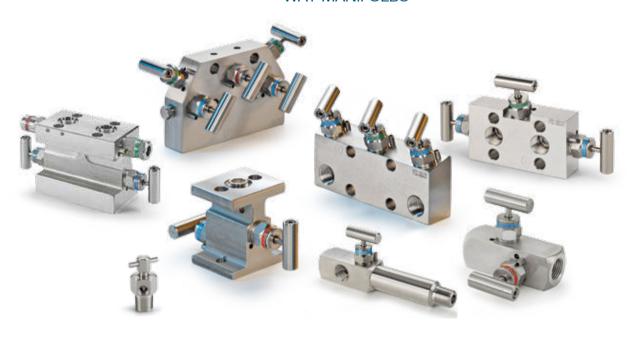
Instrument Valves & Manifolds





WAY MANIFOLDS





OVERVIEW

ASTAVA offers a broad line of 1,2,3,4 and 5 instrument manifolds-all available in a wide range of materials and fully compatible with the requirements of the Oil & Gas, Petro-Chemical and Chemical industries. In addition to this standard range of products, ASTAVA has over 3,500 different types of valves and manifolds available.



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ASTAVA draws from a strong engineering heritage, as well as seasoned business management. We offer a broad range of products – valves and manifolds suitable for gas and liquid services-as well as full-service solutions that include custom engineering, design and manufacture of Instrument enclosures, modular mounting systems, hook-ups and interlocking solutions for critical conditions and temperatures.





As a customer-focused company, ASTAVA provides high-quality products and engineering solutions that address our customers' business and technical requirements.

For the ASTAVA line, we can offer scalability to design:

- Choice of materials from AISI 316(L) to special alloy solutions for highly toxic areas
- Connections, pressure and temperature ratings varieties
- Bonnet assemblies offer different stem, seal and material selections
- Option for standard packing, O-Ring sealing and fugitive emissions bonnets
- Extensive range of valve configurations and flow schemes
- Fully equipped instrument enclosures

With over 50 years of designing and manufacturing reliable products and solutions, ASTAVA has acquired an outstanding reputation for quality and customer service. We are always inspired by the need to evolve and stay ahead of the





MANIFOLD FEATURES AND BENEFITS

The following unique features of the Astava line of instrument manifolds enable tailoring our high-quality products to the exact requirement of the customer and application:

NACE MR-01-75 / MR-01-03

All manifolds comply with NACE MR-01-75 / MR-01-03 standards.

FULL TRACEABILITY

All products are fully traceable to their components.

WIDE VARIETY OF SEALING MATERIALS

PTFE; Grafoil®; Fluorocarbon FKM; NBR; EPDM; Silicon; and perfluorelastomer providing a wide coverage of applications.

CERAMIC STEM BALL TIP AI₂O₃

Superior hardness prevents deformation of the sealing tip and wear, significantly increasing the lifetime of the product for isolation purposes.



BONNET SELECTIONS

O-ring stem-seal bonnet

- 1. No packing adjustment
- 2. Extremely low operating torque
- 3. Compact design
- 4. Long life-cycle
- 5. Sealing below stem thread
- 6. Metal-to-metal bonnet option

Packing stem-seal bonnet

- 1. Wide chemical compatibility range
- 2. High temperature option (Grafoil®)
- 3. Low operating torque
- 4. Sealing below stem thread

STEM MATERIAL

ST. ST. 316 Ti with chromium carbide diffusion coating

- 1. Long life-cycle
- 2. Galling prevention

Features

- Certified for ISO 15848-1:2006(E), (With PEEK or Polyimide seals)
- Blowout-proof stem
- Integrated back seat on stem for a secondary seal in the fully opened position
- Safety stop pin prevents the bonnet from detaching the body due to vibration
- Stem seals below stem threads
- A choice of O-ring materials
- Oxygen clean per ASTM G-93 as an option
- 100% Factory Tested Compliance with MSS-SP-99
- Direct mount flange design per IEC61518 (MAWP 6000 psig)
- Working pressure range up to 690 bar (10,000 psig)
- Working Temperature range up to 550°C (1022°F)

Grafoil —TM GrafTech International Holdings, Inc.

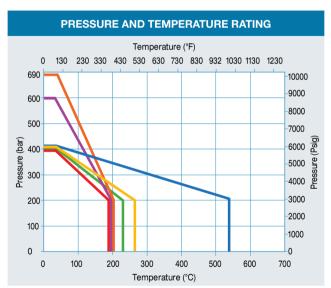


The special sealing design applied in all ASTAVA Instrument Manifolds features a non-rotating ceramic ball tip.

The chemical composition of a ceramic ball tip is superior in hardness and functionality to a metal ball tip, eliminating sealing tip deformation and significantly increasing the lifetime of the product.

The stem threads are rolled and an integrated back seat design is applied to the packing type of bonnet. Applying a Stainless Steel 316 Ti stem with a chromium carbide diffusion coating results in maximum operation cycles and minimal risk of stem galling. Both packing and O-ring bonnets are designed with sealing below stem threads for maximum protection of the stem threads.

For maximum safety, the bonnet design prevents stem blowout, and a locking pin prevents unintentional disassembling of the bonnet.



