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#### **FEATURES**

Across years of experience in instrumentation sector and increasing its know-how, today I.T.E. is able to offer a wide range of monoflanges and accessories for several application and sector. All products shown on this catalogue are available with integral compression ends (performance system improved, safety factors, reduction size and weight). Monoflanges are designed to replace conventional multiple-valve installation currently in use for interface with pressure measuring system. R&D dept. is constantly committed to refining and improving the quality of the products.

#### STANDARD FEATURES

PTFE and GRAPHOIL packing avaible for all types.

Bore size 5 mm.

ASME B16.5 flange connection.

OUT 1/2" NPT-F / DRAIN 1/4" NPT-F

Wetted parts according to **NACE MR.0175/MR.0103** as standard.

Shell test and seat leakage test are performed according to **API 598** and **ASME B16.34** (1.5 of max rating pressure).

**Certificate 3.1** certificate according to EN 10 204 on valve body material.

Monoflanges are not supplied with plugs.

#### MATERIAL

#### SPECIAL FEATURES

API Flange connections (up to 10.000 PSI)

EN 1092-1 Flange connections

Integral swivel gauge connections

#### NOTE

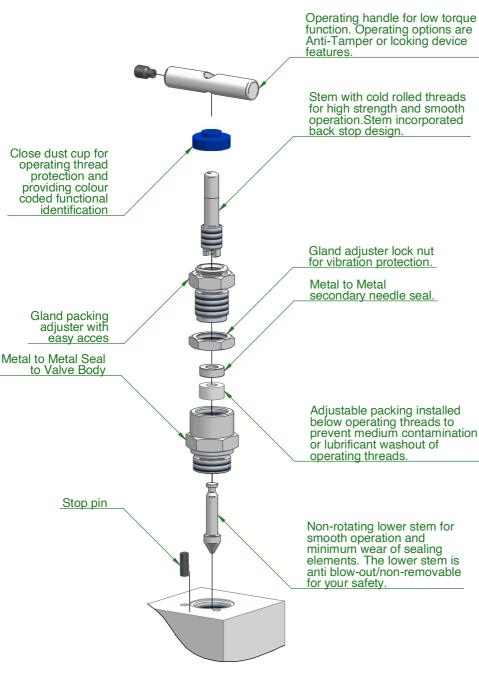
Due to internal bore size and internal volumes up to and including 1"-inch/25mm, products offered in this catalog comply with S.E.P. (Sound Engineering Practicle) article 3, paragraph 3 of the Pressure Equipment Directive P.E.D. 97/23/EC and therefore CE marking is not applicable.

MATERIAL GROUP	I.T.E. DESIGNATION	ASTM	UNS	AVAILABILITY ON STOCK
Stailess Steel	316/316L	316/316L	S31600	YES
Stalless Steel	6Mo		N08367	ON REQUEST
Familia Otalialasa Otasi	Duplex	F51	S31803	YES
Ferritic Stainless Steel	Superduplex	F55	S32750	YES
Carbon Steel	LF2	LF2		ON REQUEST
Carbon Steel	A105	A105		ON REQUEST
	Alloy 400		N04400	YES
Alloy	Alloy C276		N10276	ON REQUEST
Alloy	Alloy 625		N06625	ON REQUEST
	Alloy 825		N08825	ON REQUEST
Titanium	Ti Gr.2		R50400	ON REQUEST



6 | FEATURES I.T.E. s.r.l.

Screwed Bonnet is specifically designed for operation with any fluid up to 10.000 PSI rating. Complete with self centering non rotational tip, it guarantees total sealing efficiency during service operations. In addition to standard version, I.T.E. provides variants with locking system or anti-tamper configuration.

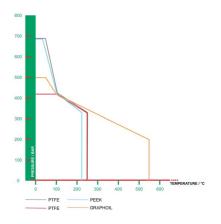


#### **BONNET FEATURES**

#### **SPECIFICATION**

- Maximum standard pressure up to 6.000 psig (414 barg).
- Maximum optional pressure up to 10.000 psig (689barg).
- ■Temperature range -54°C to +530°C.
- PTFE standard gland packing (Graphoil optional).
- ■Max. temperature PTFE 260°C.
- ■Max. temperature Graphoil 530°C.
- ■Low operating torque.
- ■Packing below threads to prevent lubricant washout.

#### PRESSURE - TEMPERATURE



#### COLOR CODED DUST CAP







Locking Plate Anti-Tamper Head Anti-Tamper Head with padlock

OPTIONAL CONFIGURATION







Equalise

## BONNET FEATURES

**Outside Screw & Yoke bolted Bonnet (O.S.&Y.)** is specifically designed for operation with any fluid up to 10.000 PSI rating. Complete with standard self centering non rotational tip, it guarantees total sealing efficiency during service operations. In addition to standard version, I.T.E. provides variants with locking system or anti-tamper configuration.

