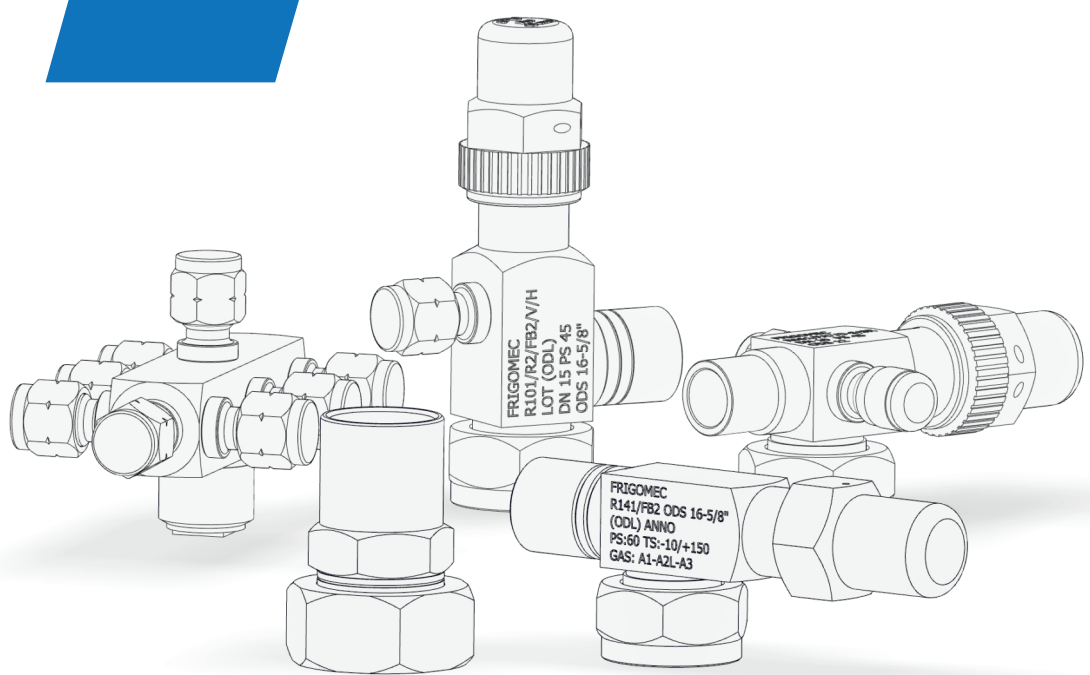


**FLUID
GROUP 1+2**

RIGOMECC
SOLUTIONS FOR HVAC&R SYSTEMS

**MADE
IN ITALY**



TECHNICAL CATALOGUE 2024

VALVES AND ADAPTERS

ISO 21922

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Valvole di Scambio per gruppo fluidi 1 e 2 classe di sicurezza A1-A2-A2L-A3 - Exchange valves for fluid group 1 and 2 safety classPAGE.18

Accessori per gruppo fluidi 1 e 2 classe di sicurezza A1-A2-A2L-A3 - Accessories for fluid group 1 and 2 safety classPAGE.19 ÷ 20

Schema delle possibili combinazioni di montaggio per le Valvole di scambio.....PAGE.21 ÷ 22
Diagram of the possible combinations of assemblies for Exchange valves

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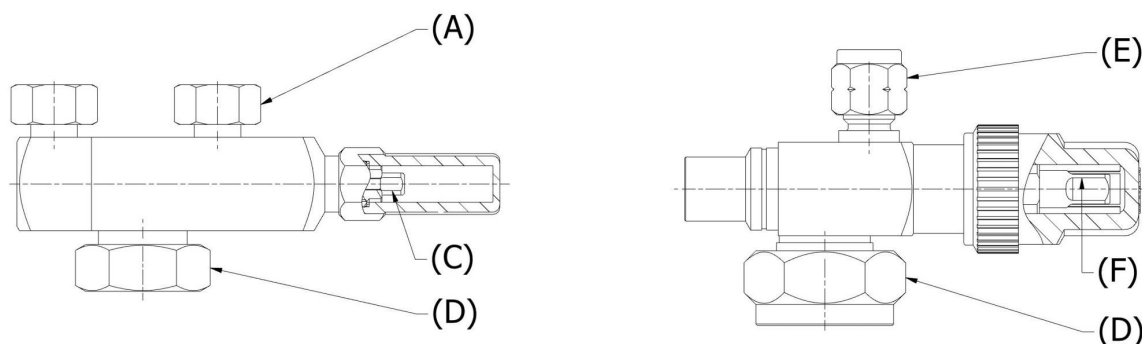
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Conversion tables between commercial names and shape / sizes of valve connections

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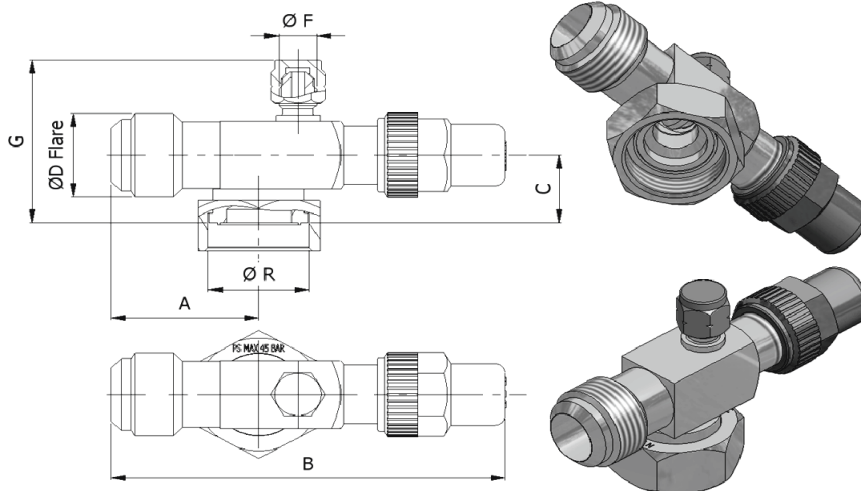
Nota: Per informazioni sulla tipologia "Valvole a Saldare", consultare il catalogo generale o eseguire la richiesta dello stesso visitando il nostro sito Web (<http://www.frigomec.com>). Per richieste speciali contattare l'ufficio tecnico.

Note: For information concerning "Welding valves", please consult our general catalogue or make a request for the catalogue, visiting our Web site (<http://www.frigomec.com/eng/>). For special request please contact the technical department.



Raccomandazioni per le coppie di serraggio delle Valvole di scambio Tightening up Torques three-way dual shut-off valves			Raccomandazioni per le coppie di serraggio per Valvole Rotalock e Valvole a saldare Tightening up Torques Rotalock valves and Soldering valves		
Stelo C) Stem	Dadi dei raccordi rotativi di uscita A) Nuts to be mounted on rotating fittings of the outlet	Dadi dei raccordi rotativi di chiusura D) Nuts to be mounted on rotating fittings	Stelo F) Stem	Tappo inottone E) Brass plug	Dadi dei raccordi rotativi di chiusura D) Nuts to be mounted on rotating fittings
□ 28	20 Nm	Outlet Hexagon (1/4"GAS ISO 228) 20-25 Nm	□ 20	16 Nm	Rotalock Hexagon 22 (3/4"-16 UNF) 20-30 Nm Rotalock Hexagon 30 (1"-14 UNS) 50-85 Nm Rotalock Hexagon 36 (1 1/4 12 UNF) 70-105 Nm Rotalock Hexagon 50 (1 3/4 12 UN) 100-150 Nm Rotalock Hexagon 65 (2 1/4 12 UN) 150-200 Nm
		Outlet Hexagon (1/8"GAS ISO 228) 25-30 Nm	□ 22	21 Nm	
□ 40	48 Nm	Outlet Hexagon (1/2"GAS ISO 228) 30-35 Nm	□ 28	35 Nm	
		Outlet Hexagon (3/4"GAS ISO 228) 40-45 Nm	□ 35	40 Nm	
		Outlet Hexagon (1"GAS ISO 228) 60-65 Nm	□ 40	45 Nm	
□ 50	48 Nm	Outlet Hexagon (1 1/4"GAS ISO 228) 80-85 Nm	□ 50	48 Nm	

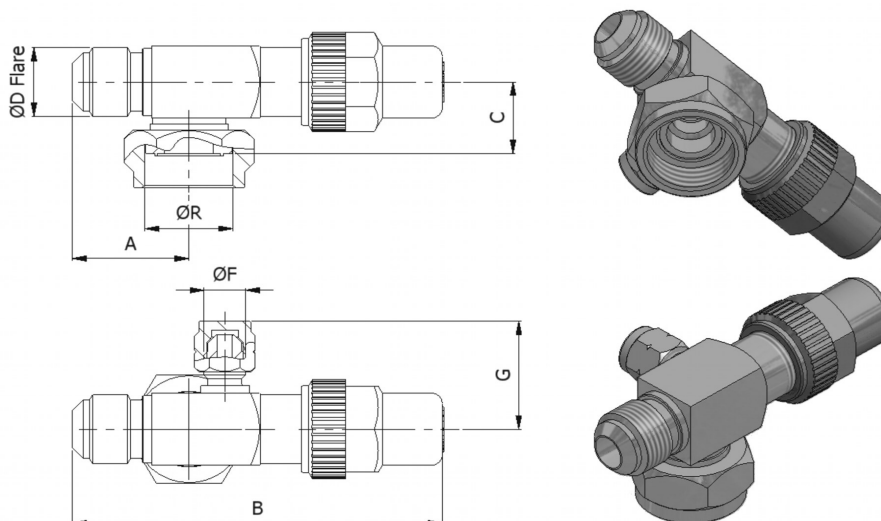
Consigliamo l'utilizzo di una chiave specifica
We suggest the use of a specific spanner



TECHNICAL DATA
FLUID GROUP 2
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GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON-NECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R011/T1/H	ROTALOCK 1"	1/4"	1/4"	30	97	20	50	20
	R011/T2/H	ROTALOCK 1"	3/8"	1/4"	30	97	20	50	20
	R011/T3/H	ROTALOCK 1"	1/2"	1/4"	31	98	20	50	20
	R011/T4/H	ROTALOCK 1"	5/8"	1/4"	35	107	20	50	20
	R011/T5/H	ROTALOCK 1"	3/4"	1/4"	39	111	21	32	22
	R012/T4/H	ROTALOCK 1"1/4	5/8"	1/4"	44	116	22	53	22
	R012/T5/H	ROTALOCK 1"1/4	3/4"	1/4"	44	120	22	53	22