Daaldaa		
Packing Material	Grafoil [®]	Down to -60°C (-76°F)
Material	PTFE	Down to -60°C (-76°F)
		Down to -60°C (-76°F)
	Polyimide	Down to -10°C (14°F)
O Dim		
O-Ring Material	Fluorocarbon FKM	Down to -20°C (-4°F)
Material	NBR	Down to -34°C (-29°F)
	Perfluor	Down to -40°C (-40°F)
	EPDM	Down to -45°C (-49°F)
	10,000 psi (69	O bar) Available upon request

Grafoil —TM GrafTech International Holdings, Inc.

Astava valve bonnets have color coded ring labels for service identification:







Red: Vent Valves

Blue: Isolate Valves

Green: Equalize Valves

For severe service applications, ASTAVA manifolds can be configured with a metal-to-metal seal below the bonnet thread. A dust ring is attached to the bonnet thread or tack weld on the locking pin for extreme vibrating conditions.



HANDLE OPTIONS

The standard handle of the ASTAVA line of instrument manifolds is a Stainless Steel T-bar. For high pressure applications of 10,000 psi (690 bar). an extended T-bar or hand wheel can be applied. Anti-tamper bonnet and key* lock options assure that the manifold is operated by qualified personnel only.

*Not included in order of anti-tamper bonnet manifold. This key should be separately ordered.

CLEANING

All ASTAVA instrument manifolds are cleaned in accordance with the ASTAVA cleaning procedure. Oxygen clean is available in accordance with ASTM G-93.

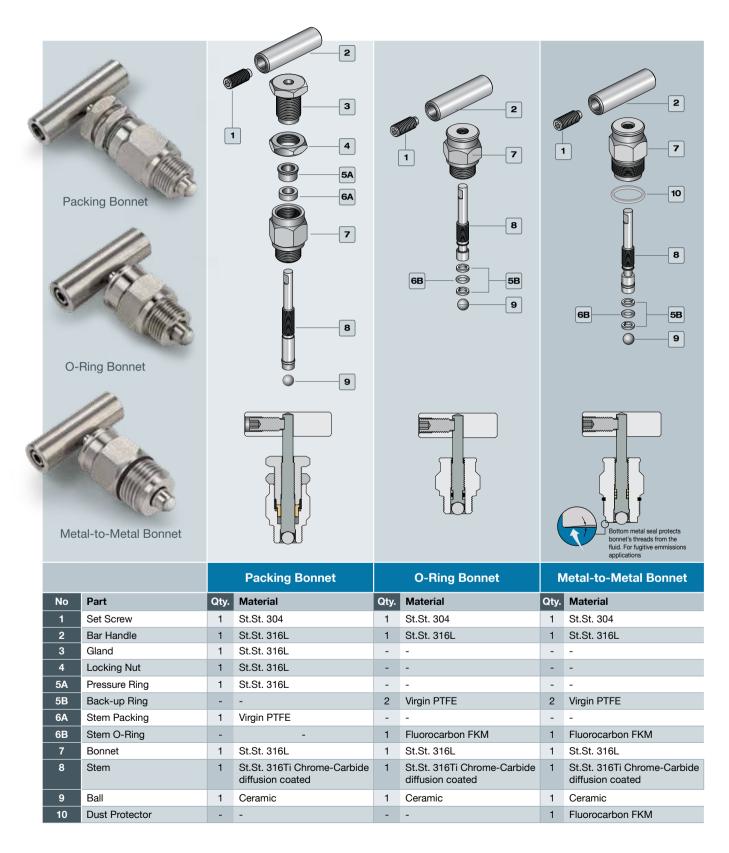
TESTING

All ASTAVA instrument manifolds are factory tested with Nitrogen at 800 psig (55 bar) based on MSS-SP-99. Seats have a maximum allowable leak rate of 0.1 std cm3/min. The Hydrostatic and Helium leak tests are available upon

request.



MATERIAL OF CONSTRUCTION





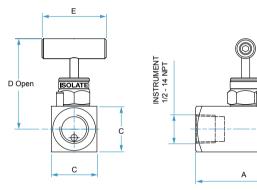
STANDARD CONFIGURATION DIMENSIONS 1-WAY MANIFOLDS

nent			End Connection	ASTAVA					Dimen	sions												
ı	Instrur Mount Type	oount of the contract of the c		Ordering Part Number		A		3	(;)	E	•								
	Ĭ Ž Ž	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in							
	Remote	1/2" FNPT	1/2" FNPT	-	102-06	70.0	2.76	-	-	32.0	1.26	63.0	2.48	45.0	1.77							
	Mount	1/2" FNPT	1/2" FNPT	-	102-01	70.0	2.76	-	-	32.0	1.26	79.0	3.11	50.0	1.97							
		1/2" MNPT	1/2" FNPT(3x)	-	104-06	110.0	4.33	38.0	1.50	32.0	1.26	63.0	2.48	45.0	1.77							
		1/2" MNPT	1/2" FNPT(3x)	-	104-01	110.0	4.33	38.0	1.50	32.0	1.26	79.0	3.11	50.0	1.97							