#### **SPECIFICATION**

- ■Maximum standard pressure up to 6.000 psig (414 barg).
- •Maximum optional pressure up to 10.000 psig (689barg).
- ■Temperature range -54°C to +530°C.
- PTFE standard gland packing (Graphoil optional).
- ■Max. temperature PTFE 260°C.
- ■Max. temperature Graphoil 530°C.
- ■Low operating torque.
- Packing below threads to prevent lubricant washout.

# 

#### COLOR CODED DUST CAP

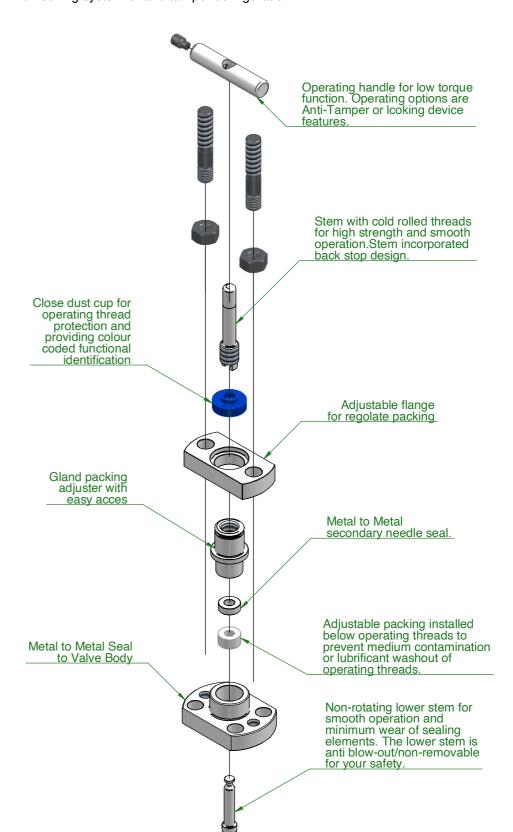






Vent

Equalise



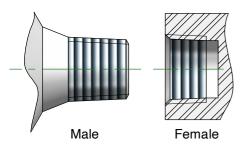


8 | BONNET FEATURES I.T.E. s.r.l.

I.T.E. manifactures a lot of different connections and combinations. Below are some of the most used. If you don't find your option please contact us.

#### **CONNECTIONS**

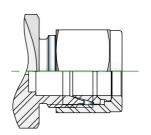
#### TAPERED PIPE THREADS



NPT threads acc. to. **ASME B 1.20.1** 

BSPT threads acc. to. ISO 7/1

#### TWIN FERRULE TUBE FITTINGS

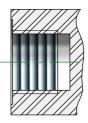


The direct pipe connection is available in both metric and inch sizes. All components are made by I.T.E. s.r.l.

#### PARALLEL PIPE THREADS (1) (2)



Male

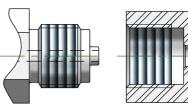


Female

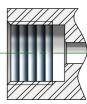
BSPP threads acc. to. ISO 228-1 ISO 1179-1

Metric threads acc. to. ISO 261

#### PARALLEL PIPE THREADS - GAUGE CONN. (1)



Male

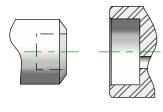


Female

G Threads acc. to. ISO 228-1 EN 837-1

Metric threads acc. to. ISO 261

#### **WELD ENDS**



Male remale Butt weld (male) acc. to. **ASME B16.9** 

Socket Weld (female) acc. to. ASME B16.11

#### NOTE

- (1) Cylindrical connection for fittings hydraulic or gas applications. The seal between male and female is made by metal to metal contact between two parallel surfaces.
- (2) Pressure connection for use with pressure gauges. The end can be fixed or rotatable according to the needs of use. The seal is carried out by means of a flat gasket placed at the bottom of the female thread.

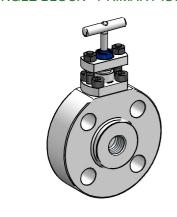
Size from 1/8" to 1" Metric size: M20 x 1.5

WWW.ITE-SRL.COM I 9 CONNECTIONS

#### MONOFLANGE CONFIGURATION

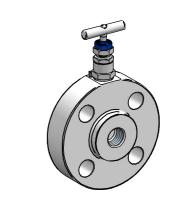
Monoflange is designed to replace conventional multiple-valve installations currently in use for interface with pressure measuring systems, combining customer's specified valves into a single manifold. Above solution provides reduced leakage path numbers together with a lowered system mass reduction of stress and vibration. Various flow and valve configurations available as well as a variety of flange sizes and outlet connections.

