

Example for selecting a part number:

44-40 DOME LOAD/SPRING BIAS

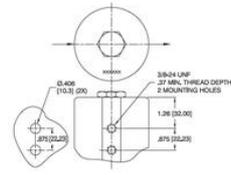
BASIC SERIES	BODY MATERIAL	MAXIMUM PRESSURE	SOFT GOODS			INLET AND OUTLET PORT TYPE		DIA. INCH	MODIFICATION OPTION
			O-RING SEAT	SEAT	GASKET TEMPERATURE*	INLET	OUTLET		
44-40	1 - Brass 2 - 303 Stainless Steel 3 - 316 Stainless Steel 4 - Chrome plated Brass	1 - 100 psig 2 - 200 psig 3 - 250 psig 4 - 120-150 psig 5 - 10-15 psig	E - NBR (Other P)	PCITE PCITE	-15 to 165 F -26 to 74 C	8 - BSP 1 - SAE	8 - 1/2 12 - 3/8 NPT	2.8P 3.0P 3.4P	482 - $C_v = 2.0$
			M - Viton	PCITE PCITE	-40 to 165 F -40 to 74 C	2 - NPT 3 - MS3549			
			P - FFKM Perfluoroelastomer (Kurex)	PCITE PCITE	87 to 165 F -17 to 74 C				
			Polysulfone (Kurex)	PCITE PCITE	-15 to 400 F -26 to 204 C				
			V - POM (Other P)						

44-40 AIR LOAD

BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE	SOFT GOODS			INLET AND OUTLET PORT TYPE		MODIFICATION OPTIONS
			O-RING SEAT	SEAT	TEMPERATURE*	INLET	OUTLET	
44-40	1 - Brass 2 - 303 Stainless Steel 3 - 316 Stainless Steel	8 - 600 psig 8.5 bar 9 - 1500 psig 103 bar	A - Viton Bore N	PCITE PCITE	-40 to 165 F -40 to 74 C	8 - BSP 1 - SAE	8 - 1/2 12 - 3/8 NPT	414 - Air load, venting 415 - Air load, venting $C_v = 2.0$
			M - Viton Propylene	PCITE PCITE	-40 to 165 F -40 to 74 C	3 - MS3549		
			P - FFKM Perfluoroelastomer (Kurex)	PCITE PCITE	87 to 165 F -17 to 74 C			
			Polysulfone (Kurex)	PCITE PCITE	-15 to 400 F -26 to 204 C			
			V - POM (Other P)					

* Brass body is limited to +200 F (93 C) maximum.

PANEL MOUNT DIMENSIONS



DOME LOAD/SPRING BIAS