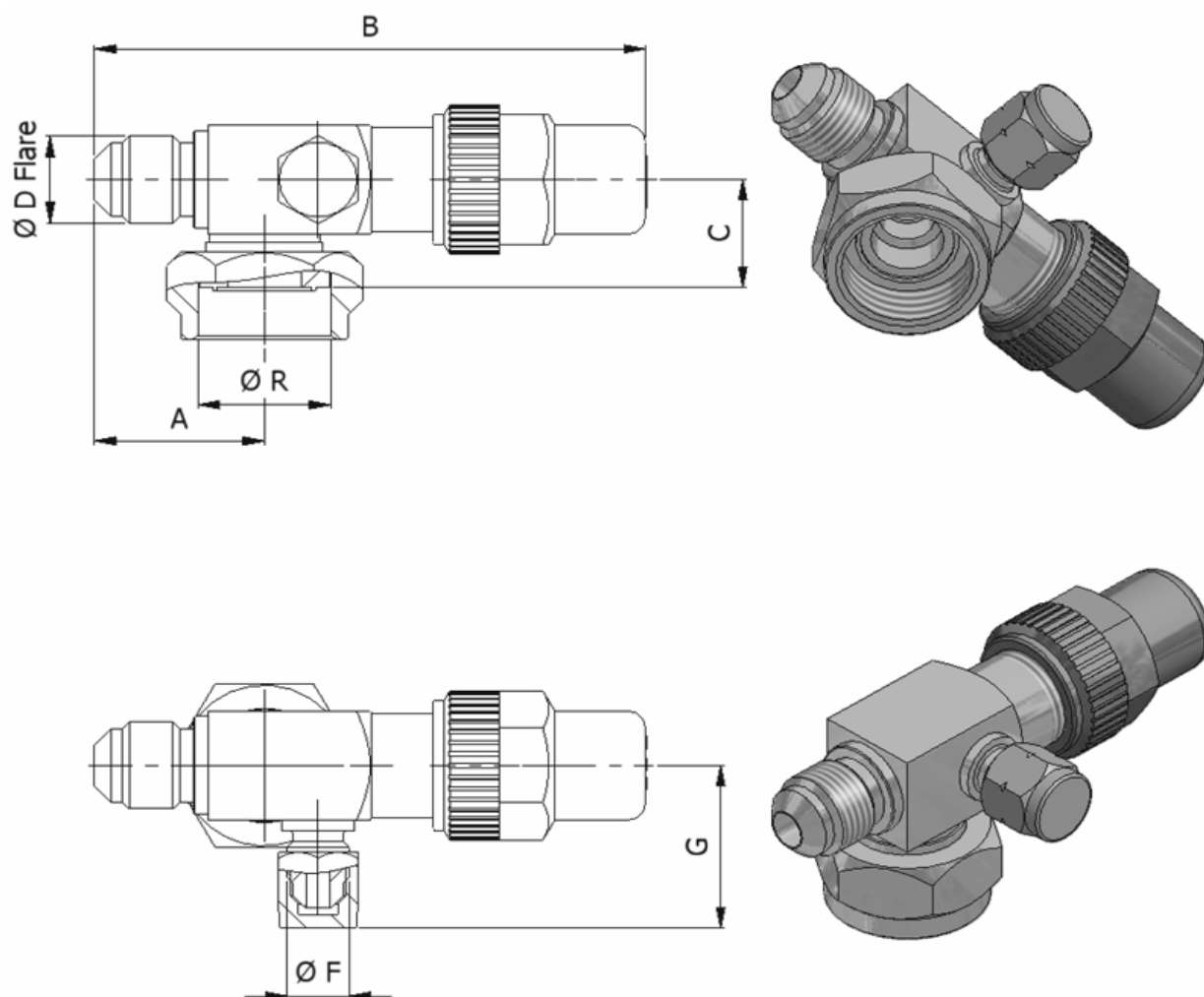
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PRESA DESTRA
RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON-NECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R011/T1/D	ROTALOCK 1"	1/4"	1/4"	30	97	20	30	20
	R011/T2/D	ROTALOCK 1"	3/8"	1/4"	30	97	20	30	20
	R011/T3/D	ROTALOCK 1"	1/2"	1/4"	31	98	20	30	20
	R011/T4/D	ROTALOCK 1"	5/8"	1/4"	35	107	20	30	20
	R011/T5/D	ROTALOCK 1"	3/4"	1/4"	39	111	21	32	22
	R012/T5/D	ROTALOCK 1"1/4	3/4"	1/4"	44	113	21	32	22

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
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 Tappi di tenuta in ottone / Sealing brass plugs

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Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



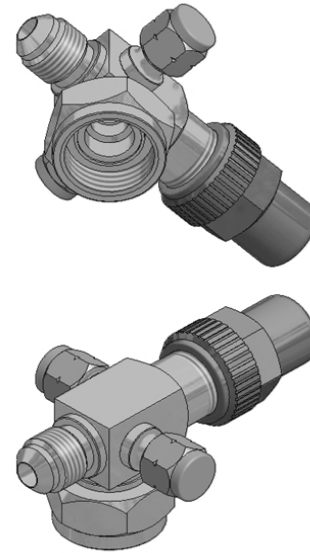
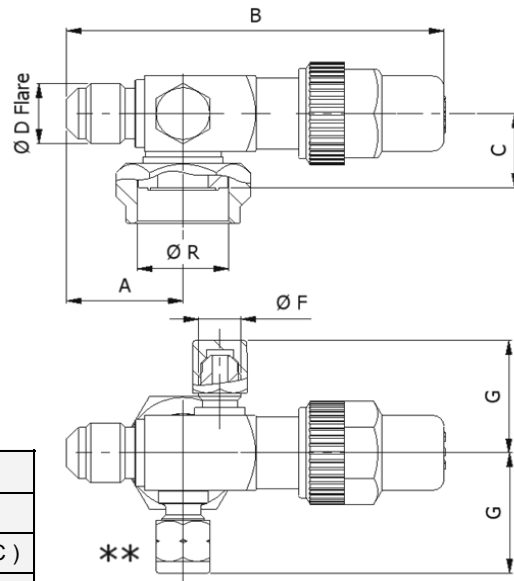
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PRESA SINISTRA
 LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R010/T2/S	ROTALOCK 3/4"	3/8"	1/4"	30	97	19	30	20
	R011/T1/S	ROTALOCK 1"	1/4"	1/4"	30	97	20	30	20
	R011/T2/S	ROTALOCK 1"	3/8"	1/4"	30	97	20	30	20
	R011/T3/S	ROTALOCK 1"	1/2"	1/4"	31	98	20	30	20
	R011/T4/S	ROTALOCK 1"	5/8"	1/4"	35	107	20	30	20
	R011/T5/S	ROTALOCK 1"	3/4"	3/4"	39	111	21	32	22
	R012/T5/S	ROTALOCK 1"1/4	3/4"	1/4"	44	113	21	32	22

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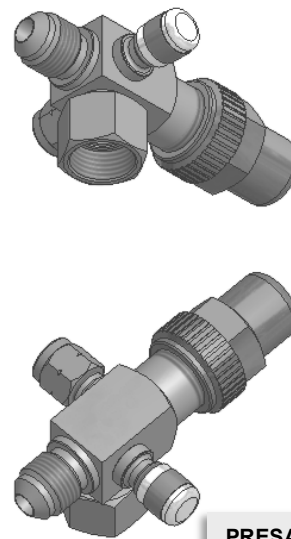
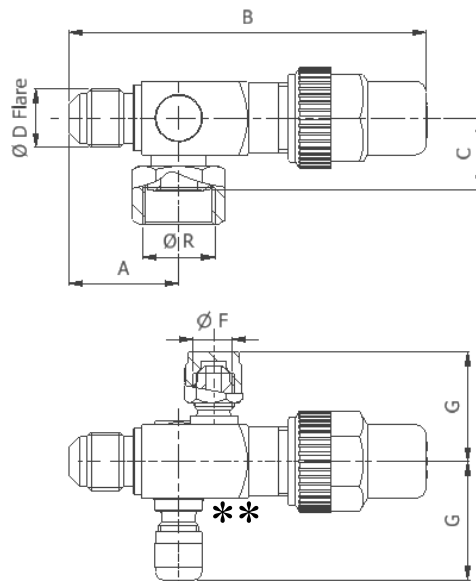
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GAS: A1 - ISO 21922	

PRESA DESTRA E SINISTRA
 RIGHT AND LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R021/T2/D-S	ROTALOCK 1"	3/8"	1/4"	30	97	20	31	20
	R021/T3/D-S	ROTALOCK 1"	1/2"	1/4"	31	98	20	31	20
	R021/T4/D-S	ROTALOCK 1"	5/8"	1/4"	36	108	20	31	20
	R021/T5/D-S	ROTALOCK 1"	3/4"	1/4"	39	111	21	32	22
	R022/T5/D-S	ROTALOCK 1"1/4	3/4"	1/4"	44	111	22	32	22



TECHNICAL DATA	
FLUID GROUP 2	
PS: 45 bar (TS: -10/+150 °C)	
PS: 33 bar (TS: -10/-40 °C)	
PS: 11 bar (TS: -40/-60 °C)	
GAS: A1 - ISO 21922	

PRESA DESTRA E SINISTRA
 RIGHT AND LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R031/T2/D-S/SR	ROTALOCK 1"	3/8"	1/4"	30	97	20	31	20
	R031/T3/D-S/SR	ROTALOCK 1"	1/2"	1/4"	31	98	20	31	20
	R031/T4/D-S/SR	ROTALOCK 1"	5/8"	1/4"	36	108	20	31	20
	R031/T5/D-S/SR	ROTALOCK 1"	3/4"	1/4"	39	111	21	32	22
	R032/T5/D-S/SR	ROTALOCK 1"1/4	3/4"	1/4"	44	111	22	32	22

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exlcude when back seated

**Tappi di protezione in ottone cromato -SR- / Chromium-plated brass protection cap.-SR-

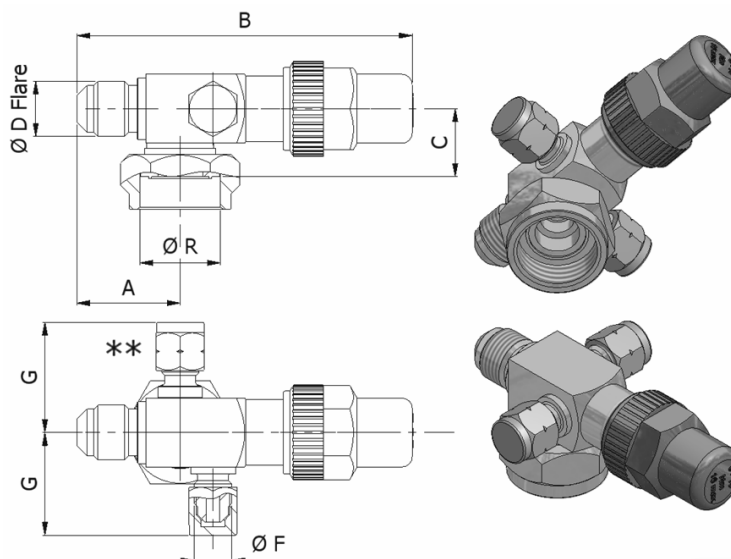
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Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible

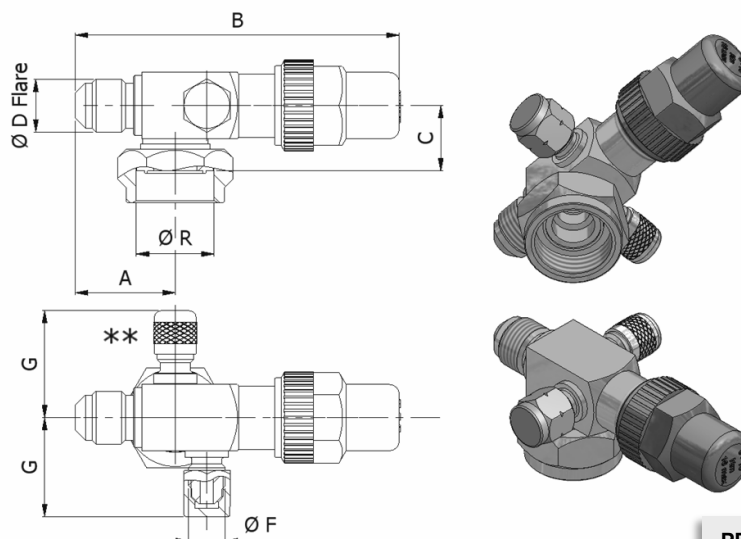
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PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA E DESTRA
 LEFT AND RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART. 4 PAR. 3	R021/T2/S-D	ROTALOCK 1"	3/8"	1/4"	30	97	20	31	20
	R021/T3/S-D	ROTALOCK 1"	1/2"	1/4"	31	98	20	31	20
	R021/T4/S-D	ROTALOCK 1"	5/8"	1/4"	36	108	20	31	20
	R021/T5/S-D	ROTALOCK 1"	3/4"	1/4"	39	111	21	32	22
	R022/T5/S-D	ROTALOCK 1"1/4	3/4"	1/4"	44	111	22	32	22
	R022/T6/S-D	ROTALOCK 1"1/4	7/8"	1/4"	51	123	22	32	22



TECHNICAL DATA
FLUID GROUP 2
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PS: 33 bar (TS: -10/-40 °C)
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GAS: A1 - ISO 21922

PRESA SINISTRA E DESTRA
 LEFT AND RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD FLARE-SAE	ØF FLARE-SAE	A	B	C	G	□
ART. 4 PAR. 3	R031/T2/S-D/SR	ROTALOCK 1"	3/8"	1/4"	30	97	20	31	20
	R031/T3/S-D/SR	ROTALOCK 1"	1/2"	1/4"	31	98	20	31	20
	R031/T4/S-D/SR	ROTALOCK 1"	5/8"	1/4"	35	107	20	31	20
	R091/T5/S-D/SR	ROTALOCK 1"	3/4"	1/4"	41	113	20	31	20
	R031/T5/S-D/SR	ROTALOCK 1"	3/4"	1/4"	41	113	21	32	22
	R032/T5/S-D/SR	ROTALOCK 1"1/4	3/4"	1/4"	44	116	22	32	22
	R032/T6/S-D/SR	ROTALOCK 1"1/4	7/8"	1/4"	51	123	22	32	22

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exlcude when back seated

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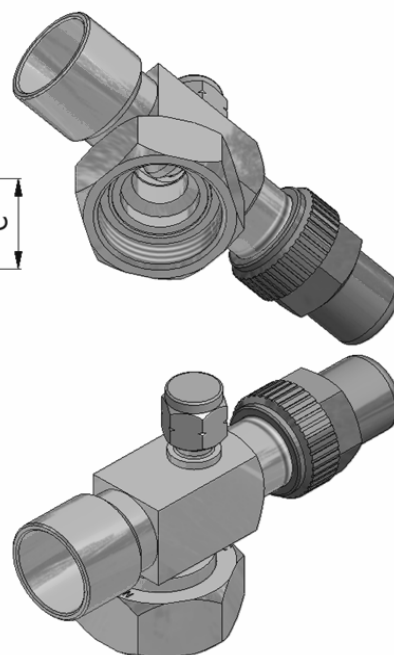
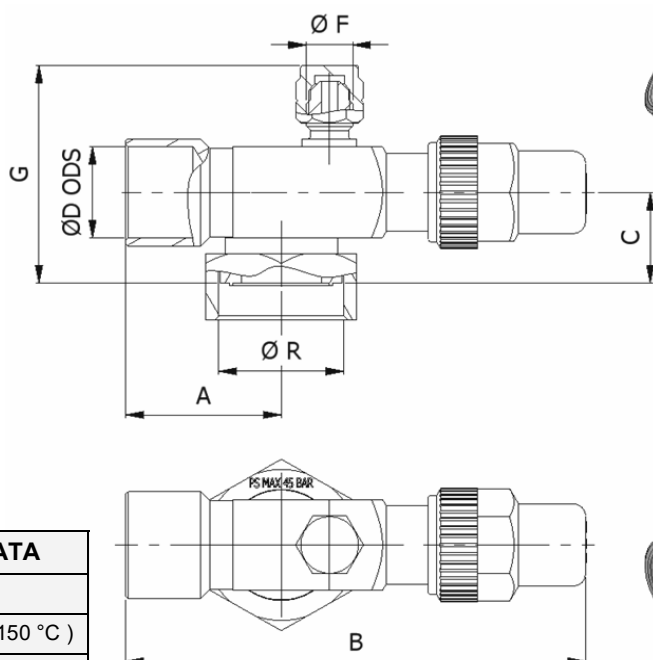
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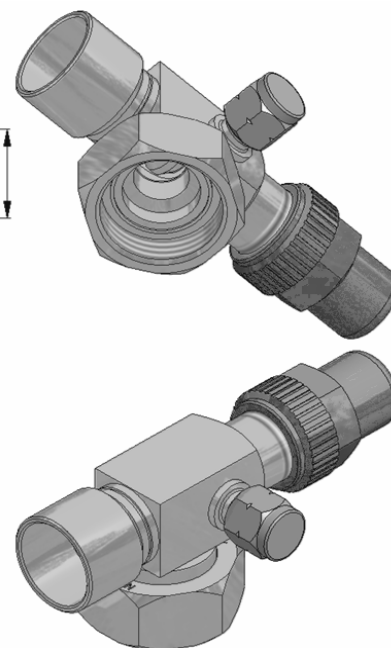
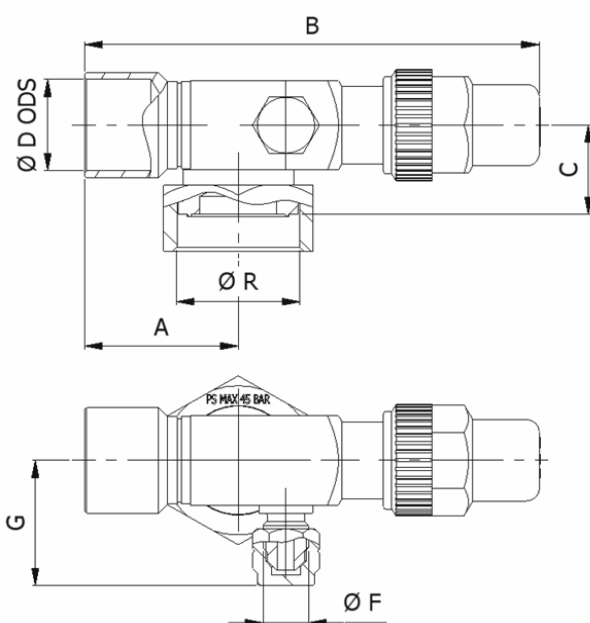
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PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R040/FA2/H	ROTALOCK 3/4"	6	/	1/4"	30	97	20	49	20
	R040/FA3/H	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	49	20
	R040/FA4/H	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	49	20
	R040/FA5/H	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	49	20
	R040/FA6/H	ROTALOCK 3/4"	10	/	1/4"	30	97	20	49	20
	R040/FA8/H	ROTALOCK 3/4"	/	1/2"	1/4"	31	98	20	49	20
	R041/FA5/H	ROTALOCK 1"	/	3/8"	1/4"	30	97	20	49	20
	R041/FA6/H	ROTALOCK 1"	10	/	1/4"	30	97	20	49	20
	R041/FA7/H	ROTALOCK 1"	12	/	1/4"	31	98	20	49	20
	R041/FA8/H	ROTALOCK 1"	/	1/2"	1/4"	31	98	20	49	20
	R041/FB2/H	ROTALOCK 1"	16	5/8"	1/4"	36	108	20	49	20
	R041/FB3/H	ROTALOCK 1"	18	/	1/4"	37	109	20	49	20
	R041/FB4/H	ROTALOCK 1"	/	3/4"	1/4"	37	110	20	49	20
	R042/FB2/H	ROTALOCK 1 1/4"	16	5/8"	1/4"	37	110	22	53	22
	R042/FB3/H	ROTALOCK 1 1/4"	18	/	1/4"	37	110	22	53	22
	R042/FB4/H	ROTALOCK 1 1/4"	/	3/4"	1/4"	37	110	22	53	22
	R042/FS6/H	ROTALOCK 1 1/4"	22	/	1/4"	37	110	22	53	22
	R042/FS7/H	ROTALOCK 1 1/4"	/	7/8"	1/4"	37	110	22	53	22
	R042/FB6/H	ROTALOCK 1 1/4"	22	/	1/4"	44	137	25	58	28
	R042/FB7/H	ROTALOCK 1 1/4"	/	7/8"	1/4"	44	137	25	58	28
R042/FC1/H	ROTALOCK 1 1/4"	28	/	1/4"	48	141	25	58	28	
R042/FC2/H	ROTALOCK 1 1/4"	/	1 1/8"	1/4"	48	141	25	58	28	
R043/FB6/H	ROTALOCK 1 3/4"	22	/	1/4"	44	137	26	60	28	
R043/FB7/H	ROTALOCK 1 3/4"	/	7/8"	1/4"	44	137	26	60	28	
R043/FC1/H	ROTALOCK 1 3/4"	28	/	1/4"	59	181	31	68	35	
R043/FC2/H	ROTALOCK 1 3/4"	/	1 1/8"	1/4"	59	181	31	68	35	
R043/FC8/H	ROTALOCK 1 3/4"	35	1 3/8"	1/4"	59	181	31	68	35	
R043/FD2/H	ROTALOCK 1 3/4"	42	/	1/4"	63	185	31	68	35	
R043/FD1/H	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	62	184	31	68	35	
R044/FD1/H	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	66	189	33	73	40	
R044/FD2/H	ROTALOCK 1 3/4"	42	/	1/4"	66	189	33	73	40	
R045/FT8/H	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	59	181	34	71	35	
R045/FZ8/H	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	61	184	35	75	40	
R045/FU1/H	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	66	189	36	75	40	
R045/FU2/H	ROTALOCK 2 1/4"	42	/	1/4"	66	189	36	75	40	
R045/FC8/H	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	72	201	39	84	50	
R045/FD1/H	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	72	201	39	84	50	
R045/FD2/H	ROTALOCK 2 1/4"	42	/	1/4"	72	201	39	84	50	
R045/FD7/H	ROTALOCK 2 1/4"	54	2 1/8"	1/4"	80	209	39	84	50	