#### M81 - SINGLE BLOCK - PRIMARY ISOLATE O.S.&Y.



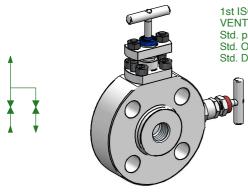
1st ISOLATE: O.S.&Y. Std. packing: GRAPHOIL Std. OUT: 1/2" NPT-F

#### M81 - SINGLE BLOCK - PRIMARY ISOLATE NEEDLE



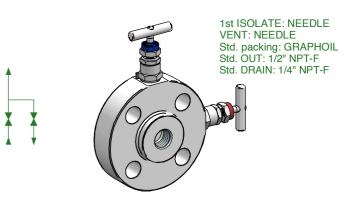
1st ISOLATE: NEEDLE Std. packing: GRAPHOIL Std. OUT: 1/2" NPT-F

#### M82 - BLOCK/BLEED - PRIMARY ISOLATE O.S.&Y.

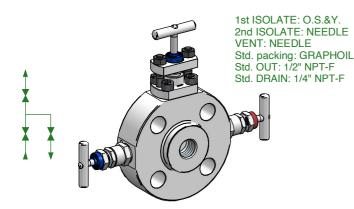


1st ISOLATE: O.S.&Y. VENT: NEEDLE Std. packing: GRAPHOIL Std. OUT: 1/2" NPT-F Std. DRAIN: 1/4" NPT-F

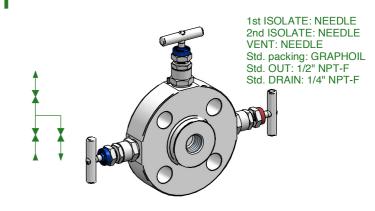
#### M82 - BLOCK/BLEED - PRIMARY ISOLATE NEEDLE



#### M83 - DOUBLE BLOCK & BLEED - PR. ISOLATE O.S.&Y.



#### M83 - DOUBLE BLOCK & BLEED - PR. ISOLATE NEEDLE

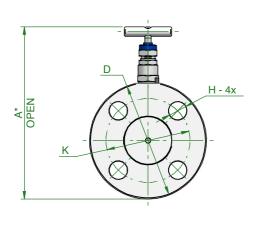


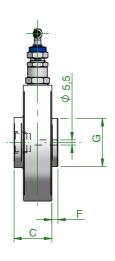


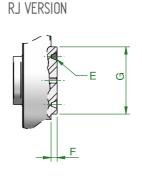
10 I MONOFLANGE CONFIGURATION

Block monoflange valve manifold with flanged inlet and threaded outlet connection. Complete with standard GRAPHOIL gland packing and self centering non rotational tip, it guarantees total sealing efficiency during service operations. We are showing on this page just the standard types.

