

INSTRUMENTATION
VALVES



COMFIT-USA

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INSTRUMENTATION & CONTROL

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BALL VALVES

GENERAL BALL VALVE PRODUCT CODE: CGBV



Schematic Diagram



Comfit general ball valve offer quick, quarter turn shut off for chemical, petrochemical, oil & gas, pulp & paper, and instrumentation applications. With its blow out resistant stem, the low - series is an excellent, cost effective choice for tubing applications ranging in size from 1/4" to 1"

FEATURES:

- Blow - out resistant stem
- Positive handle stops
- Straight through flow path
- Stainless steel construction

SPECIFICATION:

- Pressure rating: 1500, 3600 and 6000 PSIG
- Temperature rating: -65 °F to 350 °F (-54°C to 117 °C)
- Orifice: 6.4 to 24 mm
- Body material: Stainless steel
- Body configuration: Inline
- Port connections: ODT, Male thread, Female Thread, SW, BW
- Port size: 1/4" to 1"



GENERAL BALL VALVES					
VALVE CONNECTION		PRODUCT CODE	ORIFICE	PSIG	CODE
INLET	OUTLET				
1/4" NPT (F)		4NF - CGBV	6.4	1500	N/A
1/4" NPT (M)		4NM - CGBV		3600	
1/4" ODT		4T - CGBV		6000	
3/8" NPT (F)		6NF - CGBV - RB	8.0	1500	RB
3/8" NPT (M)		6NM - CGBV - RB		3600	N/A
3/8" ODT		6T - CGBV		6000	
3/8" NPT (F)		6NF - CGBV - FB	10.0	1500	FB
3/8" NPT (M)		6NM - CGBV - FB		3600	
				6000	
1/2" NPT (F)		8NF - CGBV - RB	10.0	1500	RB
1/2" NPT (M)		8NM - CGBV - RB		3600	N/A
1/2" ODT		8T - CGBV		6000	
1/2" NPT (F)		8NF - CGBV - FB	12.5	1500	FB
1/2" NPT (M)		8NM - CGBV - FB		3600	
				6000	
3/4" NPT (F)		12NF - CGBV - RB	12.5	1500	RB
3/4" NPT (M)		12NM - CGBV - RB		3600	
3/4" ODT		12T - CGBV		6000	
3/4" NPT (F)		12NF - CGBV - FB	17.0	1500	FB
3/4" NPT (M)		12NM - CGBV - FB		3600	
3/4" ODT		12T - CGBV - FB		6000	
1" NPT (F)		16NF - CGBV - RB	17.0	1500	RB
1" NPT (M)		16NM - CGBV - RB		3600	
1" ODT		16T - CGBV		6000	
1" NPT (F)		16NF - CGBV - FB	24.0	1500	FB
1" NPT (M)		16NM - CGBV - FB		3600	
1" ODT		16T - CGBV - FB		6000	

Ball Valves

CHPBV SERIES BALL VALVE



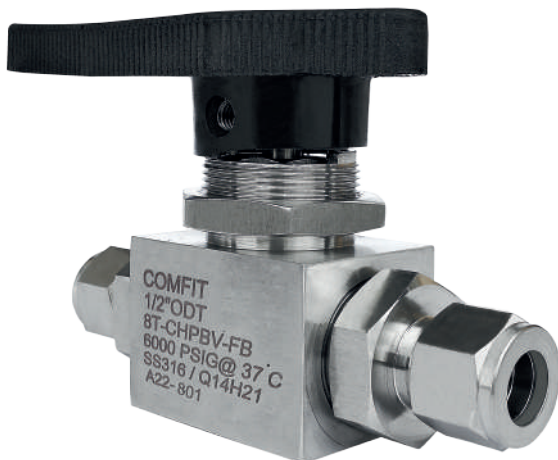
FEATURES:

- Working pressure : Up to 6000 PSIG
- Temperature range: up to 248 °F (up to 120°C)
- Port size : 1/4" to 1/2" , 6mm to 12mm
- Port connection: NPT, tube fittings
- Flow Patterns: 2- way, 3 - way
- Orifice: 4.8 mm
- Materials: SS316, Alloy 400 and other materials are available
- Desing standard: ASME B 16.34, ANSI B1.20.1, ASME B1.1
- Certification: EN 10204 3.1

IBR certification is available upon request.



CHPBV - FB SERIES BALL VALVE



FEATURES:

- Working pressure : 3000 PSIG and 6000 PSIG
- Temperature range: up to 248 °F (up to 120°C)
- Types : Manual operating & self operating
- Connection size: 1/4" , 3/8" , 1/2"
- Port: Full
- Flow Patterns: Straight and angle
- Materials: SS316, alloy 400 and other materials are available
- Desing standard: ASME B16.34, ANSI B1.20.1
- Certification: EN 10204 3.1

IBR certification is available upon request.



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