PROCESS 1/2-14 NPT

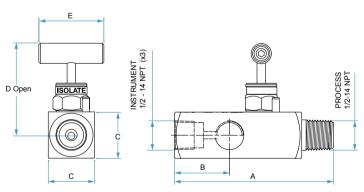
NEEDLE VALVE

102-06





MULTIPORT VALVE

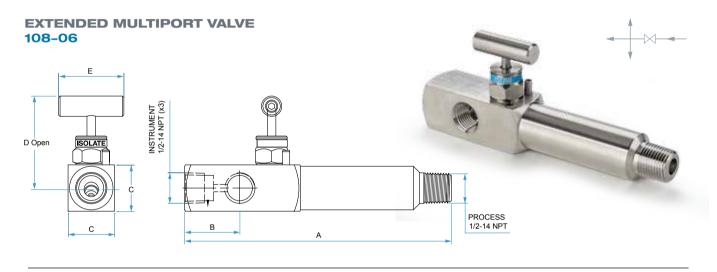




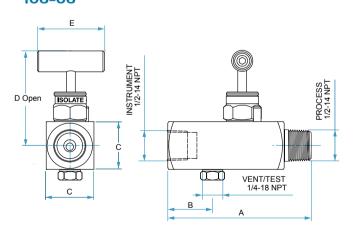


STANDARD CONFIGURATION DIMENSIONS 1-WAY MANIFOLDS

End Connec				ASTAVA					Dimen	sions				
Instrum Mount Type	<u></u>			Ordering Part Number	A		E	3	(;)	E	Ē
Ĩ Ž À	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in
Remote	1/2" MNPT	1/2" FNPT (3x)	-	108-06	184.0	7.24	38.0	1.50	32.0	1.26	63.0	2.48	45.0	1.77
Mount	1/2" MNPT	1/2" FNPT (3x)	-	108-01	184.0	7.24	38.0	1.50	32.0	1.26	79.0	3.11	50.0	1.97
	1/2" MNPT	1/2" FNPT	1/4" FNPT	106-06	100.0	3.54	30.0	1.18	32.0	1.26	63.0	2.48	45.0	1.77
	1/2" MNPT	1/2" FNPT	1/4" FNPT	106-01	100.0	3.54	30.0	1.18	32.0	1.26	79.0	3.11	50.0	1.97











ORDERING INFORMATION 1-WAY MANIFOLDS

HOW TO ORDER

Family Type-Flow Connection

		Schematic Flow	Sketch	Connection	Size	Туре	
	01			Female to Female	1/4	NPT	
1	02		<u>-</u>	Female to Female	1/2	NPT	
	03			Male to Female	1/2	NPT	
	04	***	Ξ	Male to Female	1/2	NPT	
	06	→ 1	Ā	Male to Female	1/2	NPT	
	08	*	<u> </u>	Male to Female	1/2	NPT	

	y / Sealing ection		Optio	ns
Code	Packing	Material		Connection
-01	PTFE	SS 316(L)	/ AT	Anti-Tamper Bonnets
-02	PTFE	Alloy 400	/C	Oxygen Cleaned
-03	PTFE	Alloy C-276	/LD	Locking Device
-04	PTFE	Titan		
-05	Grafoil	SS 316 (L)		
-06	Fluorcarbon FKM	SS 316 (L)		
-09	Perfluoroelas- tomer	SS 316 (L)		
-12	PTFE	Alloy 625		
-22	PTFE	Duplex F51		
-29	PTFE	Super Duplex F53		
-40	PTFE	Alloy 825		
-81	PTFE	321		

All connections BSPP

10K Solution 3/4" Process &

Instrument

/B

/10K

/34

Warning!

The system designer and user have the sole responsibility for selecting products suitable for their special application requirements, ensuring their safe and trouble-free installation, operation, and maintenance. Application details, material compatibility and product ratings should all be considered for each selected product. Improper selection, installation or use of products can cause property damage or personal injury.

Grafoil —TM GrafTech International Holdings, Inc.

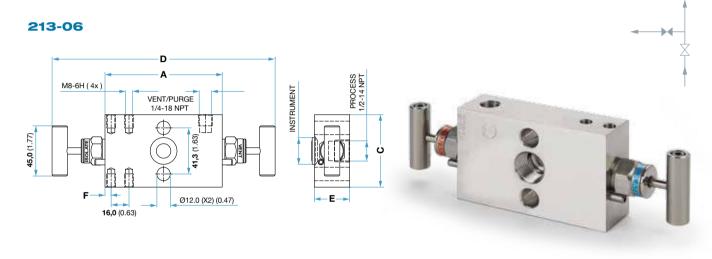


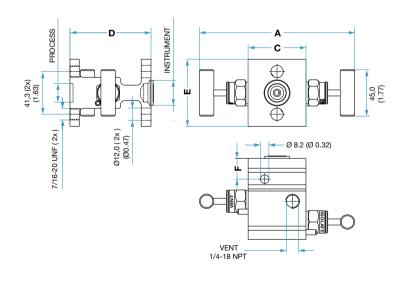
STANDARD CONFIGURATION DIMENSIONS 2-WAY DIRECT MOUNT



Instrument Mount Type		End Connection			ASTAVA	Dimensions											
					Ordering Part Number			В		С		D		E		F	
<u>=</u> :	ž 🏲 🛭	Process	Instrument	Vent / Bleed	r	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
Dir	ect	1/2" FNPT	*Flange	1/4" FNPT	213-06	85	3.35	-	-	65.0	2.56	182	7.17	32.0	1.26	5.0	0.20
Мо	Mount	*Flange	*Flange	1/4" FNPT	217-06	153	6.02	-	-	56.0	2.20	82	3.07	65.0	2.56	20.0	0.79