## M81 MODEL







TEE BAR    Tee Bar   Tee B		STAN	NDA	RD M	ODEL	.: TYF	PES, DII	VIEN	<b>ISI</b>	SNC	5, W	EIG	HT	5		
TEE BAR  11/2" (DN 15)  RF 300 RJ 1500 RJ 1500 RF 300 RF 3	1st ISOLATE	DN FLG	IN	RATING	OUT	DRAIN	WEIGHT***	Α	В	С	D	K	Н	F	G	Е
TEE BAR  11/2" (DN 15)  RF				150			1,5 Kg	147			88,9	60,3				
TEE BAR  11/2" (DN 15)  RJ 1500 RJ 150			RF	300			1,6 Kg						15,9	1,6	35	-
TEE BAR    RJ   1500   2500   2500   3,3 kg   193   40   133,3   88,9   22,2   6,4   60,3   65,1   19, kg   156   117,5   82,5   19   42,9   42,9   41,7   139,7   95,2   6,4   66,7   73   14,6   1500   2500   1500   2500   1500   1500   2500   1500   1500   2500   150		1 (OII (DN 15)		600			1,7 Kg	154			95,2	66,7			1	
TEE BAR  1" (DN 25)  RJ  1500  RJ  1		1/2" (DN 15)		900			0.0 %	101			100.6	90 E		6.4	60.2	R
TEE BAR  1" (DN 25)  RF  300 RJ  150 RF  300 RJ  166 RF  300 RJ  177 RF  300 RJ  178 RF  300 RJ  178 RF  300 RJ  178 RF  300 R			RJ	1500			2,3 Kg	181			120,6	82,5	22,2	6,4	60,3	н
TEE BAR    1" (DN 20)   RF   300   600   73   73   75   73   75   75   75   75				2500			3,3 Kg	193		40	133,3	88,9			65,1	R
TEE BAR    3/4" (DN 20)				150			1,9 Kg	156			96,4	69,8	15,9	1.6		
TEE BAR  1" (DN 20)  RJ  150  RJ  150  RF  300  RJ  150  RJ  150  RF  300  RJ  150			RF	300			2.7 Kg	176			1175	82.5	10	1,0	42,9	
TEE BAR  1" (DN 25)  RF  300 RF  300 RF  300 RF  300 RF  300 RD  1500 RF  300		3/4" (DN 30)		600			2,7 Ng	170			117,5	02,5	19			
TEE BAR  1" (DN 25)  RF  2500  RF  RF  300  RJ  150  RF  300  RJ  1500  RJ  1500  2500  RJ  1500  RJ  1500  RJ  1500  RJ  1500  RF  300  2500  RJ  1500  RF  300  42 Kg  208  44 158,7 107,9  44 158,7 107,9  42 Kg  208  44 158,7 107,9  42 Kg  218  44 158,7 107,9  42 Kg  22,2  73  73  74  75  75  75  76  76  77  78  78  78  78  78  78  78	TEE BAR	3/4 (DIV 20)		900			3.4 Ka	180			130.2	88.0		6.4	66.7	R
TEE BAR  1" (DN 25)  RF 300 600 RJ 1500 2500 RF 300 600 11/2" NPT-F  4,2 Kg 208 5,5 Kg 218 3,3 Kg 186 4,7 Kg 215 4,8 Kg 215 4,8 Kg 215 4,7 Kg 215 4,8 Kg 215 4,7 Kg 216 4,7 Kg 2			RJ	1500			5,4 Ng	103			100,2	00,9	22,2	0,4	00,7	'
TEE BAR    1" (DN 25)   RF   300   600   1/2" NPT-F	TEE BAR			2500			3,9 Kg	199		41,7	139,7	95,2			73	F
TEE BAR  1" (DN 25)  RJ  900 RJ  1500 2500  RF  300 600 2500  RF  300 600 2500  RJ  1500 600  RJ  1500 2500  11,2 Kg  263 47, Kg  212  40  123,8 88,9 19  144,7 101,6 25,4 101,6 25,4 15,9 16,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 22,4  40  155,6 114,3 123,8 28,6  6,4 92,1  11,2 Kg  263 47, Kg  212  49,4 203,2 146 31,7 7,9 114,3  47, Kg  212  40  165,1 127  19  1,6 92  11,6 92  11,6 92				150				166			107,9	79,4	15,9	16		