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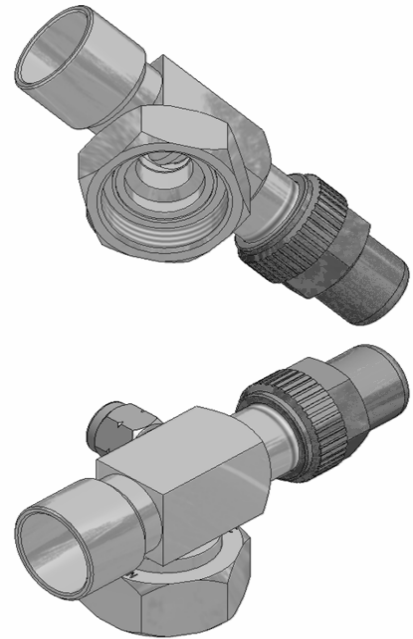
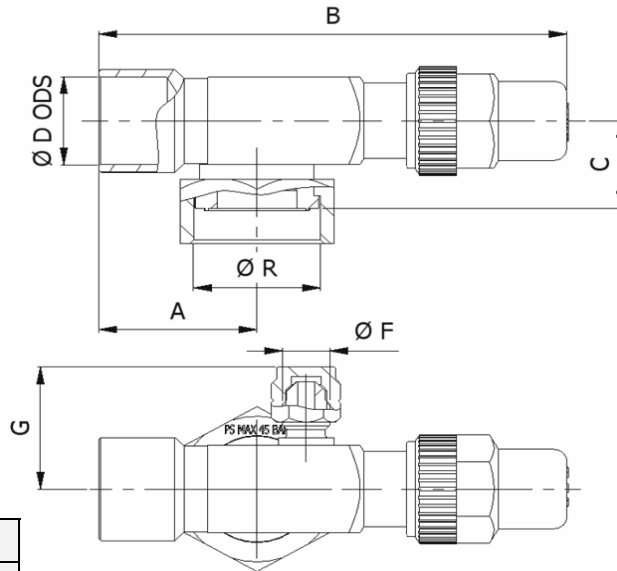
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PRESA SINISTRA
LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R040/FA2/S	ROTALOCK 3/4"	6	/	1/4"	30	97	20	31	20
	R040/FA3/S	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	31	20
	R040/FA4/S	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	31	20
	R040/FA5/S	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	31	20
	R040/FA6/S	ROTALOCK 3/4"	10	/	1/4"	30	97	20	31	20
	R041/FA5/S	ROTALOCK 1"	/	3/8"	1/4"	30	97	20	31	20
	R041/FA6/S	ROTALOCK 1"	10	/	1/4"	30	97	20	31	20
	R041/FA7/S	ROTALOCK 1"	12	/	1/4"	31	98	20	31	20
	R041/FA8/S	ROTALOCK 1"	/	1/2"	1/4"	31	98	20	31	20
	R041/FB2/S	ROTALOCK 1"	16	5/8"	1/4"	36	108	20	30	20
	R041/FB3/S	ROTALOCK 1"	18	/	1/4"	37	110	20	31	20
	R041/FB4/S	ROTALOCK 1"	/	3/4"	1/4"	37	110	20	31	20
	R042/FB2/S	ROTALOCK 1 1/4"	16	5/8"	1/4"	37	110	22	31	22
	R042/FB3/S	ROTALOCK 1 1/4"	18	/	1/4"	37	110	22	31	22
	R042/FB4/S	ROTALOCK 1 1/4"	/	3/4"	1/4"	37	110	22	31	22
	R042/FS6/S	ROTALOCK 1 1/4"	22	/	1/4"	37	110	22	31	22
	R042/FS7/S	ROTALOCK 1 1/4"	/	7/8"	1/4"	37	110	22	31	22
	R042/FS3/S	ROTALOCK 1 1/4"	18	/	1/4"	44	137	25	34	28
	R042/FB6/S	ROTALOCK 1 1/4"	22	/	1/4"	44	137	25	34	28
	R042/FB7/S	ROTALOCK 1 1/4"	/	7/8"	1/4"	44	137	25	34	28
R042/FC1/S	ROTALOCK 1 1/4"	28	/	1/4"	48	141	25	34	28	
R042/FC2/S	ROTALOCK 1 1/4"	/	1 1/8"	1/4"	48	141	25	34	28	
R043/FB6/S	ROTALOCK 1 3/4"	22	/	1/4"	44	137	26	35	28	
R043/FB7/S	ROTALOCK 1 3/4"	/	7/8"	1/4"	44	137	26	35	28	
R043/FC1/S	ROTALOCK 1 3/4"	28	/	1/4"	59	181	31	38	35	
R043/FC2/S	ROTALOCK 1 3/4"	/	1 1/8"	1/4"	59	181	31	38	35	
R043/FC8/S	ROTALOCK 1 3/4"	35	1 3/8"	1/4"	59	181	31	38	35	
R043/FD1/S	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	63	185	31	38	35	
R043/FD2/S	ROTALOCK 1 3/4"	42	/	1/4"	62	184	31	38	35	
R044/FD1/S	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	66	189	33	40	40	
R044/FD2/S	ROTALOCK 1 3/4"	42	/	1/4"	66	189	33	40	40	
R045/FT8/S	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	61	184	36	40	40	
R045/FU1/S	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	66	189	36	40	40	
R045/FU2/S	ROTALOCK 2 1/4"	42	/	1/4"	66	189	36	40	40	
R045/FC8/S	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	72	201	39	46	50	
R045/FD1/S	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	72	201	39	46	50	
R045/FD2/S	ROTALOCK 2 1/4"	42	/	1/4"	72	201	39	46	50	
R045/FD7/S	ROTALOCK 2 1/4"	54	2 1/8"	1/4"	80	209	39	46	50	

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



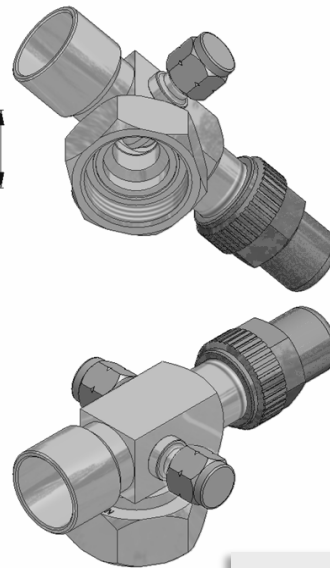
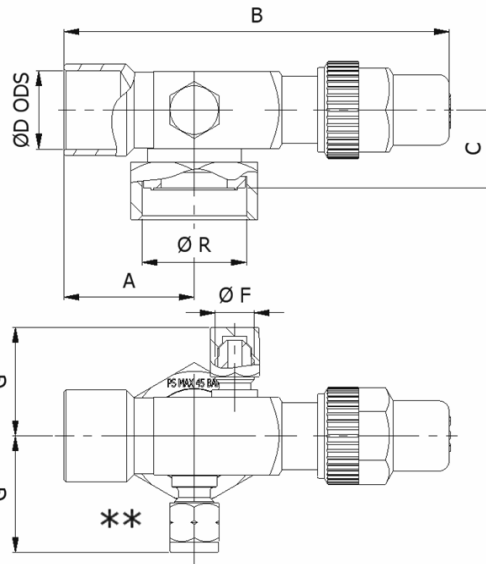
TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA DESTRA
RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R040/FA2/D	ROTALOCK 3/4"	6	/	1/4"	30	97	20	31	20
	R040/FA3/D	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	31	20
	R040/FA4/D	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	31	20
	R040/FA5/D	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	31	20
	R040/FA6/D	ROTALOCK 3/4"	10	/	1/4"	30	97	20	31	20
	R041/FA4/D	ROTALOCK 1"	8	5/16"	1/4"	30	97	20	31	20
	R041/FA5/D	ROTALOCK 1"	/	3/8"	1/4"	30	97	20	31	20
	R041/FA6/D	ROTALOCK 1"	10	/	1/4"	30	97	20	31	20
	R041/FA7/D	ROTALOCK 1"	12	/	1/4"	31	98	20	31	20
	R041/FA8/D	ROTALOCK 1"	/	1/2"	1/4"	31	98	20	31	20
	R041/FB2/D	ROTALOCK 1"	16	5/8"	1/4"	36	108	20	31	20
	R041/FB3/D	ROTALOCK 1"	18	/	1/4"	37	110	20	31	20
	R041/FB4/D	ROTALOCK 1"	/	3/4"	1/4"	37	110	20	31	20
	R042/FB2/D	ROTALOCK 1 1/4"	16	5/8"	1/4"	37	110	22	32	22
	R042/FB3/D	ROTALOCK 1 1/4"	18	/	1/4"	37	110	22	32	22
	R042/FB4/D	ROTALOCK 1 1/4"	/	3/4"	1/4"	37	110	22	32	22
	R042/FS6/D	ROTALOCK 1 1/4"	22	/	1/4"	37	110	22	32	22
	R042/FS7/D	ROTALOCK 1 1/4"	/	7/8"	1/4"	37	110	22	32	22
	R042/FB6/D	ROTALOCK 1 1/4"	22	/	1/4"	44	137	25	35	28
	R042/FB7/D	ROTALOCK 1 1/4"	/	7/8"	1/4"	44	137	25	35	28
R042/FC1/D	ROTALOCK 1 1/4"	28	/	1/4"	48	141	25	35	28	
R042/FC2/D	ROTALOCK 1 1/4"	/	1 1/8"	1/4"	48	141	25	35	28	
R043/FB6/D	ROTALOCK 1 3/4"	22	/	1/4"	44	137	26	35	28	
R043/FB7/D	ROTALOCK 1 3/4"	/	7/8"	1/4"	44	137	26	35	28	
R043/FC1/D	ROTALOCK 1 3/4"	28	/	1/4"	59	181	31	38	35	
R043/FC2/D	ROTALOCK 1 3/4"	/	1 1/8"	1/4"	59	181	31	38	35	
R043/FC8/D	ROTALOCK 1 3/4"	35	1 3/8"	1/4"	59	181	31	38	35	
R043/FD1/D	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	63	185	31	38	35	
R043/FD2/D	ROTALOCK 1 3/4"	42	/	1/4"	62	184	31	38	35	
R044/FD1/D	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	66	189	33	40	40	
R044/FD2/D	ROTALOCK 1 3/4"	42	/	1/4"	66	189	33	40	40	
R045/FT8/D	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	61	184	35	40	40	
R045/FU1/D	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	66	189	35	40	40	
R045/FU2/D	ROTALOCK 2 1/4"	42	/	1/4"	66	189	35	40	40	
R045/FC8/D	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	85	201	39	46	50	
R045/FD1/D	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	85	201	39	46	50	
R045/FD2/D	ROTALOCK 2 1/4"	42	/	1/4"	85	201	39	46	50	
R045/FD7/D	ROTALOCK 2 1/4"	54	2 1/8"	1/4"	80	209	39	46	50	

