

Wipers

Technical details

Metric

Inch

Operating conditions

Maximum Speed	4.0 m/sec
Temperature Range	-30°C +100°C

12.0 ft/sec
-22°F +212°F



Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic Sealing Face $\varnothing d_1$	0.1 <-> 0.4	4 max	4 <-> 16	5 <-> 18
Static Sealing Face $\varnothing D_1 \varnothing D_2$	1.6 max	10 max	63 max	70 max
Static Housing Faces L_1	3.2 max	16 max	125 max	140

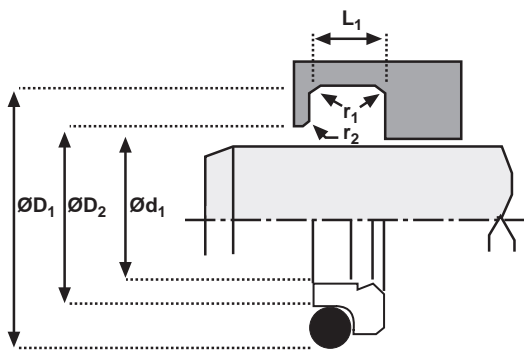
Chamfers & Radii

	1	2	3	4
Max Fillet Rad r_1	0.015	0.015	0.035	0.035
Max Fillet Rad r_2	0.008	0.008	0.008	0.008
Min Chamfer C	0.125	0.160	0.250	0.300
Cross Section Series	1M	2M	3M	4M

Max Fillet Rad r_1	0,7	1,0	1,2	1,5
Max Fillet Rad r_2	0,2	0,2	0,2	0,2
Min Chamfer C	3,2	4,1	6,4	7,6

Tolerances

	$\varnothing d_1$	$\varnothing D_1$	$\varnothing D_2$	L_1 mm	L_1 in
	f9	H10	H11	+0.2 -0	+0.008 -0.0



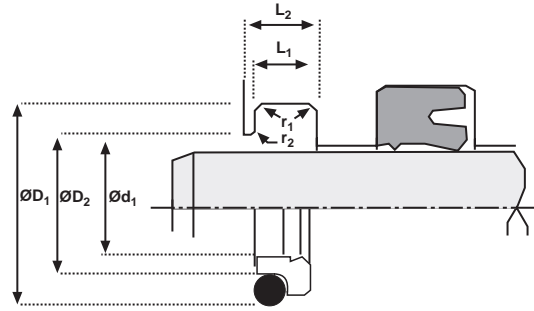
Design

CDI's EX4 Wiper is an O-Ring energized, double acting rod wiper. It is designed to wipe the rod dry during extension and exclude contaminants during retraction.

Features

- Protects primary seal from contamination
- Extends seal life
- Low friction - No stick slip
- High strength machined PTFE wiper
- Wide range of other materials and sizes available for special applications.

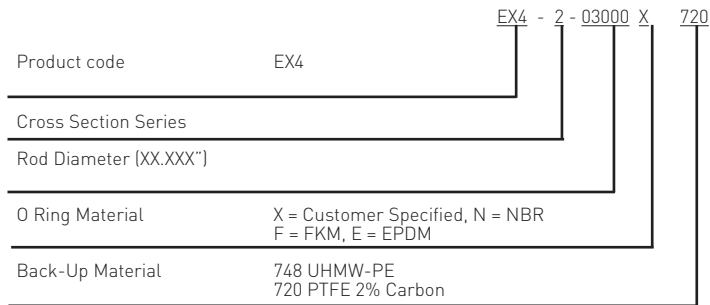
EX4



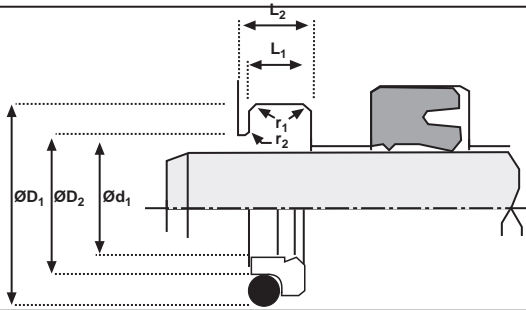
CROSS SECTION SERIES	Ød1 RANGE f9	ØD1 H10	ØD2 H11	L1	L2	O RING SERIES
1	0.500 - 2.499	Ød1 + 0.268	Ød1 + 0.035	0.197	0.277	100
2	2.500 - 5.999	Ød1 + 0.346	Ød1 + 0.045	0.238	0.358	200
3	6.000 - 16.999	Ød1 + 0.480	Ød1 + 0.059	0.331	0.491	300
4	17.000 - 20.000	Ød1 + 0.630	Ød1 + 0.059	0.433	0.593	400

ORDERING INFORMATION

Example: Rod Diameter 3.00in



EX4



CROSS SECTION SERIES	Ød1 RANGE f9	ØD1 H10	ØD2 H11	L1	L2	O RING SERIES
1M	12.0 - 64.9	Ød1 + 6.8	Ød1 + 1.5	5.0	7.0	100
2M	65.0 - 250.9	Ød1 + 8.8	Ød1 + 1.5	6.0	9.0	200
3M	251.0 - 420.9	Ød1 + 12.2	Ød1 + 2.0	8.4	12.4	300
4M	421.0 - 500.0	Ød1 + 16.0	Ød1 + 2.0	11.0	15.0	400

ORDERING INFORMATION

Example: Rod Diameter 70 mm