TEE BAR  1" (DN 25)  RJ  900 RJ  1500 2500  RF  3,1 Kg  4,2 Kg  208  149,2 101,6 25,4  6,4  71,4  82,5  82,5  3,3 Kg  186  4,7 Kg  215  4,8 Kg  215  4,8 Kg  215  4,8 Kg  215  4,7 Kg  215  4,8 Kg  215  40  155,6 114,3 22,4  40  165,1 127  19  166,4  11,6 92  11,6 92  11,6 92  11,6 92			RF					183			123.8	88.9	19	1,0	50,8	
RJ 1500 2500 5,5 Kg 218 44 158,7 107,9 15,9 1,6 25,4 6,4 71,4 82,5 15 Kg 218 44 158,7 107,9 16,6 25,4 6,4 71,4 82,5 15		1" (DN 25)			1/2" NPT-F	_	3,1 Kg	.00	_	40	.20,0	00,0				
RJ 1500 2500 5,5 Kg 218 44 158,7 107,9 82,5 82,5 83,8 Kg 186 47,7 Kg 215 48,8 Kg 215 48,8 Kg 215 49,4 203,2 146 31,7 7,9 114,3 22,4 87,8 Kg 216 40 165,1 127 19 1,6 92 114 Kg 263 48,1 215 49,00**  2" (DN 50) 2500 5,3 Kg 200 11,4 Kg 263 48,1 215 49,1 65,1 25,4 123,8 28,6 6,4 92,1 11,4 Kg 263 47,8 Kg 212 40 165,1 127 19 1,6 92 6,4 11,4 Kg 244 48,1 215,9 165,1 25,4 123,8 12		. (2.1.20)					4.2 Ka	208			149.2	101.6		6.4	71.4	F
1"-1/2 (DN 40)  RF 300 600  RJ 1500 2500  RF 300**  2" (DN 50)  RF 300**  2" (DN 50)  RF 300			RJ				, ,				·	· ·	25,4	, ,		
RF 300 600 4,7 Kg 215 40 155,6 114,3 22,4 73 73    RJ 1500 2500 11,2 Kg 263 49,4 203,2 146 31,7 7,9 114,3 150,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,6 150,4 120,4 120,4 120,6 150,4 12										44		- '			82,5	F
RF 300 600 600 73 4,8 kg 215 40 155,6 114,3 22,4 73 73 74,8 kg 215 8,4 kg 216 8,4 kg 238 8,5 kg 238 8,5 kg 200 8,4 kg 238 8,6 kg 22,4 kg 238 8,6 kg 22,4 kg 238 8,6 kg 238 8,6 kg 22,1 kg 24,4 kg 238 8,6 kg 22,4 kg 24,4 kg 238 8,6 kg 238 8,6 kg 24,4 kg 238 8,6 kg 24,4 kg 238 8,6 kg 24,4								186			127	98,4	15,9	1.6		
1"-1/2 (DN 40)  RJ 900 RJ 1500 2500  11,2 Kg 263 4,7 Kg 212  RF 300** 600** 900**  11,4 Kg 200  11,4 Kg 200  11,4 Kg 200  11,4 Kg 200  11,6 92  11,6 92			RF					215		40	155.6	114.3	22.4	-,-	73	
8J 1500 2500 11,2 Kg 238 41,7 177,8 123,8 28,6 6,4 92,1 1,2 Kg 263 49,4 203,2 146 31,7 7,9 114,3 150 4,7 Kg 212 152,4 120,6 165,1 127 19 1,6 92 114 Kg 200 200 200 11,4 Kg 244 48 1 215,9 165,1 25,4 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 28,6 6,4 92,1 123,8 1		1"-1/2 (DN 40)					4,8 Kg				, .	,-	,			
2500 11,2 Kg 263 49,4 203,2 146 31,7 7,9 114,3 150 47, Kg 212 152,4 120,6 165,1 127 19 1,6 92 114,6 92	TEE BAR	' '					6,4 Kg	238		41,7	177,8	123,8	28,6	6,4	92,1	F
2" (DN 50)  RF 300** 600** 900**  114 Kg 244  47 Kg 212 40 152,4 120,6 165,1 127  19 1,6 6,4  92			RJ				, ,				, , , , , , , , , , , , , , , , , , ,	<u>'</u>	,		1	
2" (DN 50) RF 300**							, ,			49,4	- '	-	31,7	7,9	114,3	F
2" (DN 50) 5,3 Kg 200 165,1 127 6,4 114 Kg 244 48.1 215.9 165.1 25.4 123.8							4,7 Kg	212			152,4	120,6		1,6		
2" (DN 50) 900**			RF				5,3 Kg	200		40	165,1	127	19	0.4	92	
11.4 Kg   244   48.1   215.9   165.1   25.4   123.8		2" (DN 50)					_							6,4		
HJ   1500""			` '				11,4 Kg	244		48,1	215,9	165,1	25,4	7.0	123,8	F
2500** 16.7 Kg 261 55.8 234.9 171.4 28.6 133.3							16.7 Kg	261		55.8	234 0	171 4	28.6	7,9	133.3	F