* Flange Standard per IEC 61518-A

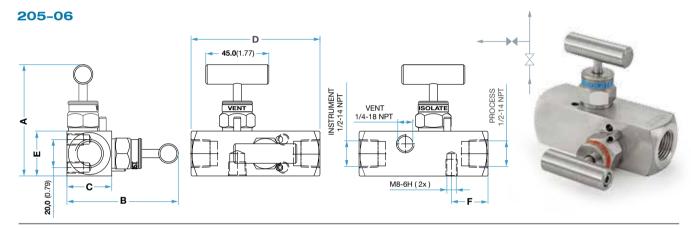


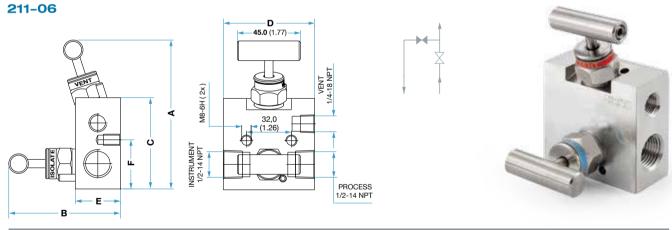


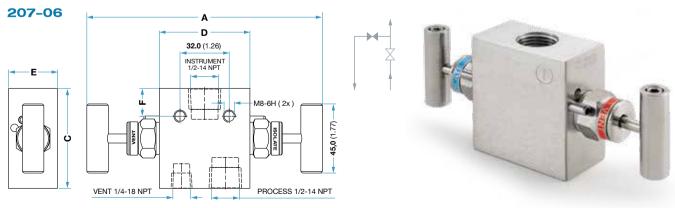




trument unt		End Connection	ASTAVA Ordering Part Number		Dimensions A B C D E I									F		
Instr Mou Type	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
Remote	1/2" FNPT	1/2" FNPT	1/4" FNPT	205-06	79	3.11	79.0	3.11	32.0	1.26	92.0	3.62	32	1.26	26	1.02
Mount	1/2" FNPT	1/2" FNPT	1/4" FNPT	211-06	107	4.21	79.4	3.13	65.0	2.56	65.0	2.56	32	1.26	35	1.38
	1/2" FNPT	1/2" FNPT	1/4" FNPT	207-06	156	6.14	-	-	65.0	2.56	59.0	2.32	32	1.26	18	0.71









ORDERING INFORMATION 2-WAY MANIFOLDS



HOW TO ORDER

Family Type-Flow Connection

		Schematic Flow	Sketch	Connection	Size	Туре
	03	A		Male to Female	1/2	NPT
2	04	→	<u> </u>	Female to Female	1/4	NPT
_	05	Ť		Female to Female	1/2	NPT
	08			Female to Male	1/2	NPT
	07		H	Female to Female	1/2	NPT
	11	*	-1	Female to Female	1/2	NPT
	13	*	H	Female to Flanged	1/2	NPT
	17	*	[0]	Female to Flanged	1/2	NPT
	06	*	Ŧ	Male to Male	1/2	NPT

Body /	Sealing
Selecti	on

All connection BSPP

10K Solution

3/4" Process &

Instrument 1/4" proces & instrument

/B

/10K

/34

/14

Code	Packing	Material		Connection
01	PTFE	SS 316(L)	/ AT	Anti-Tamper Bonnets
02	PTFE	Alloy400	/C	Oxygen Cleaned
03	PTFE	Alloy C-276	/LD	Locking Device
04	PTFE	Titan		
05	Grafoil	SS 316 (L)		
06	Fluorcarbon FKM	SS 316 (L)		
09	Perfluoroelas- tomer	SS 316 (L)		
12	PTFE	Alloy 625		
22	PTFE	Duplex F51		
29	PTFE	Super Duplex F53		
40	PTFE	Alloy 825		
81	PTFE	321		

The system designer and user have the sole responsibility for selecting products suitable for their special application requirements, ensuring their safe and trouble-free installation, operation, and maintenance. Application details, material compatibility and product ratings should all be considered for each selected product. Improper selection, installation or use of products can cause property damage or personal injury.

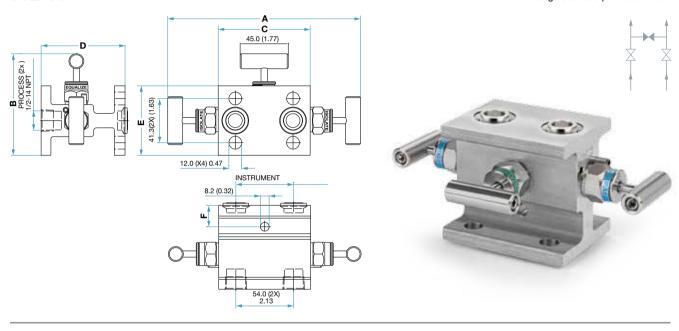


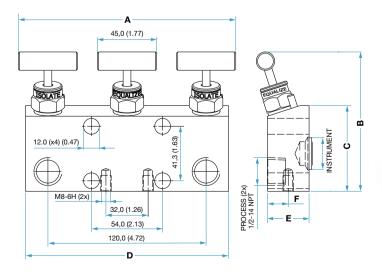
12

Dimensions ASTAVA End Connection Ordering Α В С D Ε F Part Number Process Instrument Vent / Bleed mm in mm in mm in mm in mm in mm in Direct Mount 1/2" FNPT *Flange 302-06 181.0 7.13 95.0 3.74 86.0 3.39 82.0 3.11 66.0 2.60 20.0 0.79 1/2" FNPT *Flange 306-06 161.0 6.34 107.0 4.21 65.0 2.56 150.0 5.91 32.0 1.26 16.0 0.63