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA DESTRA E SINISTRA
RIGHT AND LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R050/FA2/D-S	ROTALOCK 3/4"	6	/	1/4"	30	97	20	31	20
	R050/FA3/D-S	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	31	20
	R050/FA4/D-S	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	31	20
	R050/FA5/D-S	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	31	20
	R050/FA6/D-S	ROTALOCK 3/4"	10	/	1/4"	30	97	20	31	20
	R051/FA5/D-S	ROTALOCK 1"	/	3/8"	1/4"	30	97	20	31	20
	R051/FA6/D-S	ROTALOCK 1"	10	/	1/4"	30	97	20	31	20
	R051/FA7/D-S	ROTALOCK 1"	12	/	1/4"	31	98	20	31	20
	R051/FA8/D-S	ROTALOCK 1"	/	1/2"	1/4"	31	98	20	31	20
	R051/FB2/D-S	ROTALOCK 1"	16	5/8"	1/4"	36	108	20	31	20
	R051/FB3/D-S	ROTALOCK 1"	18	/	1/4"	37	110	20	31	20
	R051/FB4/D-S	ROTALOCK 1"	/	3/4"	1/4"	37	110	20	31	20
	R051/FS3/D-S	ROTALOCK 1"	18	/	1/4"	37	110	22	32	22
	R051/FB6/D-S	ROTALOCK 1"	22	/	1/4"	37	110	22	32	22
	R052/FA7/D-S	ROTALOCK 1 1/4"	12	/	1/4"	32	104	21	31	20
	R052/FS2/D-S	ROTALOCK 1 1/4"	16	5/8"	1/4"	35	104	21	31	20
	R052/FB2/D-S	ROTALOCK 1 1/4"	16	5/8"	1/4"	37	110	22	32	22
	R052/FB3/D-S	ROTALOCK 1 1/4"	18	/	1/4"	37	110	22	32	22
	R052/FB4/D-S	ROTALOCK 1 1/4"	/	3/4"	1/4"	37	110	22	32	22
	R052/FS6/D-S	ROTALOCK 1 1/4"	22	/	1/4"	37	110	22	32	22
	R052/FS7/D-S	ROTALOCK 1 1/4"	/	7/8"	1/4"	37	110	22	32	22
	R052/FS3/D-S	ROTALOCK 1 1/4"	18	/	1/4"	44	137	25	35	28
	R052/FB6/D-S	ROTALOCK 1 1/4"	22	/	1/4"	44	137	25	35	28
	R052/FB7/D-S	ROTALOCK 1 1/4"	/	7/8"	1/4"	48	138	25	35	28
	R052/FC1/D-S	ROTALOCK 1 1/4"	28	/	1/4"	48	141	25	35	28
	R052/FC2/D-S	ROTALOCK 1 1/4"	/	1 1/8"	1/4"	48	141	25	35	28
	R053/FB6/D-S	ROTALOCK 1 3/4"	22	/	1/4"	44	137	26	35	28
	R053/FB7/D-S	ROTALOCK 1 3/4"	/	7/8"	1/4"	44	137	26	35	28
R053/FC1/D-S	ROTALOCK 1 3/4"	28	/	1/4"	59	181	31	38	35	
R053/FC2/D-S	ROTALOCK 1 3/4"	/	1 1/8"	1/4"	59	181	31	38	35	
R053/FC8/D-S	ROTALOCK 1 3/4"	35	1 3/8"	1/4"	59	181	31	38	35	
R053/FD1/D-S	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	63	185	31	38	35	
R053/FD2/D-S	ROTALOCK 1 3/4"	42	/	1/4"	62	184	31	38	35	
R054/FD1/D-S	ROTALOCK 1 3/4"	/	1 5/8"	1/4"	66	189	33	41	40	
R054/FD2/D-S	ROTALOCK 1 3/4"	42	/	1/4"	66	189	33	41	40	
R055/FT8/D-S	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	61	184	36	41	40	
R055/FU1/D-S	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	66	189	36	41	40	
R055/FU2/D-S	ROTALOCK 2 1/4"	42	/	1/4"	66	189	36	41	40	
R055/FC8/D-S	ROTALOCK 2 1/4"	35	1 3/8"	1/4"	85	201	39	46	50	
R055/FD1/D-S	ROTALOCK 2 1/4"	/	1 5/8"	1/4"	85	201	39	46	50	
R055/FD2/D-S	ROTALOCK 2 1/4"	42	/	1/4"	85	201	39	46	50	
R055/FD7/D-S	ROTALOCK 2 1/4"	54	2 1/8"	1/4"	80	209	39	46	50	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

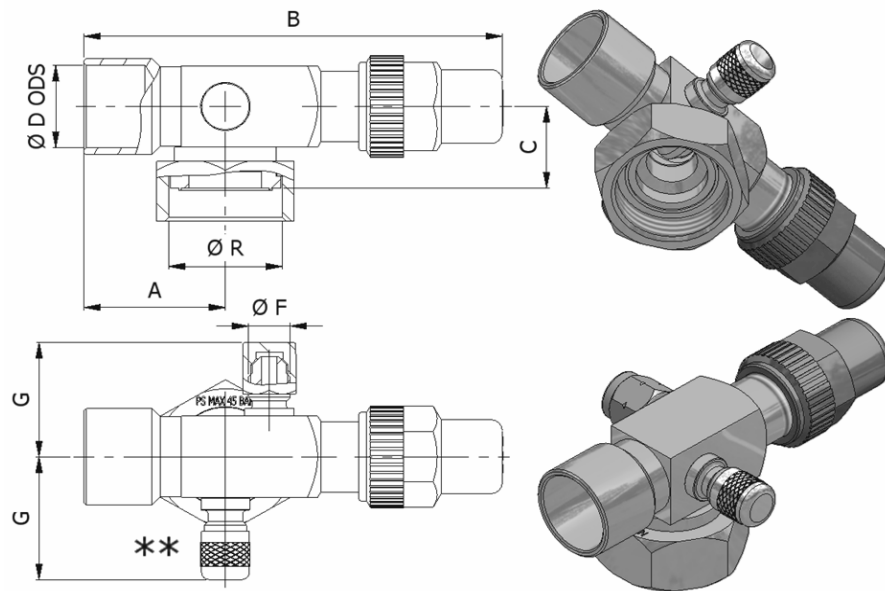
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA DESTRA E SINISTRA
RIGHT AND LEFT GAUGE

FLUID GR.2	TIPO/TYPER	ATTACCO ØR CON- NECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R060/FA2/D-S/SR	ROTALOCK 3/4"	6	/	1/4"	30	97	20	31	20
	R060/FA3/D-S/SR	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	31	20
	R060/FA4/D-S/SR	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	31	20
	R060/FA5/D-S/SR	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	31	20
	R060/FA6/D-S/SR	ROTALOCK 3/4"	10	/	1/4"	30	97	20	31	20
	R061/FA5/D-S/SR	ROTALOCK 1 "	/	3/8"	1/4"	30	97	20	31	20
	R061/FA6/D-S/SR	ROTALOCK 1 "	10	/	1/4"	30	97	20	31	20
	R061/FA7/D-S/SR	ROTALOCK 1 "	12	/	1/4"	31	98	20	31	20
	R061/FA8/D-S/SR	ROTALOCK 1 "	/	1/2"	1/4"	31	98	20	31	20
	R061/FB2/D-S/SR	ROTALOCK 1 "	16	5/8"	1/4"	36	108	20	31	20
	R061/FB3/D-S/SR	ROTALOCK 1 "	18	/	1/4"	37	110	20	31	20
	R061/FB4/D-S/SR	ROTALOCK 1 "	/	3/4"	1/4"	37	110	20	31	20
	R062/FB2/D-S/SR	ROTALOCK 1"1/4	16	5/8"	1/4"	37	110	22	32	22
	R062/FB3/D-S/SR	ROTALOCK 1"1/4	18	/	1/4"	37	110	22	32	22
	R062/FB4/D-S/SR	ROTALOCK 1"1/4	/	3/4"	1/4"	37	110	22	32	22
	R062/FS6/D-S/SR	ROTALOCK 1"1/4	22	/	1/4"	37	110	22	32	22
	R062/FS7/D-S/SR	ROTALOCK 1"1/4	/	7/8"	1/4"	37	110	22	32	22
	R062/FB6/D-S/SR	ROTALOCK 1"1/4	22	/	1/4"	44	137	25	35	28
	R062/FB7/D-S/SR	ROTALOCK 1"1/4	/	7/8"	1/4"	44	137	25	35	28
	R062/FC1/D-S/SR	ROTALOCK 1"1/4	28	/	1/4"	48	141	25	35	28
R062/FC2/D-S/SR	ROTALOCK 1"1/4	/	1"1/8	1/4"	48	141	25	35	28	
R063/FB6/D-S/SR	ROTALOCK 1"3/4	22	/	1/4"	44	137	26	35	28	
R063/FB7/D-S/SR	ROTALOCK 1"3/4	/	7/8"	1/4"	44	137	26	35	28	
R063/FC1/D-S/SR	ROTALOCK 1"3/4	28	/	1/4"	59	181	31	38	35	
R063/FC2/D-S/SR	ROTALOCK 1"3/4	/	1"1/8	1/4"	59	181	31	38	35	
R063/FC8/D-S/SR	ROTALOCK 1"3/4	35	1"3/8	1/4"	59	181	31	38	35	
R063/FD1/D-S/SR	ROTALOCK 1"3/4	/	1"5/8	1/4"	63	185	31	38	35	
R063/FD2/D-S/SR	ROTALOCK 1"3/4	42	/	1/4"	62	184	31	38	35	
R064/FD1/D-S/SR	ROTALOCK 1"3/4	/	1"5/8	1/4"	66	189	33	41	40	
R064/FD2/D-S/SR	ROTALOCK 1"3/4	42	/	1/4"	66	189	33	41	40	
R065/FT8/D-S/SR	ROTALOCK 2"1/4	35	1"3/8	1/4"	61	184	36	41	40	
R065/FU1/D-S/SR	ROTALOCK 2"1/4	/	1"5/8	1/4"	66	189	36	41	40	
R065/FU2/D-S/SR	ROTALOCK 2"1/4	42	/	1/4"	66	189	36	41	40	
R065/FC8/D-S/SR	ROTALOCK 2"1/4	35	1"3/8	1/4"	85	201	39	46	50	
R065/FD1/D-S/SR	ROTALOCK 2"1/4	/	1"5/8	1/4"	85	201	39	46	50	
R065/FD2/D-S/SR	ROTALOCK 2"1/4	42	/	1/4"	85	201	39	46	50	
R065/FD7/D-S/SR	ROTALOCK 2"1/4	54	2"1/8	1/4"	80	209	39	46	50	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