<sup>\*</sup>In models with primary isolate O.S. & Y. dimension "A" increases by approximately 14mm

M81 MODEL WWW.ITE-SRL.COM | 11

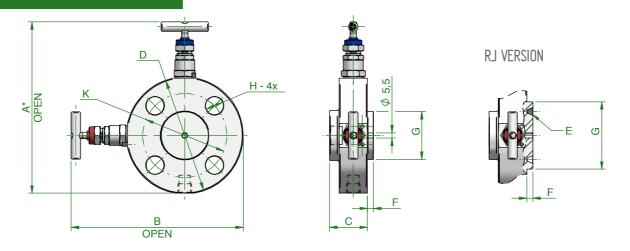


<sup>\*\*</sup>In the models marked the number of holes "H" is 8x

<sup>\*\*\*</sup>Weights are theoretical and based on AISI 316 material

## M82 MODEL

Block & Bleed monoflange valve manifold with flanged inlet and threaded outlet connection. Complete with standard GRAPHOIL gland packing and self centering non rotational tip, it guarantees total sealing efficiency during service operations. We are showing on this page just the standard types.



	SIAI	NUA	ואו שח	ODEL		es, di	VI CI	VOIC	JING	, vv		ШК	<b>3</b>		
st ISOLATE	DN FLG	IN	RATING	OUT	DRAIN	WEIGHT***	Α	В	С	D	K	Н	F	G	Е
			150			1,6 Kg	146	147		88,9	60,3		4.0		
		RF	300			1,7 Kg	450	454		05.0	00.7	15,9	1,6	35	-
	1/2" (DN 15)		600			1,8 Kg	153	154		95,2	66,7			1	
	1/2" (DN 15)		900			2,4 Kg	180	181		120,6	82,5		6,4	60,3	R
st ISOLATE		RJ	1500			2,4 Kg	160	101		120,6	62,5	22,2	0,4	60,3	
			2500			3,4 Kg	192	193	40	133,3	88,9			65,1	B
			150			2 Kg	155	156		96,4	69,8	15,9	1.6		
TEE BAR		RF	300			2,8 Kg	175	176		117,5	82,5	19	1,0	42,9	
	3/4" (DN 20)		600			2,0 119	175	170		117,0 02,0	5 02,0	13			
	0/4 (514 20)		900			3,3 Kg	188	189		130,2	88,9		6,4	66.7	F
		RJ	1500			0,0 119		100		· ·	,	22,2	0,4	,	
TEE BAR			2500			4 Kg	198	199	41,7	139,7	95,2			73	F
			150			2,5 Kg	165	166		107,9	79,4	15,9	1,6		
		RF	300			3,1 Kg	182	183		123,8	88,9	19	.,0	50,8	
	1" (DN 25)		600	1/2" NPT-F	1/4" NPT-F	3,2 Kg		.00	40	.20,0	00,0				
	. (2.1.20)		900			4,3 Kg	207	208		149,2	101,6		6,4	71,4	
		RJ	1500			, 0				25,4		-,.			
			2500			5,6 Kg	217	218	44	158,7	107,9			82,5	١
			150			3,4 Kg	185	186		127	98,4	15,9	1,6		
		RF	300			4,8 Kg	214	215	40	155,6	114,3	22,4	-,-	73	
	1"-1/2 (DN 40)		600			4,9 Kg				, .	,-	,			
	, ,		900	-		6,5 Kg	237	238	41,7	177,8	123,8	28,6	6,4	92,1	F
		RJ	1500									· · -			
			2500			11,3 Kg	262	263	49,4	203,2	146	31,7	7,9	114,3	F
			150	-		4,8 Kg	211	212		152,4	120,6		1,6		
		RF	300**	-		5,4 Kg	224	200	40	165,1	127	19	0.4	92	
	2" (DN 50)		600** 900**										6,4		-
		DI	1500**			11,5 Kg	275	244	4 48,1 215,9	215,9	165,1	25,4	7.9	123,8	F
			2500**	-		16,8 Kg	295	261	55.8	234.9	171.4	28.6	7,9	133.3	F

<sup>\*</sup>In models with primary isolate O.S. & Y. dimension "A" increases by approximately 14mm

<sup>\*\*\*</sup>Weights are theoretical and based on AISI 316 material

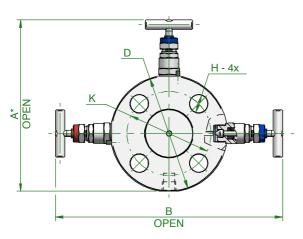


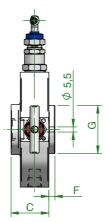
12 | M82 MODEL | I.T.E. s.r.l.

<sup>\*\*</sup>In the models marked the number of holes "H" is 8x

Double Block & Bleed monoflange valve manifold with flanged inlet and threaded outlet connection. Complete with standard GRAPHOIL gland packing and self centering non rotational tip, it guarantees total sealing efficiency during service operations. We are showing on this page just the standard types.

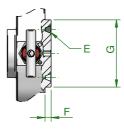
## M83 MODEL







**RJ VERSION** 



	STAN	NDA	RD M	ODEL	.: TYP	ES, DII	MEN	ISIC	SNC	5, W	EIG	HT	S							
1st ISOLATE	DN FLG	IN	RATING	OUT	DRAIN	WEIGHT***	Α	В	С	D	K	Н	F	G	Е					
			150			1,7 Kg	146	205		88,9	60,3									
		RF	300			1,8 Kg	.=0	0.10				15,9	1,6	35	-					
	. (011 (15))		600			1,9 Kg	153	212		95,2	66,7			1						
TEE BAR	1/2" (DN 15)		900			0 F K-	400	000		100.0	00.5		6.4	60.0	R					
		RJ	1500			2,5 Kg	180	238	120,6	120,	120,6				120,6	82,5	22,2	6,4	60,3	н
			2500			3,5 Kg	192	251	40	133,3	88,9			65,1	R					
TEE BAR			150			2 Kg	155	215		96,4	69,8	15,9	1.6							
		RF	300			2,8 Kg	175	235		117,5	82,5	19	1,0	42,9						
	3/4" (DN 20)		600			2,6 Kg	175	233		117,5	62,5	19								
TEE BAR	3/4 (DIV 20)		900			3,3 Kg	188	248		130,2	88,9		6,4	66.7	Б					
		RJ	1500			5,5 Ng	100	240		100,2	00,9	22,2	0,4	00,7	'					
			2500			4 Kg	198	258	41,7	139,7	95,2			73	F					
			150			2,5 Kg	165	225		107,9	79,4	15,9	1.6							
		RF	300			3,1 Kg	182	241		123,8	88,9	19	1,0	50,8 4 71,4 F						
	1" (DN 25)		600	1/2" NPT-F	1/4" NPT-F	3,2 Kg	.02		40	.20,0	00,0									
	. (2.120)		900			4,3 Kg	207	268		149,2	101.6		6,4		F					
		RJ	1500				-			·	- /-	25,4	-,.							
			2500	_		5,6 Kg	217	276	44	158,7	107,9			82,5	F					
			150		3,4 Kg	185	245		127	98,4	15,9	1,6								
		RF	300			4,8 Kg	214	274	40	155,6	114,3	22,4	-,-	73						
TEE BAR	1"-1/2 (DN 40)		600			4,9 Kg				,	,	,								
	, ,		900			6,5 Kg	237	297	41,7	177,8	123,8	28,6	6,4	92,1	F					
TEE BAR		RJ	1500					222							L.					
			2500			11,3 Kg	262	322	49,4	203,2	146	31,7	7,9	114,3	F					
		DE	150	-		4,8 Kg	211	270	40	152,4	120,6	19	1,6	00						
2" (DN 50)		RF	300**			5,4 Kg	224	235	40	165,1	127	19	C 4	92						
	2" (DN 50)		600** 900**										6,4		-					
		` ′	1500**			11,5 Kg	275	271	48,1	215,9	165,1	25,4	7.9	123,8	F					
					_	2500**	<u> </u>		16,8 Kg	295	284	-, -,	234.9	171.4	28.6	7,9	133.3	F		