302-06

* Flange Standard per IEC 61518-A









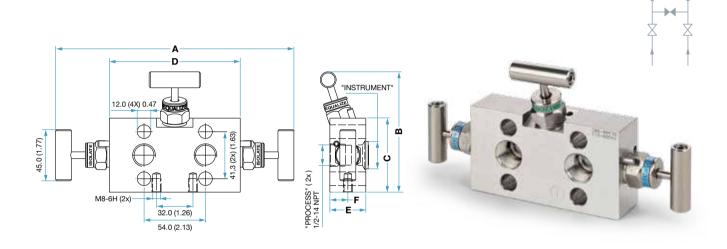
STANDARD CONFIGURATION DIMENSIONS 3-WAY DIRECT MOUNT



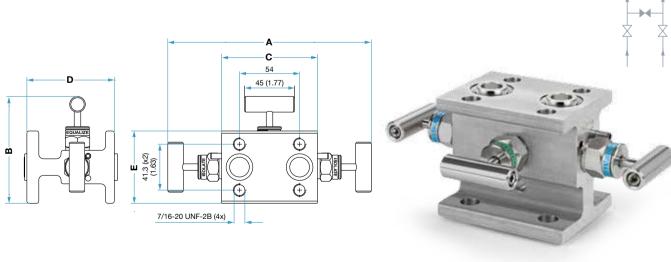
ment		E	End Connect	ASTAVA Ordering	Dimensions												
stru	be				Part Number	A		В		С)	E		F	
<u> </u>	Inst Mou Typ	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
Dire		1/2" FNPT	*Flange	-	329-06	210.0	8.27	106.0	4.17	65.0	2.56	115.0	4.53	32.0	1.26	16.0	0.63
Mo	Mount	*Flange	*Flange	-	303-06	181.0	7.13	95.0	3.74	86.0	3.39	82.0	3.11	66.0	2.60	-	-

* Flange Standard per IEC 61518-A

329-06



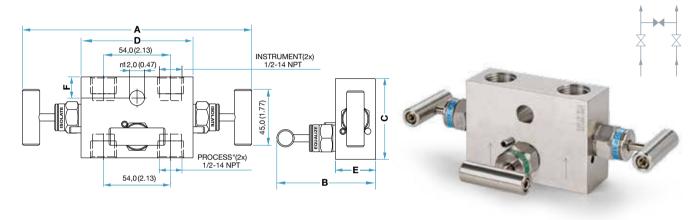
* Optinal vent / test ports

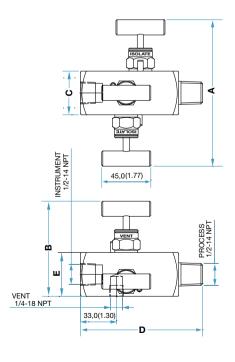




nent		End Connection			ASTAVA	Dimensions													
Instrun Mount Type				Ordering Part Number	A		В		С		D		E		F				
ĔŽ	₹	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
	note	1/2" FNPT	1/2" FNPT	-	307-06	185.0	7.28	79.0	3.11	65.0	2.56	90.0	3.54	32.0	1.26	17.0	0.67		
Mo	unt	1/2" MNPT	1/2"FNPT	1/4" FNPT	332-06	135.0	5.31	87.0	3.43	40.0	1.57	112.0	4.41	40.0	1.57	-	-		

307-06









ORDERING INFORMATION 3-WAY MANIFOLDS

HOW TO ORDER

Family Type-Flow Connection

		Flow Schematic	Sketch	Connection	Size	Type	
2	02		Ηİ	Female to Flanged	1/2	NPT	
,	06	+		Female to Flanged	1/2	NPT	
	29	***		Female to Flanged	1/2	NPT	
	07	*	H	Female to Female	1/2	NPT	
	03	***	HÌH	Flanged to Flanged	-	-	
	32	*****	<u>+</u>	Male to Female	1/2	NPT	

Body / Sealing Selection

All connection BSPP

10K Solution

/B

/10K

Options

Code	Packing	Material		Connection
01	PTFE	SS 316(L)	/ AT	Anti-Temper Bonnets
02	PTFE	Alloy400	/ C	Oxygen Cleaned
03	PTFE	Alloy C-276	/LD	Locking Device
04	PTFE	Titan		
05	Grafoil	SS 316 (L)		
06	Fluorcarbon FKM	SS 316 (L)		
09	Perfluorelasto- mer	SS 316 (L)		
12	PTFE	Alloy 625		
22	PTFE	Duplex F51		
29	PTFE	Super Duplex F53		
40	PTFE	Alloy 825		
81	PTFE	321		