**Tappi di protezione in ottone cromato -SR- / Chromium-plated brass protection cap.-SR-

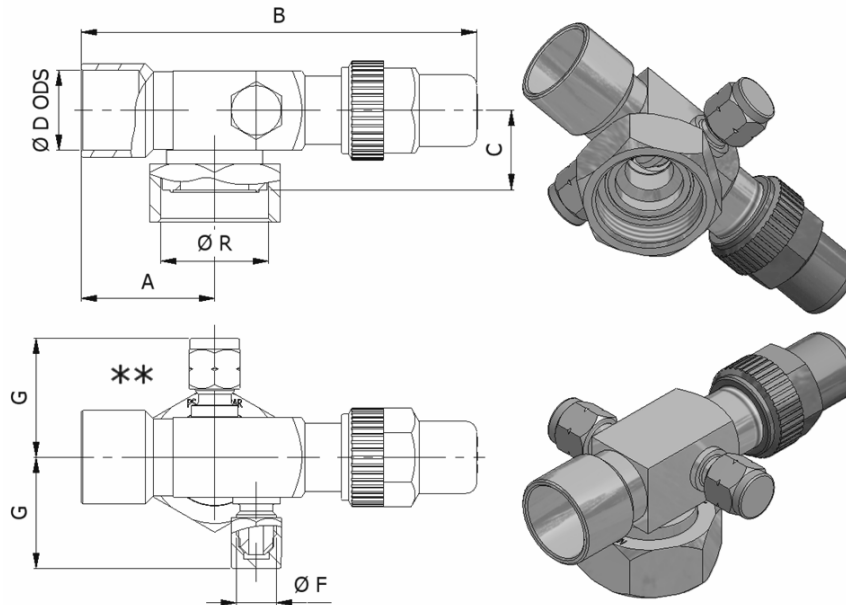
Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA E DESTRA
LEFT AND RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNESSION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART. 4 PAR. 3	R070/FA2/S-D	ROTALOCK 3/4"	6	/	1/4"	30	97	20	31	20
	R070/FA3/S-D	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	31	20
	R070/FA4/S-D	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	31	20
	R070/FA5/S-D	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	31	20
	R070/FA6/S-D	ROTALOCK 3/4"	10	/	1/4"	30	97	20	31	20
	R071/FA5/S-D	ROTALOCK 1 "	/	3/8"	1/4"	30	97	20	31	20
	R071/FA6/S-D	ROTALOCK 1 "	10	/	1/4"	30	97	20	31	20
	R071/FA7/S-D	ROTALOCK 1 "	12	/	1/4"	31	98	20	31	20
	R071/FA8/S-D	ROTALOCK 1 "	/	1/2"	1/4"	31	98	20	31	20
	R071/FB2/S-D	ROTALOCK 1 "	16	5/8"	1/4"	36	108	20	31	20
	R071/FB3/S-D	ROTALOCK 1 "	18	/	1/4"	37	110	20	31	20
	R071/FB4/S-D	ROTALOCK 1 "	/	3/4"	1/4"	37	110	20	31	20
	R072/FB2/S-D	ROTALOCK 1 1/4	16	5/8"	1/4"	37	110	22	32	22
	R072/FB3/S-D	ROTALOCK 1 1/4	18	/	1/4"	37	110	22	32	22
	R072/FB4/S-D	ROTALOCK 1 1/4	/	3/4"	1/4"	37	110	22	32	22
	R072/FS6/S-D	ROTALOCK 1 1/4	22	/	1/4"	37	110	22	32	22
	R072/FS7/S-D	ROTALOCK 1 1/4	/	7/8"	1/4"	37	110	22	32	22
	R072/FS3/S-D	ROTALOCK 1 1/4	18	/	1/4"	44	137	25	35	28
	R072/FB6/S-D	ROTALOCK 1 1/4	22	/	1/4"	44	137	25	35	28
	R072/FB7/S-D	ROTALOCK 1 1/4	/	7/8"	1/4"	44	137	25	35	28
R072/FC1/S-D	ROTALOCK 1 1/4	28	/	1/4"	48	141	25	35	28	
R072/FC2/S-D	ROTALOCK 1 1/4	/	1 1/8	1/4"	48	141	25	35	28	
R073/FB6/S-D	ROTALOCK 1 3/4	22	/	1/4"	44	137	26	35	28	
R073/FB7/S-D	ROTALOCK 1 3/4	/	7/8"	1/4"	44	137	26	35	28	
R073/FC1/S-D	ROTALOCK 1 3/4	28	/	1/4"	59	181	31	38	35	
R073/FC2/S-D	ROTALOCK 1 3/4	/	1 1/8	1/4"	59	181	31	38	35	
R073/FC8/S-D	ROTALOCK 1 3/4	35	1 3/8	1/4"	59	181	31	38	35	
R073/FD1/S-D	ROTALOCK 1 3/4	/	1 5/8	1/4"	63	185	31	38	35	
R073/FD2/S-D	ROTALOCK 1 3/4	42	/	1/4"	62	184	31	38	35	
R074/FD1/S-D	ROTALOCK 1 3/4	/	1 5/8	1/4"	66	189	33	41	40	
R074/FD2/S-D	ROTALOCK 1 3/4	42	/	1/4"	66	189	33	41	40	
R085/FC8/S-D	ROTALOCK 2 1/4	35	1 3/8	1/4"	59	182	31	34	35	
R085/FD2/S-D	ROTALOCK 2 1/4	42	/	1/4"	66	189	31	34	35	
R075/FT8/S-D	ROTALOCK 2 1/4	35	1 3/8	1/4"	61	184	36	41	40	
R075/FU1/S-D	ROTALOCK 2 1/4	/	1 5/8	1/4"	66	189	36	41	40	
R075/FU2/S-D	ROTALOCK 2 1/4	42	/	1/4"	66	189	36	41	40	
R075/FC8/S-D	ROTALOCK 2 1/4	35	1 3/8	1/4"	72	201	39	46	50	
R075/FD1/S-D	ROTALOCK 2 1/4	/	1 5/8	1/4"	72	201	39	46	50	
R075/FD2/S-D	ROTALOCK 2 1/4	42	/	1/4"	72	201	39	46	50	
R075/FD7/S-D	ROTALOCK 2 1/4	54	2 1/8	1/4"	80	209	39	46	50	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

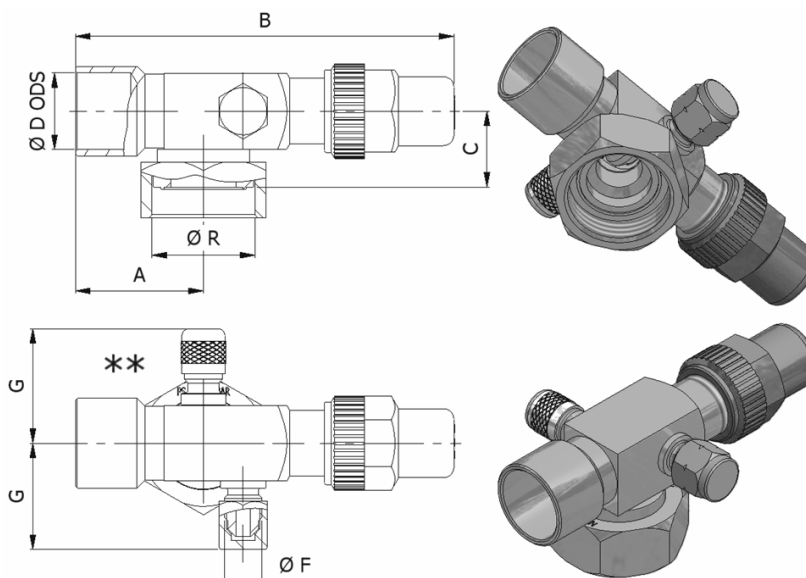
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

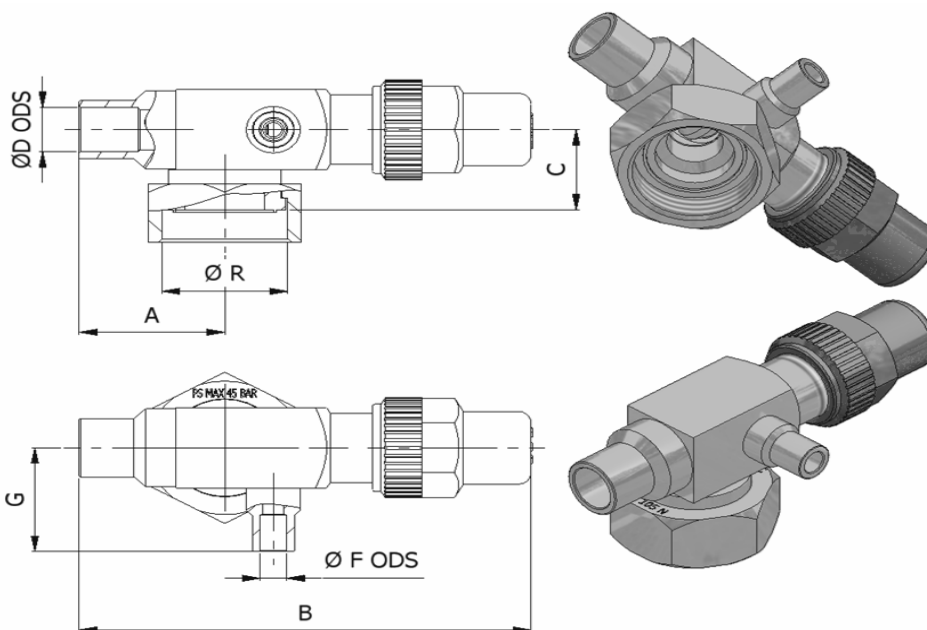


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA E DESTRA
LEFT AND RIGHT GAUGE

