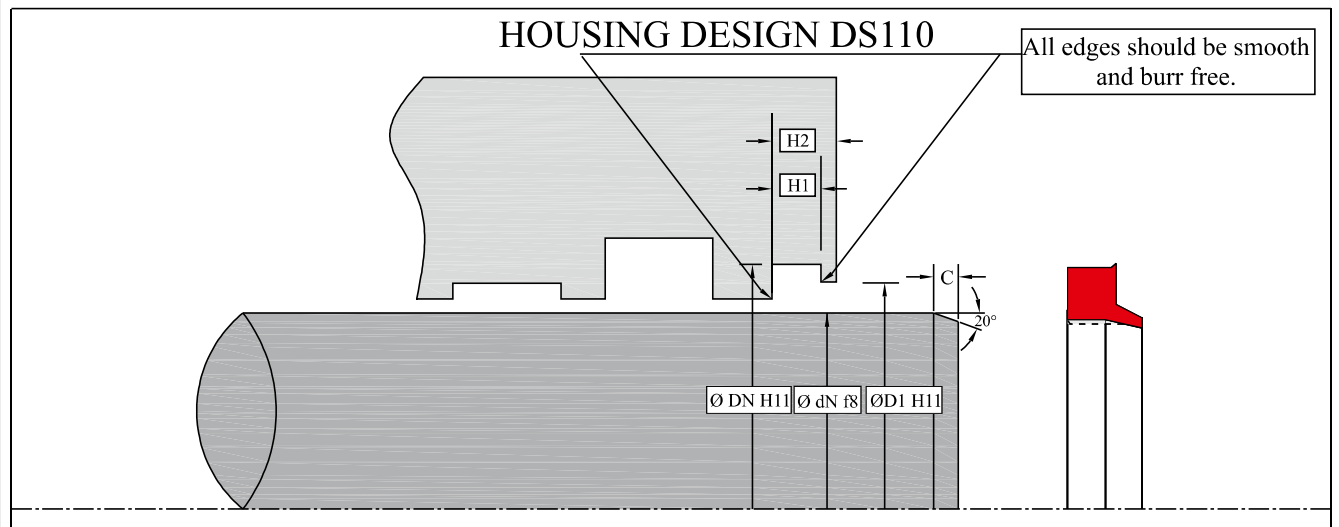
Snap in fitting through a kidney-shaped distortion. Careful fitting is prerequisite for perfect functioning of the wiper.

Ordering format:

Please mention ROYAL order code in your order.

Example: for Metric Size 50 X 58 X 5 / 8 Order code is **DS110-M-01-050.00 X 058.00 X 05.0/08.0**

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

\varnothing dN (f8)	\varnothing DN (H11)	\varnothing D1 (H11)	H1 (+0.20)	H2	ORDER CODE
40.00	48.60	43.00	5.30	7.00	DS110-M-01-040.00 X 048.60 X 05.3/07.0
50.00	58.00	55.50	5.00	8.00	DS110-M-01-050.00 X 058.00 X 05.0/08.0
56.00	66.00	63.00	6.30	10.00	DS110-M-01-056.00 X 066.00 X 06.3/10.0
60.00	68.60	63.00	5.30	7.00	DS110-M-01-060.00 X 068.60 X 05.3/07.0
70.00	80.00	77.00	6.30	10.00	DS110-M-01-070.00 X 080.00 X 06.3/10.0
80.00	90.00	87.00	6.30	10.00	DS110-M-01-080.00 X 090.00 X 06.3/10.0
110.00	125.00	120.00	9.50	14.00	DS110-M-01-110.00 X 125.00 X 09.5/14.0
125.00	140.00	135.00	9.50	14.00	DS110-M-01-125.00 X 140.00 X 09.5/14.0
155.00	170.00	165.00	9.50	14.00	DS110-M-01-155.00 X 170.00 X 09.5/14.0