<sup>\*</sup>In models with primary isolate O.S. & Y. dimension "A" increases by approximately 14mm

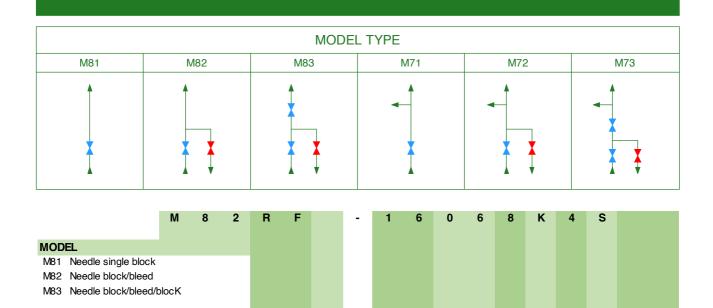
WWW.ITE-SRL.COM | 13 M83 MODEL



<sup>\*\*</sup>In the models marked the number of holes "H" is 8x

<sup>\*\*\*</sup>Weights are theoretical and based on AISI 316 material

## MONOFLANGE (ASME SERIES) - HOW TO ORDER



RF	Raised face (Smooth finish)
RJ	Ring Joint
PRIM	IARY ISOLATE

Screw ed bonnet

Y Outside Screw & Yoke bolted bonnet

#### **DN FLANGE**

**FACE FINISH** 

8	1/2"	(DN 15)	24	1-1/2	2" (DN 40)
12	3/4"	(DN 20)	32	2"	(DN 50)

## 16 1" (DN 25)

01	Ansi 150	09	Ansi 900
03	Ansi 300	15	Ansi 1500
06	Ansi 600	25	Ansi 2500

#### OUT

8 1/2"

12 3/4"

X Wafer style (I/O same flange)

#### THREAD

N NPT R BSPP GAS (EN 837-1) - Gauge connection K BSPT R/RC (ISO 7) M Metric (similar EN 837-)

O Tube connection F Flanged (only "X" selection)

#### DRAIN

4 1/4" NPT

8 1/2" NPT

#### **MATERIAL**

 S
 Aisi 316L
 F
 Alloy 400

 A
 A105
 G
 Alloy C276

 D
 Duplex F51
 H
 6 Mo/F44

 E
 Super Duplex F55
 I
 Alloy 625

#### **OPTIONS**

B All component 316L TI Isolate Anti-tamper

C Special testing K Padlock for all anti tamper bonnet

L Lox cleaning T Mounted plug drain TD Vent Anti-tamper TT All bonnet Anti-tamper

Attention - Above guideline shows all possible product configuration. Tailor-made solutions must be evaluated and approved by ITE technical dept before accepting and processing your order

FOR API OR EN FLANGE MODEL, PLEASE CONTACT ITE SALES OFFICE



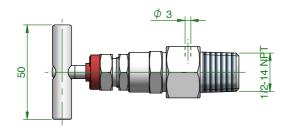
#### VBP / VBPT - VENT VALVE



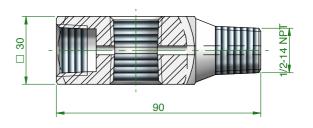


## **ACCESSORIES**

#### VBV - ADJUSTABLE VENT VALVE



#### VBT - BAR STOCK BLEED TEE



## **HOW TO ORDER**

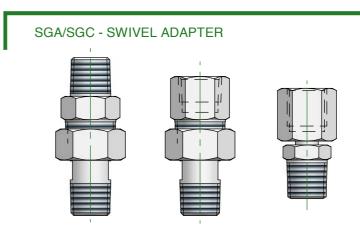
		٧	B V	-	0	6	S	Т	4
MOD	EL								
VBT	Bar stock bleed TEE								
VBV	Adjustable VENT va	lve							
VBPT	Vent valve								
VBV	Vent valve								
RATI	NG								
06	Series 6.000 PSI								
10	Series 10.000 PSI								
MAT	ERIAL								
S	Aisi 316L	F	Alloy 400						
Α	A105	G	Alloy C276						
D	Duplex F51	Н	6 Mo/F44						
Ε	Superduplex F55	1	Alloy 625						
PACI	KING (VBV ONLY)								
Т	PTFE								
G	Graphoil								
CON	NECTIONS								
4	1/4"								
6	3/8"								
8	1/2"								
THRE	EAD								
/	NPT								

