Block & Bleed and Double Block & Bleed Manifolds

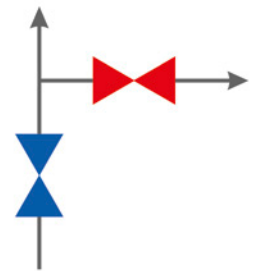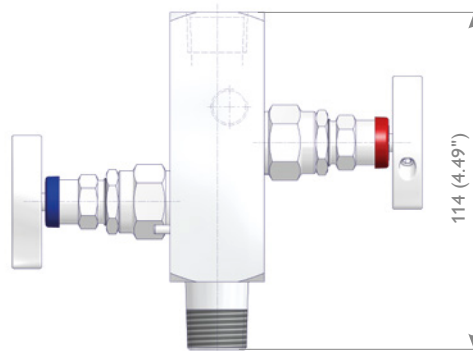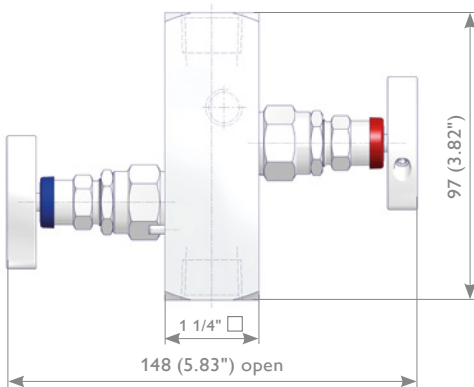## Block & Bleed and Double Block & Bleed Manifolds

AS-Schneider Block & Bleed and Double Block & Bleed Manifolds are designed for mounting to Pressure Gauges, Pressure Transmitters and Pressure Switches. The standard vent connection is 1/4 NPT female. Pipe plugs are not installed as standard. For plugged vent ports (factory installed) – see also options next page – Ordering Information Block & Bleed Manifolds. Accessories like Swivel Gauge Adaptors, Vent Valves etc. see Pages 48-53.

The dimensions shown apply only to the illustrated valves (1/2 NPT Threaded) – if you need the dimensions for your individual type or should you still not find your options at all please contact the factory.

Block & Bleed Manifolds – Female Threaded Instrument Connection

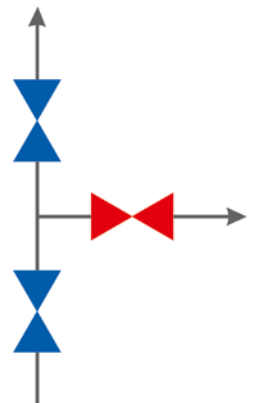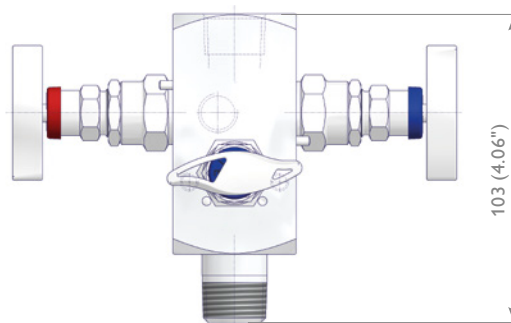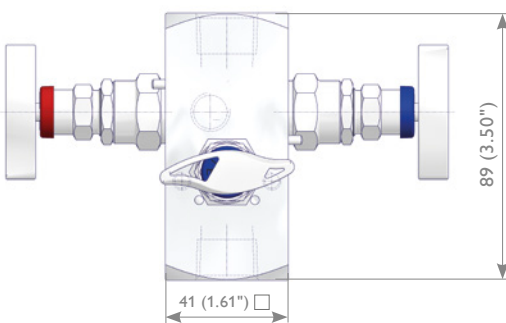SAFF Type   SAMF Type

Double Block & Bleed Manifolds – Female Threaded Instrument Connection

CAFF Type   CAMF Type

Mounting Bracket
AKM-G Type
See also Page 48.

Mounting Bracket
AKM-S Type
See also Page 48.