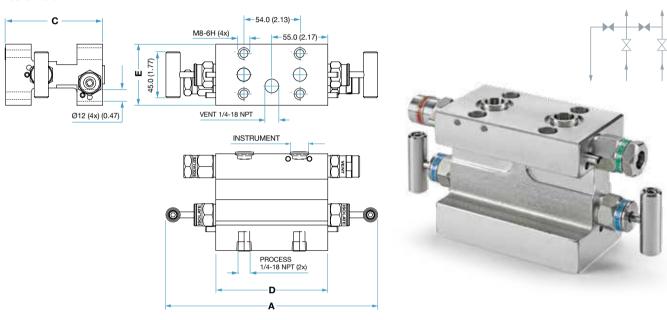
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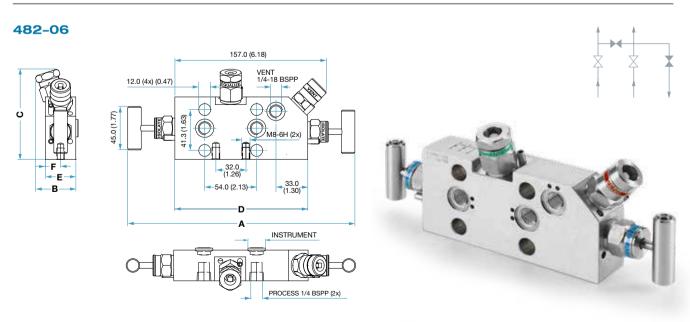


STANDARD CONFIGURATION DIMENSIONS 4-WAY REMOTE MOUNT

nent	E	End Connect	ion	ASTAVA	Dimensions													
Instrur Mount Type			Ordering Part Number	-	A		В		•	[)	E		F	F			
	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Direct	1/4" FNPT	*Flange	1/4" FNPT	476-06	208.0	8.18	-	-	95.0	3.74	110.0	4.33	60.0	2.36	-	-		
Mount	1/4" BSPP	*Flange	1/4" BSPP	482-06	236.0	6.29	42.0	1.65	94.0	3.69	138.0	5.43	32.0	1.24	16.0	0.63		

* Flange Standard per IEC 61518-A







ORDERING INFORMATION 4-WAY MANIFOLDS

WAY MANIFOL

Connection

Anti-Tamper Bonnets

Oxygen Cleaned

Locking Device

HOW TO ORDER

Family Type-Flow Connection

		Flow Schematic	Sketch	Connection	Size	Туре	option	
1	72		***	Female to	1/4	BSPP	/1/2	1/2" Process Connection
4	76	•	↓ ↑ ↑	Flanged	1/4	NPT		
	92	. 4	→	Female to	1/4	NPT		
	82	H	† † †	Flanged	1/4	BSPP		

Body / Sealing Selection

/ AT

/ C

/LD

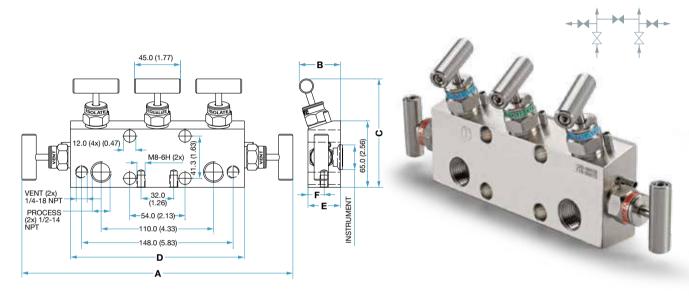
Code	Packing	Material
01	PTFE	SS 316(L)
02	PTFE	Alloy400
03	PTFE	Alloy C-276
04	PTFE	Titan
05	Grafoil	SS 316 (L)
06	Fluorcarbon FKM	SS 316 (L)
09	Perfluorelasto- mer	SS 316 (L)
12	PTFE	Alloy 625
22	PTFE	Duplex F51
29	PTFE	Super Duplex F53
40	PTFE	Alloy 825
81	PTFE	321

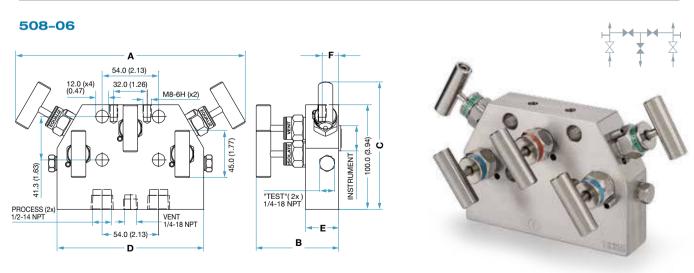




	nent	E	End Connecti	ASTAVA	Dimensions													
ı	Instrun Mount Type				Ordering Part Number	A		В		С		D		E		F		
	Ē Š ₽	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
	Direct	1/2" FNPT	*Flange	1/4" FNPT	502-06	265.0	10.43	41.0	1.61	106.0	4.17	170.0	6.69	32.0	1.26	16.0	0.63	
	Mount	1/2" FNPT	1/2" FNPT *Flange 1/4" FNPT		508-06	220.0	8.66	79.0	3.11	122.0	4.80	140.0	5.51	32.0	1.26	16.0	0.63	

