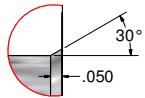
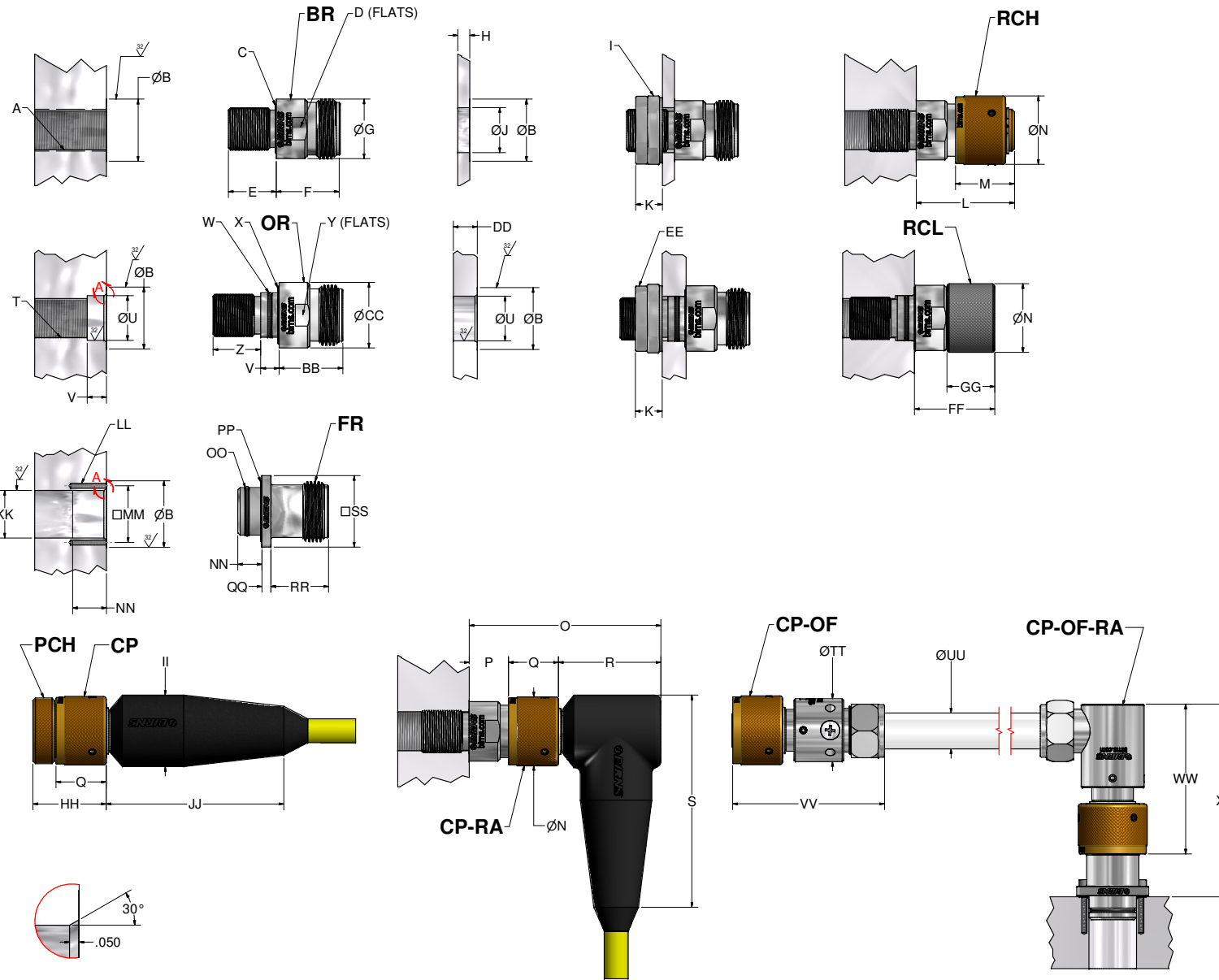


Millennium 3G Dimensions



DETAIL A
TYPICAL O-RING
LEAD IN

| Callout | Description | 3G |
|---------|-------------------------------|-------------------|
| A | BR Mounting Thread | 5/8-24 UNEF-2B |
| B | O-Ring Spot Face | 1.13 |
| C | BR Face O-Ring | 2-017 |
| D | BR Wrench Flats | 7/8 |
| E | BR Thread Length | 1 |
| F | BR Body Height | 1 |
| G | BR Body Diameter | 1 |
| H | BR Vessel Thickness, Drilled | .56 max |
| I | BR Nut/Washer Assy P/N | 241-625 |
| J | BR Drilled Hole Diameter | 0.64 |
| K | BR/OR Nut and Washer Height | 0.36 |
| L | BR/RCH Combined Height | 1.62 |
| M | RCH Height | 0.98 |
| N | Engaging Nut Diameter | 1.06 |
| O | BR/CP-RA Combined Height | 2.56 |
| P | CP to Face Distance, on BR | 0.65 |
| Q | Engaging Nut Height | 0.78 |
| R | RA Overmold Height | 1.13 |
| S | RA Overmold Length | 2.24 |
| T | OR Mounting Thread | 9/16-20 UN-2B |
| U | OR Shaft Seal Diameter | .625 +.002/- .000 |
| V | OR Shaft Seal Depth | 0.43 |
| W | OR Shaft Seal O-Ring | 2-014 |
| X | OR Face Seal O-Ring | 2-017 |
| Y | OR Wrench Flats | 0.88 |
| Z | OR Thread Length | 1 |
| AA | OR Body Height | 1 |
| BB | OR Body Diameter | 1 |
| CC | OR Body Diameter | 1 |
| DD | OR Vessel Thickness, Drilled | .90 max |
| EE | OR Nut/Washer Assy P/N | 241-562 |
| FF | OR/RCL Combined Height | 1.15 |
| GG | RCL Height | 0.6 |
| HH | Engaging Nut/PCH Comb. Height | 1.18 |
| II | Straight Overmold Diameter | 1.11 |
| JJ | Straight Overmold Length | 2.2 |
| KK | FR Shaft Seal Diameter | .687 +.002/- .000 |
| LL | FR Mounting Screw Size | #4 |
| MM | FR Mounting Screw Pattern | 0.906 |
| NN | FR Shaft Seal Depth | 0.5 |
| OO | FR Shaft Seal O-Ring | 2-015 |
| PP | FR Face Seal O-Ring | 2-019 |
| QQ | FR Flange Thickness | 0.19 |
| RR | FR Body Height | 0.81 |
| SS | FR Flange Dimension | 1.13 |
| TT | CP-OF Body Diameter | 1.05 |
| UU | Oil-Filled Tubing Diameter | 1/2 or 3/4 |
| VV | CP-OF Overall Length | 2.82 |
| WW | CP-OF-RA Height | 2.66 |
| XX | FR/CP-OF-RA Clearance Height | 3.1 |