

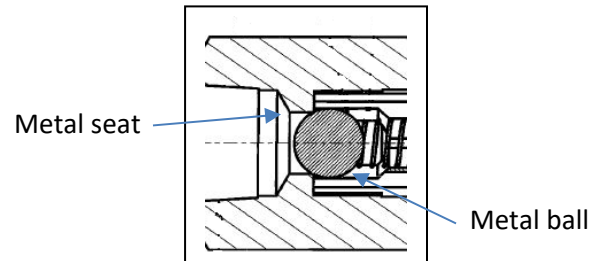
## In-Line Valve Leakage Terminology

This guide applies to Model Codes EC, EDC, C, CP, CPMF20B, CMM, SFP, F, FP, FMF, F\*\*SS316K, and EF.

	Body Material	Port Size (NPT/BSPT/BSPP)	Allowable Leakage
<b>Leak-Tight</b>	Steel	All Sizes	280 cc/minute maximum leakage at setting of 80 PSI air input
	Brass	1/8", 1/4"	125 cc/minute maximum leakage at setting of 80 PSI air input
		3/8", 1/2", 3/4"	280 cc/minute maximum leakage at setting of 80 PSI air input
	Stainless Steel	1/8", 1/4"	125 cc/minute maximum leakage at setting of 80 PSI air input
		3/8", 1/2", 3/4"	280 cc/minute maximum leakage at setting of 80 PSI air input

Term applies to assemblies using a metal-to-metal sealing interface.

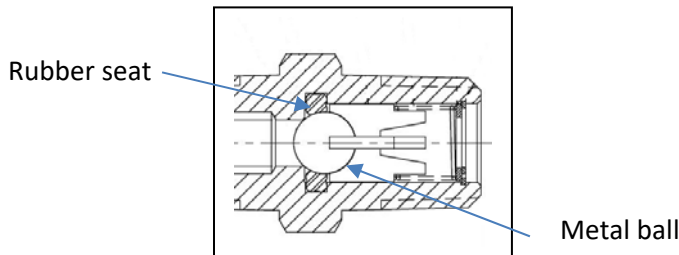
Typical sealing interface



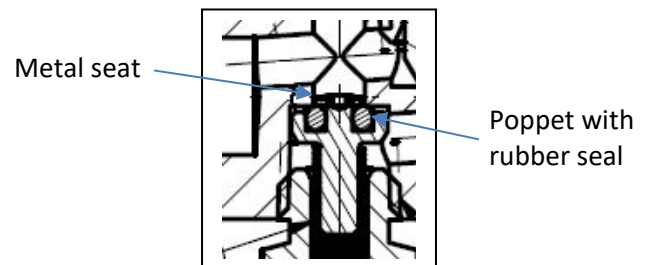
	Body Material	Port Size (NPT/BSPT/BSPP)	Check Type	Allowable Leakage
<b>Bubble-Tight</b>	All	All	Ball Check	0 cc/minute (zero leak) at setting of 80 PSI air input
			Poppet Check	0 cc/minute (zero leak) at setting of 10 PSI air input

Term applies to assemblies using a rubber-to-metal sealing interface.

Typical Ball Check interface



Typical Poppet Check interface



**Note: Guidelines do not apply to 1" port valve size and model codes SV, TV20B, and EV. Refer to part drawing and Leakage Specification 14.14.( ) for additional guidance.**