FLUID GR.2	TIPO/TYPER	ATTACCO ØR CON-NECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R080/FA2/S-D/SR	ROTALOCK 3/4"	6	/	1/4"	30	97	20	31	20
	R080/FA3/S-D/SR	ROTALOCK 3/4"	/	1/4"	1/4"	30	97	20	31	20
	R080/FA4/S-D/SR	ROTALOCK 3/4"	8	5/16"	1/4"	30	97	20	31	20
	R080/FA5/S-D/SR	ROTALOCK 3/4"	/	3/8"	1/4"	30	97	20	31	20
	R080/FA6/S-D/SR	ROTALOCK 3/4"	10	/	1/4"	30	97	20	31	20
	R081/FA5/S-D/SR	ROTALOCK 1"	/	3/8"	1/4"	30	97	20	31	20
	R081/FA6/S-D/SR	ROTALOCK 1"	10	/	1/4"	30	97	20	31	20
	R081/FA7/S-D/SR	ROTALOCK 1"	12	/	1/4"	31	98	20	31	20
	R081/FA8/S-D/SR	ROTALOCK 1"	/	1/2"	1/4"	31	98	20	31	20
	R081/FB2/S-D/SR	ROTALOCK 1"	16	5/8"	1/4"	36	108	20	31	20
	R081/FB3/S-D/SR	ROTALOCK 1"	18	/	1/4"	37	110	20	31	20
	R081/FB4/S-D/SR	ROTALOCK 1"	/	3/4"	1/4"	37	110	20	31	20
	R082/FB2/S-D/SR	ROTALOCK 1"1/4	16	5/8"	1/4"	37	110	22	32	22
	R082/FB3/S-D/SR	ROTALOCK 1"1/4	18	/	1/4"	37	110	22	32	22
	R082/FB4/S-D/SR	ROTALOCK 1"1/4	/	3/4"	1/4"	37	110	22	32	22
	R082/FS6/S-D/SR	ROTALOCK 1"1/4	22	/	1/4"	37	110	22	32	22
	R082/FS7/S-D/SR	ROTALOCK 1"1/4	/	7/8"	1/4"	37	110	22	32	22
	R082/FB6/S-D/SR	ROTALOCK 1"1/4	22	/	1/4"	44	137	25	35	28
	R082/FB7/S-D/SR	ROTALOCK 1"1/4	/	7/8"	1/4"	44	137	25	35	28
	R082/FC1/S-D/SR	ROTALOCK 1"1/4	28	/	1/4"	48	141	25	35	28
	R082/FC2/S-D/SR	ROTALOCK 1"1/4	/	1-1/8"	1/4"	48	141	25	35	28
	R083/FB6/S-D/SR	ROTALOCK 1"3/4	22	/	1/4"	44	137	26	35	28
	R083/FB7/S-D/SR	ROTALOCK 1"3/4	/	7/8"	1/4"	44	137	26	35	28
	R083/FS6/S-D/SR	ROTALOCK 1"3/4	22	/	1/4"	55	177	31	38	35
	R083/FC1/S-D/SR	ROTALOCK 1"3/4	28	/	1/4"	59	181	31	38	35
	R083/FC2/S-D/SR	ROTALOCK 1"3/4	/	1"1/8	1/4"	59	181	31	38	35
R083/FC8/S-D/SR	ROTALOCK 1"3/4	35	1"3/8	1/4"	59	181	31	38	35	
R083/FD2/S-D/SR	ROTALOCK 1"3/4	42	/	1/4"	63	185	31	38	35	
R083/FD1/S-D/SR	ROTALOCK 1"3/4	/	1"5/8	1/4"	62	184	31	38	35	
R084/FD1/S-D/SR	ROTALOCK 1"3/4	/	1"5/8	1/4"	66	189	33	41	40	
R084/FD2/S-D/SR	ROTALOCK 1"3/4	42	/	1/4"	66	189	33	41	40	
R085/FC8/S-D/SR	ROTALOCK 2"1/4	35	1"3/8	1/4"	59	182	31	34	35	
R085/FD2/S-D/SR	ROTALOCK 2"1/4	42	/	1/4"	66	189	31	34	35	
R085/FZ8/S-D/SR	ROTALOCK 2"1/4	35	1"3/8	1/4"	61	184	36	41	40	
R085/FU2/S-D/SR	ROTALOCK 2"1/4	42	/	1/4"	66	189	36	41	40	
R085/FU1/S-D/SR	ROTALOCK 2"1/4	/	1"5/8	1/4"	66	189	36	41	40	
R085/FT8/S-D/SR	ROTALOCK 2"1/4	35	1"3/8	1/4"	72	201	39	46	50	
R085/FD1/S-D/SR	ROTALOCK 2"1/4	/	1"5/8	1/4"	72	201	39	46	50	
R085/FD2/S-D/SR	ROTALOCK 2"1/4	42	/	1/4"	72	201	39	46	50	
R085/FD7/S-D/SR	ROTALOCK 2"1/4	54	2"1/8	1/4"	80	209	39	46	50	

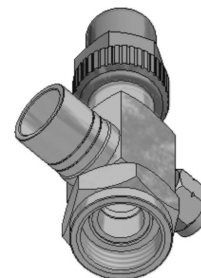
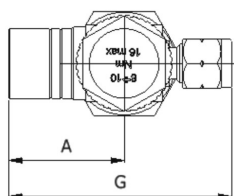
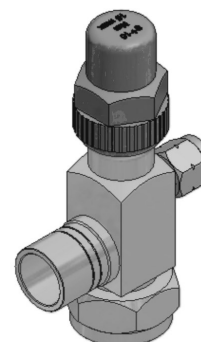
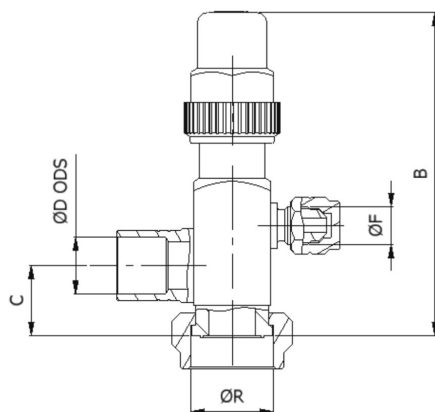
****Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura**
****Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exlcude when back seated**
****Tappi di protezione in ottone cromato -SR- / Chromium-plated brass protection cap.-SR-**
Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
Tappi di tenuta in ottone / Sealing brass plugs
E' possibile fare richieste speciali / special request are possible
Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA
LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD ODS (mm)	ØD ODS (inches)	ØF ODS (mm)	ØF ODS (inches)	A	B	C	G	□
ART.4 PAR.3	R041/FA6-FA2/S	ROTALOCK 1 "	10	/	6	/	30	97	20	28	20
	R042/FA7-FA2/S	ROTALOCK 1"1/4	12	/	6	/	35	107	22	29	22
	R043/FB2-FA2/S	ROTALOCK 1"3/4	16	5/8"	6	/	44	137	26	31	28



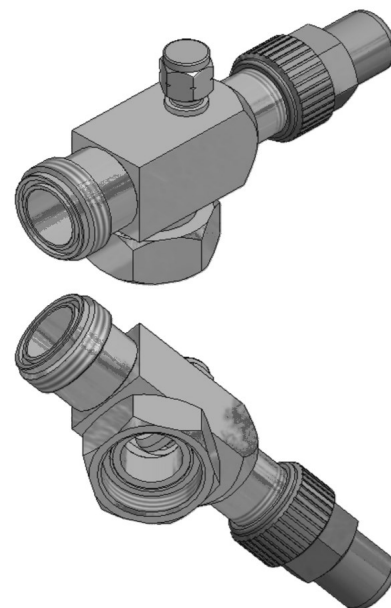
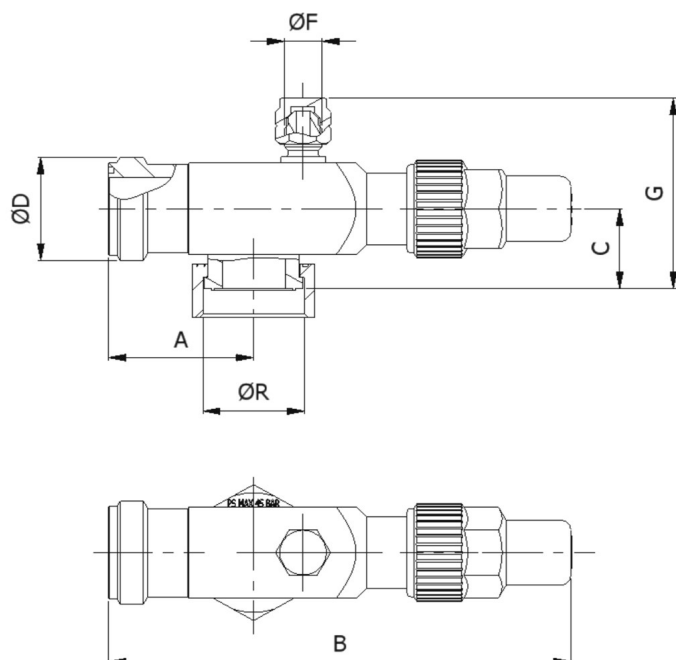
TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNECTION ØR	ØD ODS (mm)	ØD ODS (inches)	A	B	C	G	□
ART.4 PAR.3	R100/R2/FA7/V	ROTALOCK 1 "	12	/	28	87	20	58	20
	R101/R2/FB2/V	ROTALOCK 1 "	16	5/8"	33	93	20	64	22
	R102/R3/FB3/V	ROTALOCK 1"1/4	18	/	36	125	32	70	28
	R102/R3/FB6/V	ROTALOCK 1"1/4	22	/	36	125	32	70	28

