Needle Valves - Wellhead Gauge and Bleed Valves

Pressures to 30,000 psi (2068 bar)

Series	Tube Outside Diameter Size Inches	Connection Type	Orifice Size Inches (mm)	Rated C_v	Pressure Rating psi (bar) @ Room Temperature
Wellhead Gauge Valve					
20GV	3/8	F375C	0.125 (3.18)	0.23	20,000 (1379)
20GV	9/16	SF562CX	0.125 (3.18)	0.23	20,000 (1379)
30GV	9/16	F562C	0.125 (3.18)	0.33	30,000 (2068)
Bleed Valve					
20BV	3/8	SM375CX	0.093 (2.36)	-	20,000 (1379)
20BV	9/16	SM562CX	0.093 (2.36)	-	20,000 (1379)
30BV	9/16	M562C	0.093 (2.36)	-	30,000 (2068)*

Notes:
** Rating shown is in closed position.*
Rating @ 15,000 psi (1034 bar) in open position. Glands and collars included



Parker Autoclave Engineers' Wellhead Gauge valves are designed for reliable shut-off service at a maximum working pressure of 30,000 psi (2068 bar). The Wellhead Gauge and Bleed Valves are standard in 316 stainless steel material. Special materials available on request.

Applications:

Wellhead Gauge Valve
- Sample Lines
- Instrument calibration

Bleed Valve
- Pressure bleed

Gauge Valve Features:
- One inlet, three outlet ports
- Metal-to-metal bubble tight shut-off
- Packing below stem threads
- Two piece non-rotating stem on standard valves

Bleed Valve Features:
- One piece hex construction allows easy installation
- Vent port tapped for plumbing to safe area
- Tee handle for easy operation
- Positive blow out prevention on stem
- 1/8" NPT outlet connection

Ordering Procedure

Typical catalog number: **30GV9078**

30GV	9	07	8
Valve Series	**Outside Diameter Tube Size**	**Stem Type**	**Body Pattern**
20GV **30GV**	**6**-3/8" **9**-9/16"	**00** - one piece VEE stem **07**- non-rotating VEE stem	**8** - 4 ports, 1 inlet, 3 outlets

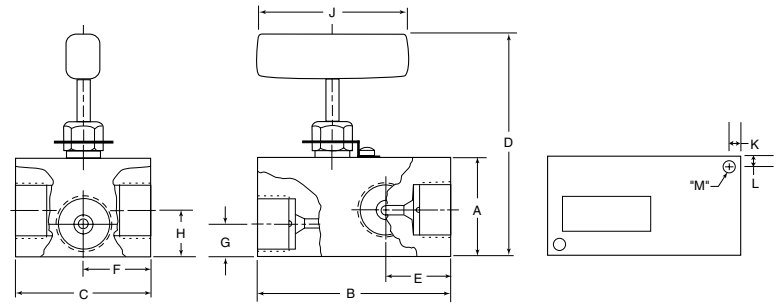
Bleed Valve

Typical catalog number: **30BV9002**

30BV	9	00	2
Valve Series	**Outside Diameter Tube Size**	**Stem Type**	**Body Pattern**
20BV **30BV**	**6**-3/8" **9**-9/16"	**00** - one piece VEE stem	**2** -Angle

Wellhead Gauge Valve

Catalog Number	Connection Type	Connection Size	Pressure Rating psi (bar)	Dimensions - inches (mm) A	B	C	D	E	F	G	H	J	Valve Pattern
20GV6078	SF375CX	3/8	20,000	2.00	3.12	2.00	4.52	1.13	1.00	0.50	0.94	3.00	See Figure 1
			(1379)	(50.80)	(79.25)	(50.80)	(114.80)	(28.58)	(25.40)	(12.70)	(23.83)	(76.20)	
20GV9078	SF562CX	9/16	20,000	2.00	3.88	2.75	4.54	1.31	1.38	0.66	0.94	3.00	
			(1379)	(50.80)	(98.55)	(69.85)	(115.31)	(33.27)	(34.93)	(16.76)	(23.83)	(76.20)	
30GV9078	F562C	9/16	30,000	2.00	3.88	2.75	4.50	1.31	1.38	0.66	0.94	3.00	
			(2068)	(50.80)	(98.55)	(69.85)	(114.30)	(33.27)	(34.93)	(16.76)	(23.83)	(76.20)	

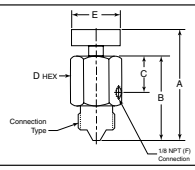


Mounting Dimensions	K	L	"M" Dia.
20GV6078	.25 (6.4)	.25 (6.4)	.28 (7.1)
20GV9078	.38 (9.7)	.38 (9.7)	.28 (7.1)
30GV9078	.38 (9.7)	.38 (9.7)	.28 (7.1)

Figure 1 - Wellhead Gauge Valve

Bleed Valve

Catalog Number	Connection Type	Connection Size	Pressure Rating psi (bar)	Dimensions - inches (mm) A	B	C	D	E	Valve Pattern
20BV6002	SM375CX	3/8	20,000	3.23	2.42	1.12	1.38	1.50	
			(1379)	(82.04)	(61.47)	(28.45)	(35.05)	(38.10)	
20BV9002	SM562CX	9/16	20,000	3.68	2.86	1.12	1.38	1.50	
			(1379)	(93.47)	(76.64)	(28.45)	(35.05)	(38.10)	
30BV9002	M562C	9/16	30,000	3.44	2.61	1.12	1.38	1.50	
			(2068)	(87.38)	(66.29)	(28.45)	(35.05)	(38.10)	



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