



Product

Ball Valve Selection Guide

Use this chart to determine which ball valve is most appropriate for your application.

	40/40G	60	83	FKB/IPT	SK/AFS	GB
Construction	Live loaded packing Single-piece body	Live loaded packing Three-piece body	Live loaded packing End-screw design	Trunnion End-screw design	Floating End-screw design	Floating Crimped end design
Application	Instrumentation	Process	High Pressure Instrumentation	Medium/High Pressure	Multipurpose	General Purpose
Size	1/16 to 3/4 in (3 to 12 mm)	1/8 to 2 in (6 to 50 mm)	1/8 to 1/2 in (6 to 12 mm)	1/4 to 1 in (6 to 12 mm)	3/8 to 1 in (6 to 16 mm)	1/4 to 1 in (12 to 25 mm)
Pressure	Up to 3000 psig (206 bar)	Up to 3000 psig (206 bar)	Up to 10000 psig (689 bar)	Up to 20000 psig (1738 bar)	Up to 6000 psig (413 bar)	Up to 6000 psig (413 bar)
Temperature	-65 to 300° F (-53 to 148° C)	-65 to 850° F (-53 to 454° C)	-40 to 450° F (-40 to 232° C)	0 to 250° F (-17 to 121° C)	-40 to 302° F (-40 to 150° C)	-40 to 250° F (-40 to 121° C)
Patterns	2-way 3-way Crossover	2-way 3-way	2-way 3-way	2-way 3-way	2-way	2-way
Compliance Available	API 641 ISO 15848	API 607 API 642 ISO 15848	API 641 ISO 15848	API 641	API 641	API 607 API 641
Segmentation Strategy	Core	Core	Core	Growth	Core	Growth

Complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. Swagelok catalogs can be found at swagelok.com.

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