- / NPI
- K BSPT R/RC (ISO 7)
- I BSPP GAS (ISO 1179)
- R BSPP GAS (EN 837-1) Gauge connection

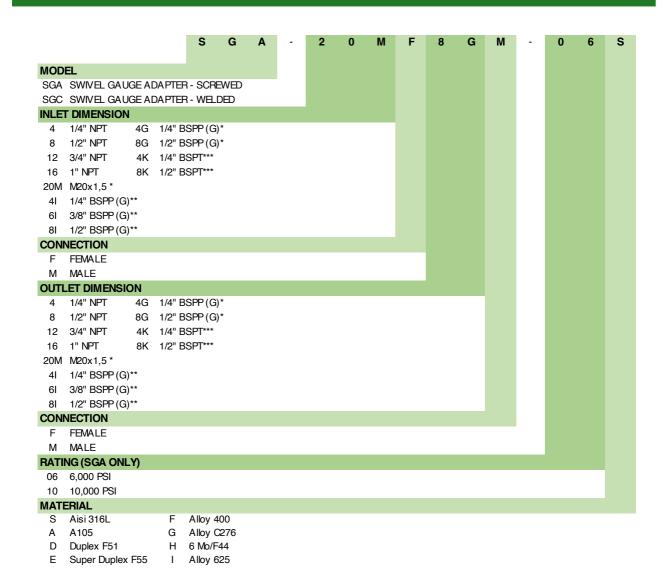
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## ACCESSORIES



#### **HOW TO ORDER**



\* EN 837-1 DESIGN

\*\* ISO 1179 DESIGN ("MA" ONLY)

\*\*\* ISO 7/1

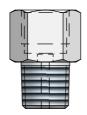
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#### GA - GAUGE ADAPTERS EN 837-1

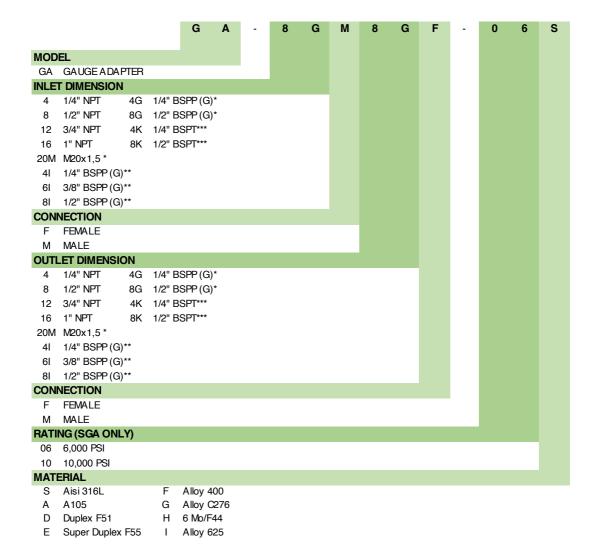






#### **ACCESSORIES**

#### **HOW TO ORDER**



\* EN 837-1 DESIGN

\*\* ISO 1179 DESIGN ("MA" ONLY)

\*\*\* ISO 7/1

Attention - Above guideline shows all possible product configuration. Tailor-made solutions must be evaluated and approved by ITE technical dept before accepting and processing your order



## **ACCESSORIES**



## **HOW TO ORDER**

		8	Р	Н	-	0	6	S	
CON	NECTIONS								
2	1/8" 8	1/2"							
4	1/4" 12	2 3/4"							
6	3/8" 16	3 1"							
MOD	EL								
PH	HEX MALE PLUG				•				
<b>RATI</b>	NG								
06	Series 6.000 PSI								
10	Series 10.000 PS	l							
MAT	ERIAL								
S	Aisi 316L	F	Alloy 4	100					
Α	A105	G	Alloy (	C276					
D	Duplex F51	Н	6 Mo/F	44					
Ε	Super Duplex F55	5 I	Alloy 6	325					
THRE	AD								

- / NPT
- K BSPT R/RC (ISO 7)
- I BSPP GAS (ISO 1179)
- R BSPP GAS (EN 837-1) Gauge connection

Attention - Above guideline shows all possible product configuration. Tailor-made solutions must be evaluated and approved by ITE technical dept before accepting and processing your order



18 I ACCESSORIES - PIPE PLUG I.T.E. s.r.l.