Ordering Information

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
S	A	M	F	M	A	-	N	4	N	4	-	9	Q	U	

S   Block & Bleed Manifolds
C   Double Block & Bleed Manifolds

Vent Connection

A	1/4 NPT Female	C	G 1/4 Female
B	1/2 NPT Female	D	G 1/2 Female

Inlet

M	Male	B	Butt Weld End
F	Female	S	Socket Weld End
T	Integral Tube Fitting	A	1/2 NPT with Tube Fitting

Outlet

M	Male	G	Adjusting Nut (For Connection Code G2, G4 and M4 only)
F	Female	D	Swivel Nut [Wire Design] (For Connection Code G2, G4 and M4 only)

Material

S	1.4401 / 1.4404 / 316 / 316L	F	Duplex UNS S31803	B	6Mo UNS S31254
M	Alloy 400 UNS N04400	D	Super Duplex UNS S32750	T	Titanium Grade 2
H	Alloy C-276 UNS N10276	V	Alloy 625 UNS N06625		

Bonnet

A	PTFE	K	O-Ring FKM (FPM by ISO)
B	Graphite	W	Carbon filled PTFE – TA-Luft
D	ISO FE Series Type 1	2	Bellows sealed PN 100
E	ISO FE Series Type 3	4	Bellows sealed PN 250

Inlet

	Thread Type		Fitting Type		Butt Weld End		Socket Weld End
N	NPT	C	Single Ferrule Tube Fitting	4	1/2" Pipe	D	For 12 mm Tube (Ø 12.2 mm)
G	BSP Parallel (G) – EN 837-1	K	Twin Ferrule Tube Fitting	6	3/4" Pipe	E	For 14 mm Tube (Ø 14.25 mm)
H	BSP Parallel (G) – DIN 3852			D	12 mm	2	For 1/4" Pipe
R	BSP Taper (R/Rc) – ISO 7/1			E	14 mm		
M	Metric similar to EN 837-1						

	Inch Sizes		Tube Fitting Sizes		Wall Thickness Butt Weld	A	Socket Weld
2	1/4	4	12 resp. 12S	P	Schedule 80		
4	1/2	5	14 resp. 14S	Q	Schedule 160		
6	3/4	9	1/2"	2	2.0 mm		
				8	2.6 mm		
				A	3.2 mm		

Metric Size

4   M 20 x 1.5

Outlet

	Male / Female Thread Sizes		Thread Sizes EN 837-1 - Female Threads only
N2	1/4 NPT Female Thread only	G2	G 1/4 (1/4 BSP P)
N4	1/2 NPT	G4	G 1/2 (1/2 BSP P)
R4	R/Rc 1/2 – ISO 7/1 (1/2 BSPT) Female Thread only	M4	M 20 x 1.5

Options - Specify in alphabetical order (digits first, then letters)

B	Cleaned and Lubricated for Oxygen Service – For PTFE Packing only
F	PCTFE Soft Tip
G	POM Soft Tip
S	Stellite Valve Tip
A	Vent Ports Plugged
H	10,000 psi (689 bar) for PTFE Packing I 7,252 psi (500 bar) for Graphite Packing
P	Power Piping ASME B31.1 – For Graphite Packing only
K	Arctic Operations (-55°C (-67°F)) – For PTFE Packing only
M	Wetted Parts with 3.1 certificate

Operation Options

J	Stainless Steel Handwheel with Locking Plate Design
T	Anti-Tamper Bonnet (Key to be ordered separately)
R	Anti-Tamper Bonnet (1 Key supplied per Valve/Manifold)
Q	AT-Key Lock Bonnet Design
U	Padlock for Anti-Tamper Bonnet / AT-Key Lock Bonnet Design
W	Stainless Steel Handwheel

Accessory Kits

8	SST Mounting Bracket AKM-S Type for 2" Pipe Mounting supplied separately – For Vertical Impulse Piping Installations of Block & Bleed Manifolds Type S
9	SST Mounting Bracket AKM-G Type for 2" Pipe Mounting supplied separately – For Vertical Impulse Piping Installations of Double Block & Bleed Manifolds Type C

Wetted Parts according to above mentioned material list are supplied according to NACE MR0175/MR0103 and ISO 15156 (latest issue) - except Titanium Grade 2.
Note: Not every configuration which can be created in the ordering information is feasible / available.

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