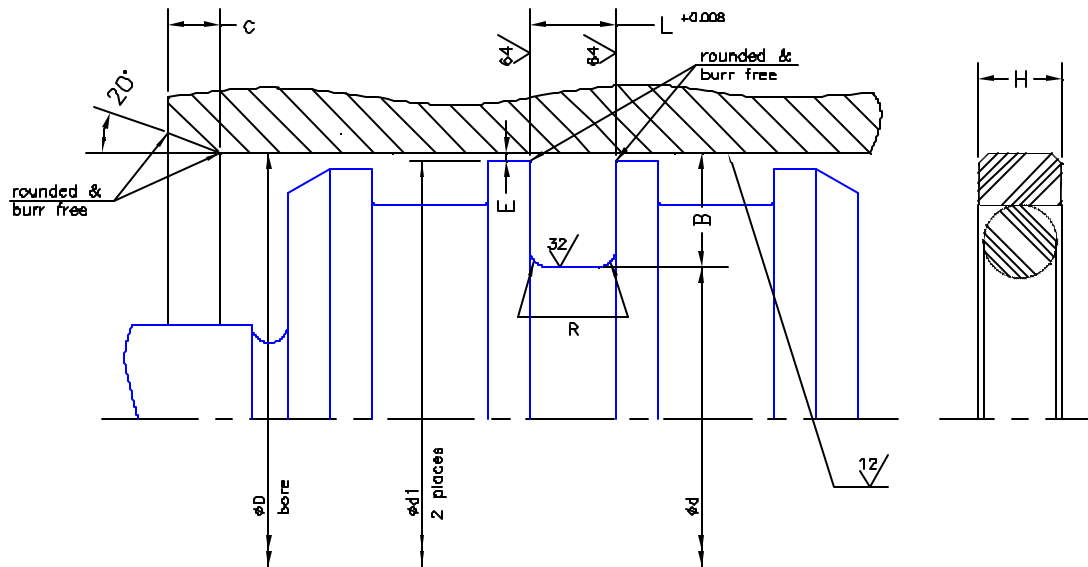
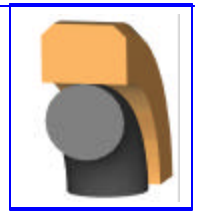


Standard Duty Piston Seal

Hardware Specifications

Type: 208 Series



| | B | L | H | d1 <3000psi | d1 <6000psi | R typical |
|---------|-------|-------|-------|----------------|----------------|--------------|
| series1 | 0.096 | 0.087 | 0.079 | D - 0.016 | D - 0.012 | 0.012 |
| series2 | 0.148 | 0.126 | 0.118 | D - 0.020 | D - 0.012 | 0.020 |
| series3 | 0.217 | 0.165 | 0.157 | D - 0.020 | D - 0.016 | 0.032 |
| series4 | 0.305 | 0.248 | 0.232 | D - 0.020 | D - 0.016 | 0.047 |
| series5 | 0.413 | 0.319 | 0.303 | D - 0.024 | D - 0.020 | 0.079 |
| series6 | 0.482 | 0.319 | 0.303 | D - 0.024 | D - 0.020 | 0.079 |
| series7 | 0.551 | 0.374 | 0.354 | D - 0.024 | D - 0.020 | 0.079 |

| D | C |
|---------------|-------|
| <1.6 | 0.160 |
| 1.6 < 3.15 | 0.240 |
| 3.15 < 5.25 | 0.320 |
| 5.25 < 13.0 | 0.390 |
| 13.0 < 26.38 | 0.470 |
| 26.38 < 37.38 | 0.550 |

Lead-in Chamfers

The extrusion gap "E" is suitable for pressure up to 6000psi and temperatures up to 175 Deg F. For higher pressures or temperatures please consult with us prior to finalizing your design.

Operating Conditions:

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

| | | |
|----------------------------|-----------------------|---------|
| Pressure | 6000psi (400 bar) | |
| Speed | 16.5 ft/sec (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 | 210 |
| Polyol Ester | -38 | 175 |