* Flange Standard per IEC 61518-A





 ${\it Grafoil-TM~GrafTech~International~Holdings, Inc.}$



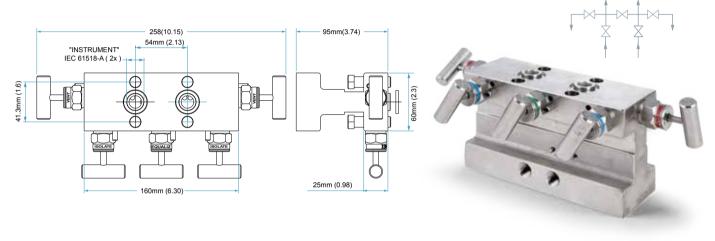
STANDARD CONFIGURATION DIMENSIONS 5-WAY DIRECT MOUNT

5	WAY MANIFOLDS

nent	E	End Connect	ion	ASTAVA	Dimensions													
Instrun Mount Type				Ordering Part Number	A		В		(;)	E		F			
	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Direct Mount	1/2" FNPT	*Flange	1/4" FNPT	576/1/2-06	210.0	8.27	108.0	4.25	105.0	4.13	115.0	4.53	60.0	2.36	12.5	0.49		

576/1/2-06

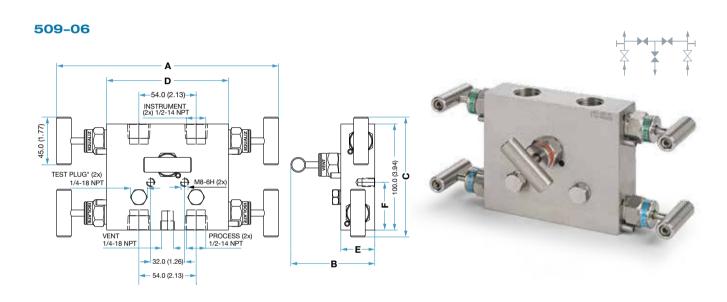
* Flange Standard per IEC 61518-A

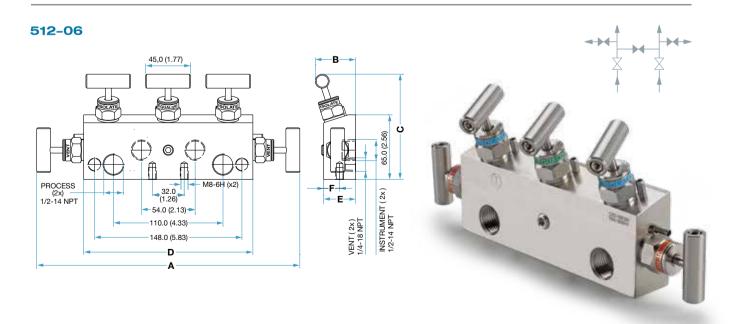


STANDARD CONFIGURATION DIMENSIONS 5-WAY REMOTE MOUNT



nent	End Connection		ASTAVA	Dimensions												
Instrur Mount Type			Ordering Description	Α		В		С		D		E		F		
ĔŽÞ	Process	Instrument	Vent / Bleed		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
Remote	1/2" FNPT	1/2" FNPT	1/4" FNPT	509-06	210.0	8.27	80.0	3.15	113.0	4.45	115.0	4.53	32.0	1.26	45.0	1.77
Mount	1/2" FNPT	1/2" FNPT	1/4" FNPT	512-06	265.0	10.43	41.0	1.61	106.0	4.17	170.0	6.69	32.0	1.26	16.0	0.63







ORDERING INFORMATION 5-WAY MANIFOLDS



Connection

Anit tamper bonnets

Oxygen cleaned

Locking device

/ AT

/ C

/LD

HOW TO ORDER

Family Type-Flow Connection

		Flow Schematic	Sketch	Connection	Size	Туре	option
5	02	*** ** **	+ 546 +1	Female to	1/2	NPT	/B
3	OL.	† †		Flanged	1,2		/10K
	08	***		Female to Flanged	1/2	NPT	
	76	T * * * * * * * * * * * * * * * * * * *		Female to Flanged	1/4	NPT	
	09	***	-4 	Female to Female	1/2	NPT	
	12	***		Female to Female	1/2	NPT	

Body / Selection

All connection BSPP

10K solution

Sealing	Options
on	

Code	Packing	Material				
01	PTFE	SS 316(L)				
02	PTFE	Alloy400				
03	PTFE	Alloy C-276				
04	PTFE	Titan				
05	Grafoil	SS 316 (L)				
06	Fluorcarbon FKM	SS 316 (L)				
09	Perfluorelasto- mer	SS 316 (L)				
12	PTFE	Alloy 625				
22	PTFE	Duplex F51				
29	PTFE	Super Duplex F53				
40	PTFE	Alloy 825				
81	PTFE	321				



