



## DUST SEAL

## DS044

### Features:

Wiper seal DS044 is a double acting rod wiper with metal casing for open housing.

### Composition:

SEAL COMBINATION	SEAL RING COMPOUND	METAL CASING	TEMP. RANGE	SURFACE SPEED (Max.)
DS044-01	PU01/PU18/PU38	MILD STEEL	-40 to 100°C	0.5 m/s

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

### Properties:

- Easy press fit installation in open housing with locking circlip
- Very good wiping action
- Wiper can be used for a broad temperature range with different materials
- Sealing lips directed inwards gives both side wiping effect.

### Application:

- Presses, fork lift & material handling equipments
- Injection moulding machines
- Standard cylinders
- Mining & construction machineries

### 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

### Fitting:

Wiper seal DS044 are pressed in to open housings with locking circlip. Careful fitting is prerequisite for perfect functioning of the wiper seal.

### Ordering format:

Please mention ROYAL order code in your order.

Example: Size 25.00 X 37.00 X 6.00/9.00

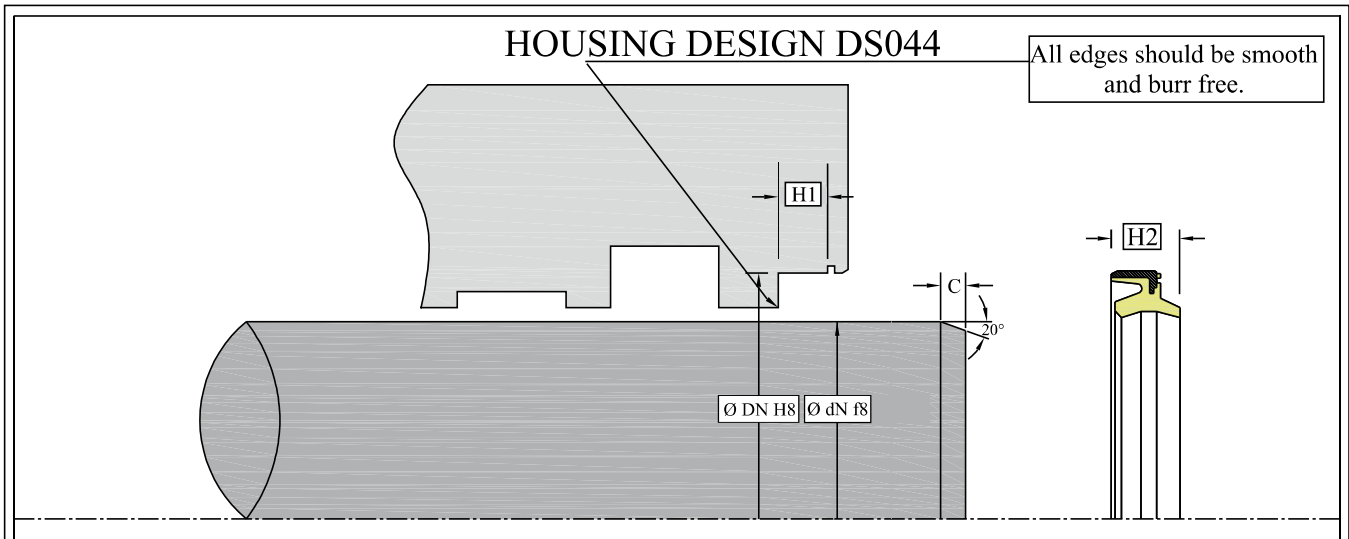
Material-P.U. Order code is **DS044-M-01-025.00 X 037.00 X 06.0/09.0**

We have given all metric(mm) sizes here. For Imperial (inch) sizes please contact ROYAL at [info@royalcomposites.co.in](mailto:info@royalcomposites.co.in) / [info@royalseals.co.in](mailto:info@royalseals.co.in)



**ROYAL**

SEALS FOR HYDRAULICS & PNEUMATICS



**ROYAL STANDARD SIZE LIST**

ØdN (f8)	ØDN (H8)	H1 (+0.20)	H2	ORDER CODE
19.00	26.00	5.00	7.00	DS044-M-01-019.00 X 026.00 X 05.0/07.0
20.00	30.00	7.00	10.00	DS044-M-01-020.00 X 030.00 X 07.0/10.0
20.00	32.00	6.00	9.00	DS044-M-01-020.00 X 032.00 X 06.0/09.0
22.00	34.00	6.00	9.00	DS044-M-01-022.00 X 034.00 X 06.0/09.0
25.00	37.00	6.00	9.00	DS044-M-01-025.00 X 037.00 X 06.0/09.0
25.35	32.00	4.00	6.00	DS044-M-01-025.35 X 032.00 X 04.0/06.0
25.40	34.85	4.70	8.00	DS044-M-01-025.40 X 034.85 X 04.7/08.0
28.00	40.00	6.00	9.00	DS044-M-01-028.00 X 040.00 X 06.0/09.0
30.00	42.00	6.00	9.00	DS044-M-01-030.00 X 042.00 X 06.0/09.0
32.00	44.00	7.00	10.00	DS044-M-01-032.00 X 044.00 X 07.0/10.0
35.00	47.00	7.00	10.00	DS044-M-01-035.00 X 047.00 X 07.0/10.0
36.00	48.00	7.00	10.00	DS044-M-01-036.00 X 048.00 X 07.0/10.0
38.00	50.00	7.00	10.00	DS044-M-01-038.00 X 050.00 X 07.0/10.0
40.00	52.00	7.00	10.00	DS044-M-01-040.00 X 052.00 X 07.0/10.0
45.00	57.00	7.00	10.00	DS044-M-01-045.00 X 057.00 X 07.0/10.0
50.00	62.00	7.00	10.00	DS044-M-01-050.00 X 062.00 X 07.0/10.0
50.00	63.50	8.00	11.00	DS044-M-01-050.00 X 063.50 X 08.0/11.0
50.00	64.00	8.00	11.00	DS044-M-01-050.00 X 064.00 X 08.0/11.0
50.00	72.00	8.00	11.00	DS044-M-01-050.00 X 072.00 X 08.0/11.0
55.00	69.00	8.00	11.00	DS044-M-01-055.00 X 069.00 X 08.0/11.0
56.00	70.00	8.00	11.00	DS044-M-01-056.00 X 070.00 X 08.0/11.0
60.00	73.00	6.00	9.00	DS044-M-01-060.00 X 073.00 X 06.0/09.0
60.00	74.00	8.00	11.00	DS044-M-01-060.00 X 074.00 X 08.0/11.0
63.00	77.00	8.00	11.00	DS044-M-01-063.00 X 077.00 X 08.0/11.0
65.00	79.00	8.00	11.00	DS044-M-01-065.00 X 079.00 X 08.0/11.0
70.00	84.00	8.00	11.00	DS044-M-01-070.00 X 084.00 X 08.0/11.0
75.00	89.00	8.00	11.00	DS044-M-01-075.00 X 089.00 X 08.0/11.0
80.00	94.00	8.00	11.00	DS044-M-01-080.00 X 094.00 X 08.0/11.0
85.00	99.00	8.00	11.00	DS044-M-01-085.00 X 099.00 X 08.0/11.0
90.00	100.00	7.00	9.50	DS044-M-01-090.00 X 100.00 X 07.0/09.5
90.00	104.00	8.00	11.00	DS044-M-01-090.00 X 104.00 X 08.0/11.0
95.00	109.00	8.00	11.00	DS044-M-01-095.00 X 109.00 X 08.0/11.0

