

Valves



Ball/Plug Valves

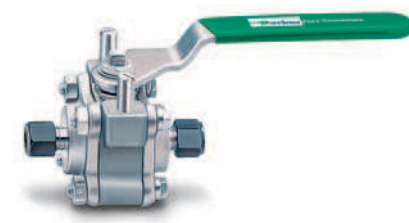
Parker ball and plug valves, with excellent temperature and pressure characteristics, are well established for power, process and instrumentation applications as on/off/diverter or selector valves. Options include lockout devices and round, stainless steel or T-bar handles. Cleaning options include O₂, high purity and grade A. Available with CPI™, A-LOK®, male and female NPT, UltraSeal™ and VacuSeal™ end connections.



- MB Series** (Catalog 4121-MB)
- One piece compact barstock design
 - Center off position for 3-way
 - 2-way, inline, angle; 3-way, 4-way and 5-way
 - Patented seat design
 - Standard drop-in replacement



- B Series** (Catalog 4121-B)
- 2-way, 3-way diverting or spring loaded 3-way selector designs
 - Wide temperature application range -65°F (18°C) to +450°F (232°C)
 - Rated for up to 6000 psi (413.7 bar)
 - Widest variety of seats, seals and port connections
 - Connections include CPI™, A-LOK®, male and female NPT, UltraSeal™ and VacuSeal™



- SWB Series** (Catalog 4125-SWB)
- Zero clearance body allows repairs in field
 - Spring loaded seats and stem seals
 - Fully enclosed body bolts
 - ISO-type actuator mounting design
 - Available up to 1" full flow design



- HB Series** (Catalog 4121-HB)
- Compact FNPT version for tight work areas
 - Full operating pressure in any port
 - PEEK trunnion bearings provide high cycle life
 - 10,000 psi (689 bar) rating with PEEK™ seats
 - Excellent for CNG



- MPB Series Ball Valve** (Catalog 4234)
- 2-way and 3-way ball valve for severe service applications
 - Designed for 1/4 and 1/2 turn media shutoff or switching applications



- PR Series** (Catalog 4126-PR)
- Low operating torque
 - Optional locking device, downstream vent and metal tee handles
 - Typically used in laboratories
 - Most compact 90° actuated valve



- Pneumatic/Electric Actuators** (Catalog 4123)
- 60 Series pneumatic actuators provide 90° and 180° rotation in both double acting and spring return models
 - 70 and 80 Series electric actuators provide 90° and 180° actuation for our B, MB, HB, SWB series ball valves.



- HBV Series** (Catalog 4190-HV)
- Suitable for the most demanding applications in the oil, gas and process control industries
 - Integral compression ends available, eliminating taper threads and thread sealants
 - True two piece design reduces body leakage paths
 - Complies with ANSI/ASME B16.34 requirements where applicable

Valve Groups	Model Series	Product Description	Maximum Operating Pressure	Temperature		Cv	Body Material			Actuation			Seat/Seal Material							End Connection Size Range									
				Min	Max		Brass	Stainless Steel	Alloy	Manual	Pneumatic	Electric	PCTFE	Buna-N Rubber	Ethylene Propylene Rubber	Highly Fluorinated Fluorocarbon	Fluorocarbon Rubber	PFA	GRAFOIL®	PEEK	PTFE	Min	Max	Catalog					
Ball/Plug Valves	MB	Mini Barstock Ball Valve	3000 psi 207 bar	-65 F -54 C	300 F 149 C	11.00	x	x		x	x	x												1/16 in 3mm	3/4 in 12mm	4121-MB			
	B	Ball Valve	6000 psi 414 bar	-65 F -54 C	400 F 204 C	6.40	x	x	x	x	x	x	x	x	x											1/16 in 3mm	3/4 in 12mm	4121-B	
	SWB	Swing Out Ball Valve	2500 psi 172 bar	-65 F -54 C	600 F 316 C	35.00		x		x	x	x		x	x											1/4 in n/a mm	1 in n/a mm	4125-SWB	
	HB	Ball Valve	10000 psi 690 bar	-65 F -54 C	400 F 204 C	1.00		x		x	x	x	x	x	x												1/4 in 6mm	1/2 in 12mm	4121-HB
	MPB	Med. Pressure Ball Valve	20000 psi 1379 bar	-10 F -23 C	400 F 204 C	8.80		x		x	x	x		x	x	x											1/8 in n/a mm	1 in n/a mm	4234
	PR	Plug Valve	3000 psi 207 bar	-10 F -23 C	400 F 204 C	3.20	x	x																			1/8 in 3mm	1/2 in 12mm	4126-PR
	HBV	Ball Valve	6000 psi 414 bar	-65 F -54 C	450 F 232 C			x	x	x																	1/8 in 6mm	1 in 25mm	4190-HBV

