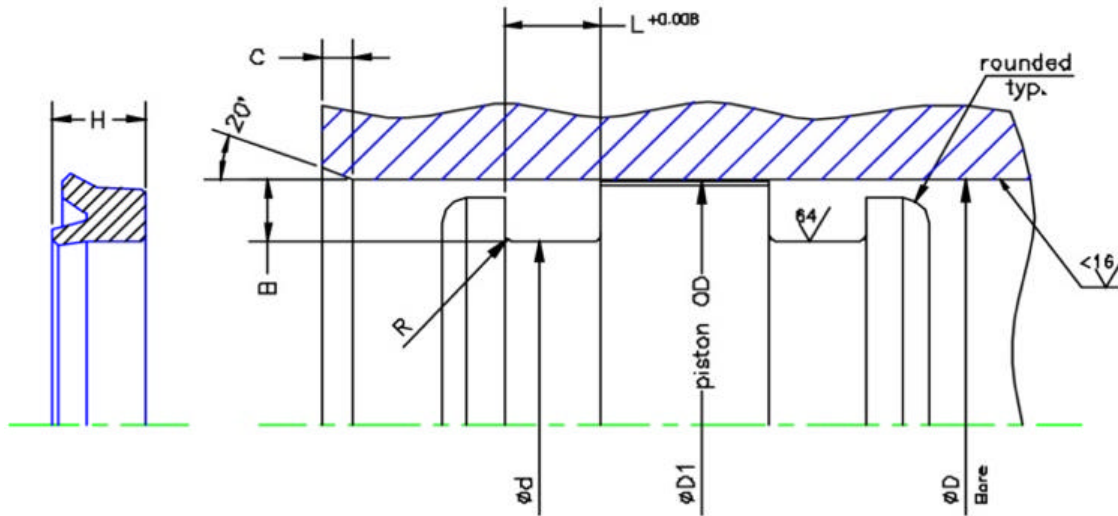


Heavy Duty Piston U-Cup

Hardware Specifications

Type: 201 Series



	B	L	H	D	R typical	C
series1	0.250	0.413	0.375	d - 0.500	0.008	0.195
series2	0.375	0.619	0.563	d - 0.750	0.015	0.195
series3	0.500	0.825	0.750	d - 1.000	0.015	0.250
series4	0.563	0.928	0.844	d - 1.125	0.020	0.295
series5	0.625	1.031	0.938	d - 1.250	0.040	0.295
series6	0.750	1.238	1.125	d - 1.500	0.040	0.400
series7	1.000	1.650	1.500	d - 2.000	0.040	0.500

Piston Dimension D1

A running fit H8 / e8 is suggested when the piston is guided metalically in the groove. Please see attached sheet for details.

Groove dimensions for sizes not listed in the following pages can be calculated from the table above.

Operating Conditions:

The operating conditions listed are based on our standard Polyurethane material. Other materials are available for special applications. In certain applications pressure rating can be increased with adjustment of extrusion gap E.

Material : P03/001 Standard

Pressure	6000psi (400 bar)	
Speed	1.65 ft/sec (0.5 m/s)	
Media - Temp compatibility	Min (F)	Max (F)
Hydraulic oil	-38	250
Water based Emulsions	40	140
Water Glycol	-38	140
Water	40	130
Polyol Ester	-38	150