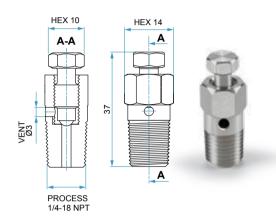
ACCESSORIES

BLEED VALVE

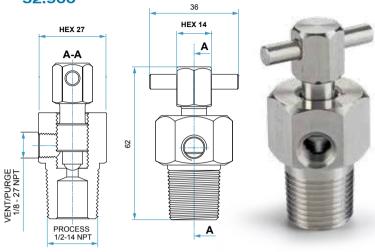


22

1/4" MNPT 52.900/14

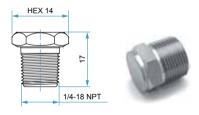


1/2" MNPT 52.900

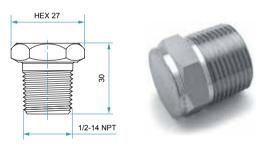


BLIND PLUG

1/4" MNPT 50.901

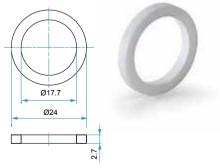


1/2" MNPT 50.900



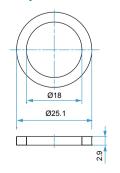
MOUNTING GASKET IEC 61518-A

PTFE Spare-087



Kit contains 2 gaskets

GRAFOIL® Spare-009



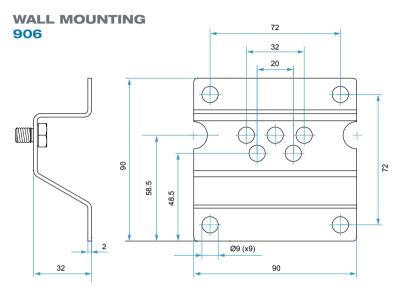






MOUNTING BRACKET AISI 316







Kit contains: Bracket, 2x M8x12 bolts. Upon order, please make sure that the Manifold is suitable for bracket mounting.

MOUNTING BRACKET AISI 316 72 **PIPE MOUNTING - 2 INCH** 32 906/P 20 \bigcirc 72 90 58.5 48.5 \bigcirc Ø9 (x9) 32 90

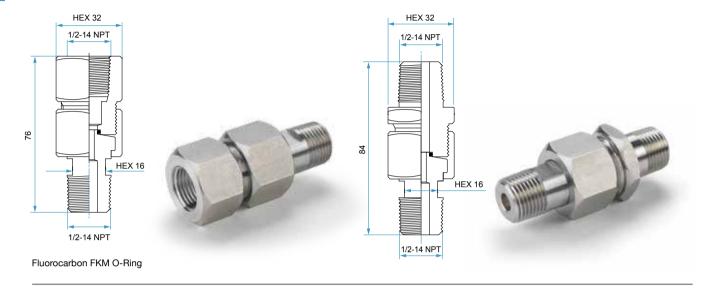
Kit contains: Bracket, 2x Bolts M8x12 bolts, 2x tie rod, 2x Tie rod brackets, 4x M8 snapnut. Upon order, please make sure that the manifold is suitable for bracket mounting.





360° POSITIONING MALE TO FEMALE 60.700

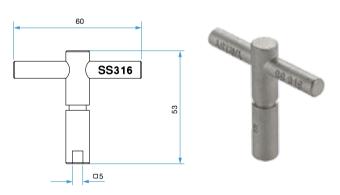
360° POSITIONING MALE TO MALE 60.750



ANTI-TAMPER KEY

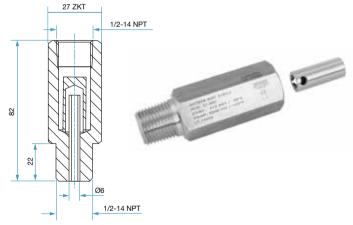
SYPHON / PULSATION DAMPENER

5 MM 59.003



Not included in order of Anti-Tampered Bonnet Manifod. This key should be ordered separately.

57.900





ASTAVA PRODUCT RANGE

Monoflanges





Sizes

Up to 4" / 10.000 PSI According to

- ASME B16.5
- API
- EN 1092.1

Material:

- AISI 316(L)
- Alloy 400
- Alloy C-276Alloy 625/825
- Duplex
- Titan
- Additional exotic

Slimline Monoflanges



Probes

Flushing Rings



Distribution valves



- Up to 20 Outlets0-690 Bar (0-10.000 psi)Ball / Needle Type

Sunshades



Instrument **Enclosures**



Half Body Enclosures



Full-Body Enclosures





INSTRUMENT VALVES & MANIFOLDS

ASTAVA PRODUCT RANGE

ENCLOSURES

Equipped Instrument Enclosures

Body Options

- Full-body GRP enclosures
- Half-body GRP enclosures
- Full-body AISI 316 enclosures

Heating Options

- Steam heater
- Electrical space heater (black anodized aluminum, AISI 316)
- Electrical block heater (black anodized aluminum, AISI 316)
- Thermostat (black anodized aluminum)

Manifolds

According to customer application

Mounting Accessories

According to ordering information



NUCLEAR VALVES

The products are engineered and manufactured in accordance with ASME and RCC-M international technical standards and are completed according to customer-specific requirements



VENTURI ASSEMBLIES







INTERLOCKING SOLUTIONS

Configurations:

- 1001 (SIL3)
- 1002 (SIL4)
- 2003 (SIL4)
- 1004 (SIL4)

Unmatched Design

- Highest Safety
- Optimal Availability
- Safety IEC 61508 Approved
- SIL3/4 Certified
- HIPPS





ACCESSORIES



SEAL POTS

For Buffer and Drain functions ASTAVA supplies Buffer and Drain pots. The Buffer/Seal pot is used in level application and is designed to act as a buffer for redundant fluids from the process in the wet leg.



SPECIAL PRODUCTS

Tailored per customer request for a complete package

- ASTAVA Engineering
- ASTAVA Manufacturing
- ASTAVA Assembling
- ASTAVA Documentation











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The main focus of ASTAVA B.V. is to provide its customer with a complete high-quality solution. Creativity and innovation for new solutions go hand-in-hand with the continuous improvement of our existing product line to assure that ASTAVA continues to play a leading role in its field.

ASTAVA B.V. is approved by the following notified bodies:





