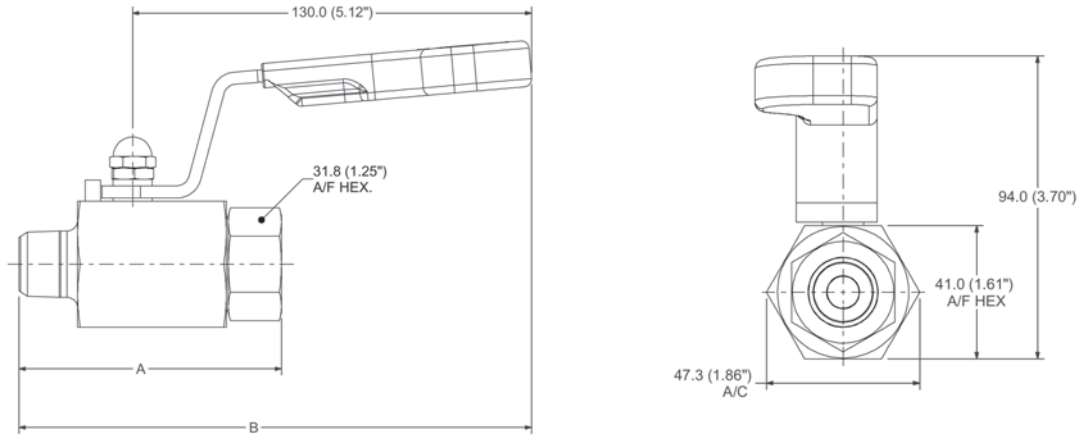


Hi-Pro Ball Valve for up to Class 4500 (10,000 psi/689 bar) operations (10mm bore)



Standard range part numbers 10mm bore

Part number	Part number	Inlet	Outlet	Dimensions	
Class 2500	Class 4500	Female	Female	A mm (inch)	B mm (inch)
HPBY*4FF	HPBY*4FFHP	1/4" Female	1/4" Female	70.0 (2.76)	161.5 (6.36)
HPBY*6FF	HPBY*6FFHP	3/8" Female	3/8" Female	71.0 (2.80)	162.0 (6.38)
HPBY*8FF	HPBY*8FFHP	1/2" Female	1/2" Female	85.0 (3.35)	166.5 (6.56)
		Male	Female		
HPBY*4M4F	HPBY*4M4FHP	1/4" Male	1/4" Female	70.0 (2.76)	161.5 (6.36)
HPBY*8M8F	HPBY*8M8FHP	1/2" Male	1/2" Female	85.0 (3.35)	166.5 (6.56)
		A-LOK®	A-LOK®		
HPBY*4A	—	1/4" A-LOK®	1/4" A-LOK®	95.0 (3.74)	165.5 (6.52)
HPBY*6A	—	3/8" A-LOK®	3/8" A-LOK®	99.1 (3.90)	167.4 (6.59)
HPBY*8A	—	1/2" A-LOK®	1/2" A-LOK®	104.7 (4.12)	170.2 (6.70)
HPBY*M6A	—	6mm A-LOK®	6mm A-LOK®	95.0 (3.74)	165.5 (6.52)
HPBY*M8A	—	8mm A-LOK®	8mm A-LOK®	96.6 (3.80)	166.3 (6.55)
HPBY*M10A	—	10mm A-LOK®	10mm A-LOK®	99.5 (3.92)	167.6 (6.60)
HPBY*M12A	—	12mm A-LOK®	12mm A-LOK®	104.7 (4.12)	170.2 (6.70)

*Insert material code - select from material matrix (B = Standard 316 Stainless Steel). For CPI™ change A to Z.
 "A" dimensions given for finger tight nuts. For compression ended valve pressure ratings consult tube ratings table.
 Combination ends are available.

Standard product specification: PTFE packing with PTFE seats, 10mm bore ball 6,000 psi (414 bar).

Standard product specification: PTFE packing with PEEK seats, 10mm bore ball 10,000 psi (689 bar).

Cold working pressures (psi/bar) in accordance with ANSI/ASME B16.34

Class Rating				
Material	*Insert	1500	2500	4500
316 Stainless steel std	B	3600/248	6000/414	10000/689
Alloy 400	D		5000/345	9000/620
Duplex	E	3600/248	6000/414	10000/689
Super Duplex	F		6000/414	10000/689
Hasteloy	G		6000/414	10000/689
6Mo	K		6000/414	10000/689
Alloy 625	M		6000/414	10000/689

Available options	Part number Suffix
Graphoil packing	3
PEEK seats	PK
Secured end connector	LC
Handle locking	HL
Spanner actuation	SA
Panel mounting	PM
Fire safe design - Graphoil packing (std)	FS
NACE compliant materials**	NC
Retro-fit handle locking kit (for site assembly)	HPHLKIT
PHlex seats	PH
Base mounting holes (consult Parker)	—

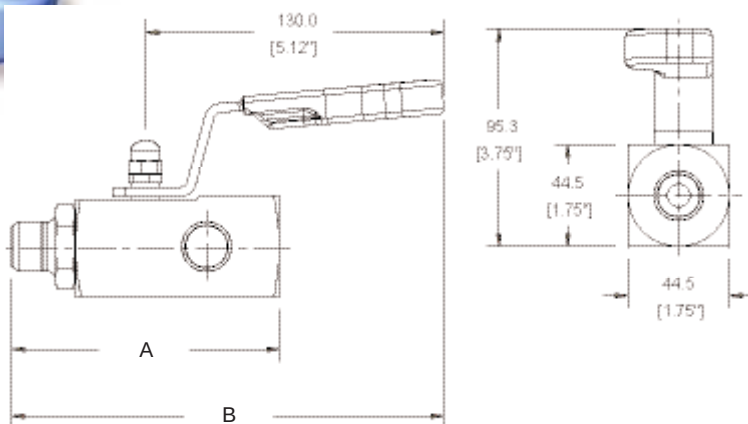
Note: Heat code Trace (HCT) material traceability certificates available on request

**Does not apply for A-lok/CPI ended valves in 316 stainless steel.



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Hi-Pro Multi Port Gauge Valve for up to Class 4500 (10,000 psi/689 bar) operations (10mm bore)



Standard Product Specifications

Part No. HPBYGVB8: 316 Stainless Steel construction, PTFE packing, PTFE seats, 10mm bore ball, 6,000 psi (414 bar), 1/2" NPT male inlet x 3 – 1/2" NPT female outlets.

Part No. HPBYGVB12: 316 Stainless Steel construction, PTFE packing, PTFE seats, 10mm bore ball, 6,000 psi (414 bar), 3/4" NPT male inlet x 3 – 1/2" NPT female outlets.

Part No. HPBYGVB8HP: 316 Stainless Steel construction, PTFE packing, PEEK seats, 10mm bore ball, 10,000 psi (689 bar), 1/2" NPT male inlet x 3 – 1/2" NPT female outlets.

Part No. HPBYGVB12HP: 316 Stainless Steel construction, PTFE packing, PEEK seats, 10mm bore ball, 10,000 psi (689 bar), 3/4" NPT male inlet x 3 – 1/2" NPT female outlets.

Note: To obtain optional bleed valve and/or blank plug with the gauge valve the above part number must be suffixed accordingly. If these parts are required they will be shipped loose in the box for customer assembly using their preferred thread sealant.

Part number	Part number	Inlet	Outlet	Dimensions	
6000 psi (414 bar)	10000 psi (689 bar)	Male	Female	A mm (inch)	B mm (inch)
HPBYGV*8	HPBYGV*8HP	1/2" NPT	3x1/2" NPT	116.5 (4.59)	188.1 (7.41)
HPBYGV*12	HPBYGV*12HP	3/4" NPT	3x1/2" NPT	119.5 (4.71)	191.1 (7.52)

*Insert material code - select from material matrix (B = Standard 316 Stainless Steel).



Bleed valve



Plug

Materials and options as per page 3



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