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

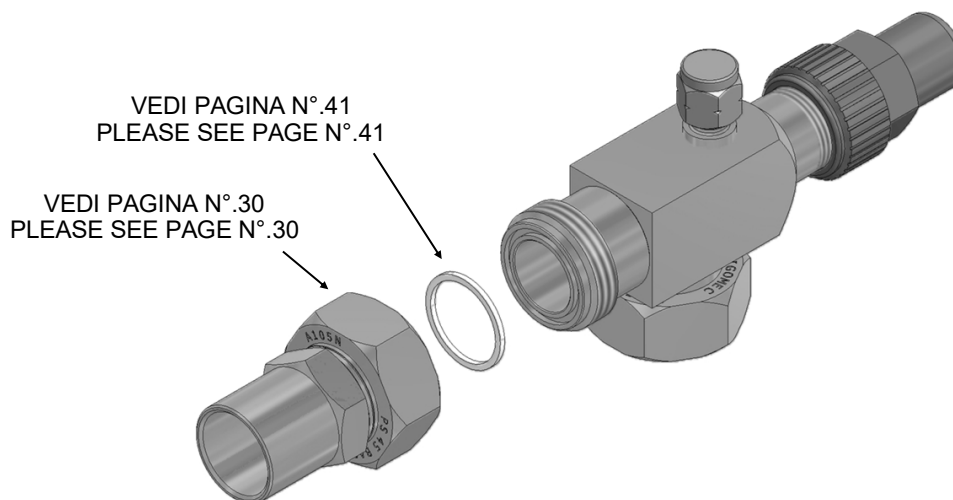


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

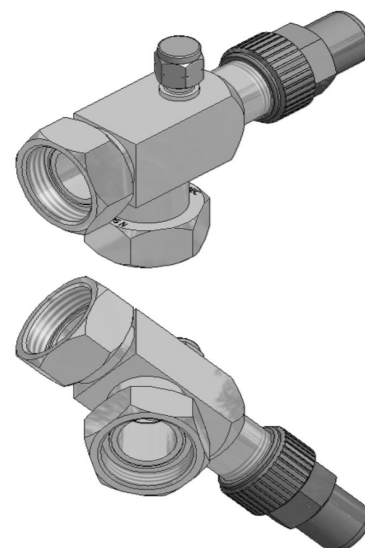
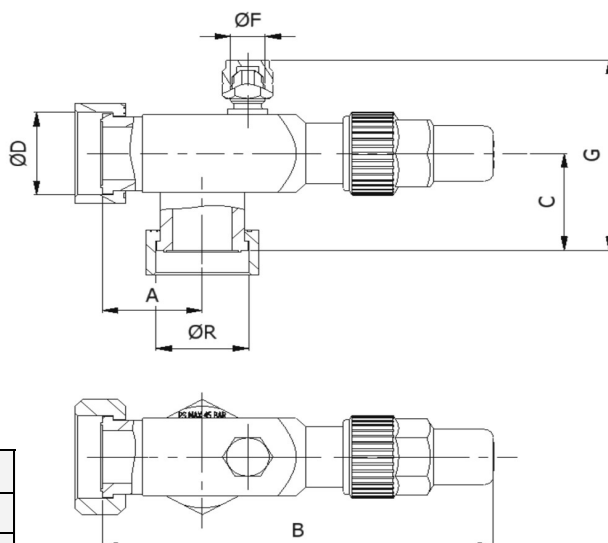
FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ATTACCO ØD CON- NECTION ØD	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R041/R2/H	ROTALOCK 1"	ROTALOCK 1"	1/4"	34	106	21	52	22
	R042/R3/H	ROTALOCK 1"1/4	ROTALOCK 1"1/4	1/4"	42	135	25	59	28
CAT.1	R043/R4/H	ROTALOCK 1"3/4	ROTALOCK 1"3/4	1/4"	49	171	31	68	35
	R044/R4/H	ROTALOCK 1"3/4	ROTALOCK 1"3/4	1/4"	51	174	33	73	40
	R045/R5/H	ROTALOCK 2"1/4	ROTALOCK 2"1/4	1/4"	65	194	39	84	50

Esempio di applicazione Application example



Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 Tappi di tenuta in ottone / Sealing brass plugs

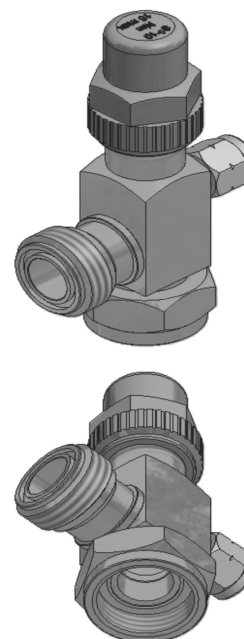
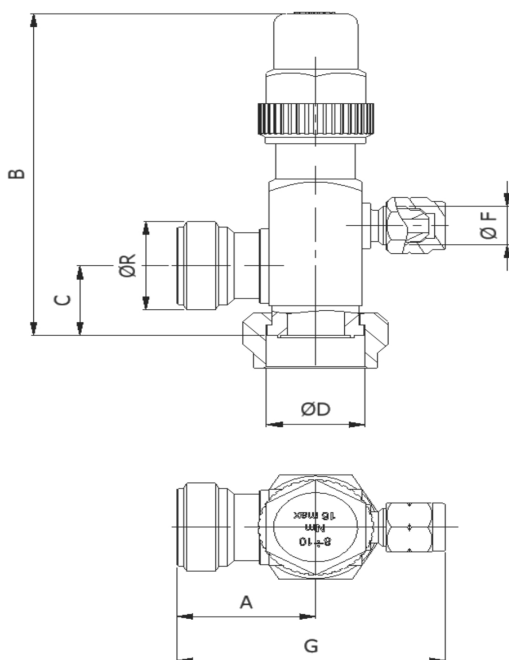
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Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ATTACCO ØD CON- NECTION ØD	ØF FLARE-SAE	A	B	C	G	□
ART.4	R041/R2/R2/H	ROTALOCK 1"	ROTALOCK 1"	1/4"	20	92	32	63	22
PAR.3	R042/R3/R3/H	ROTALOCK 1"1/4	ROTALOCK 1"1/4	1/4"	35	125	35	69	28
CAT.1	R043/R4/R4/H	ROTALOCK 1"3/4	ROTALOCK 1"3/4	1/4"	38	160	42	79	35



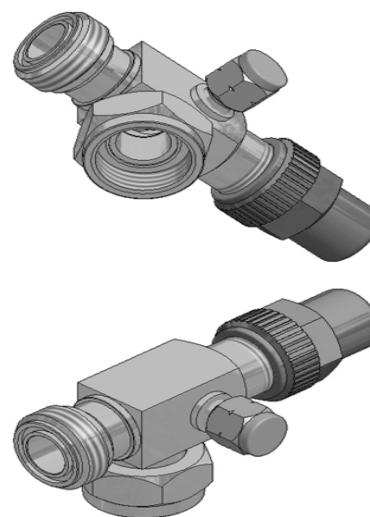
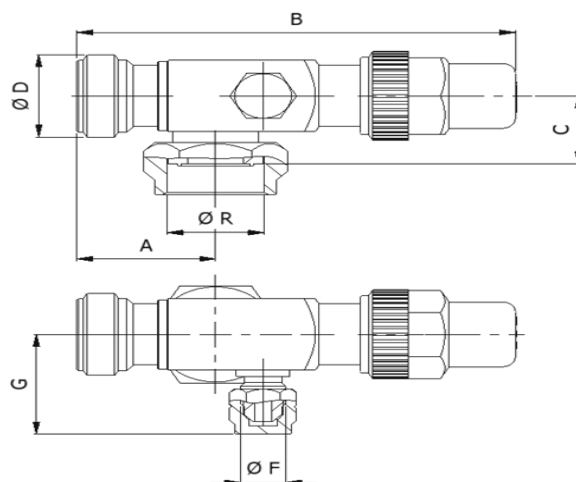
TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CON- NECTION ØR	ATTACCO ØD CON- NECTION ØD	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	R110/R2/R2/V	ROTALOCK 1"	ROTALOCK 1"	1/4"	20	92	32	63	22

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 Tappi di tenuta in ottone / Sealing brass plugs

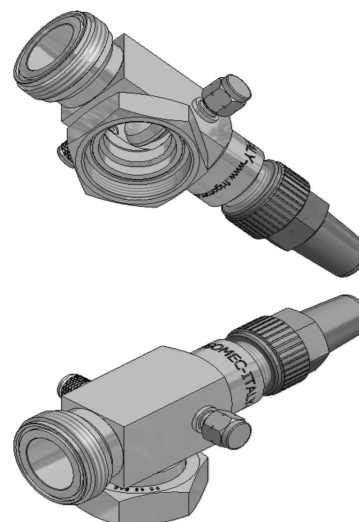
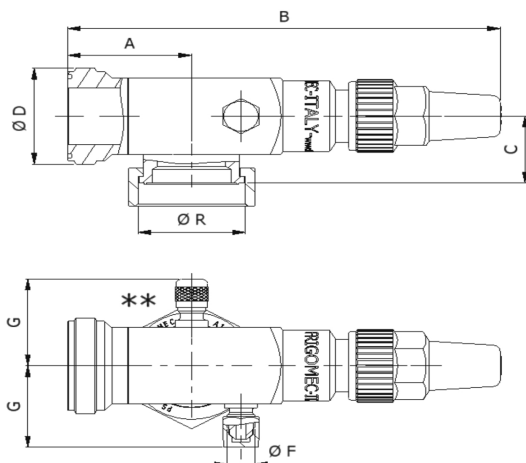
E' possibile fare richieste speciali / special request are possible
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA
LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNEC-TION ØR	ATTACCO ØD CONNEC-TION ØD	ØF FLARE-SAE	A	B	C	G	□
ART.4	R041/R2/S	ROVALOCK 1"	ROVALOCK 1"	1/4"	34	106	21	32	22
PAR.3	R042/R3/S	ROVALOCK 1"1/4	ROVALOCK 1"1/4	1/4"	43	135	25	35	28
CAT.1	R043/R4/S	ROVALOCK 1"3/4	ROVALOCK 1"3/4	1/4"	49	171	31	38	35
	R044/R4/S	ROVALOCK 1"3/4	ROVALOCK 1"3/4	1/4"	51	174	33	41	40
	R045/R5/S	ROVALOCK 2"1/4	ROVALOCK 2"1/4	1/4"	65	194	39	46	50



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA E DESTRA
LEFT AND RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØR CONNEC-TION ØR	ATTACCO ØD CONNEC-TION ØD	ØF FLARE-SAE	A	B	C	G	□
ART.4	R081/R2/S-D/SR	ROVALOCK 1"	ROVALOCK 1"	1/4"	34	106	21	32	22
PAR.3	R082/R3/S-D/SR	ROVALOCK 1"1/4	ROVALOCK 1"1/4	1/4"	43	135	25	35	28
CAT.1	R083/R4/S-D/SR	ROVALOCK 1"3/4	ROVALOCK 1"3/4	1/4"	49	171	31	38	35
	R084/R4/S-D/SR	ROVALOCK 1"3/4	ROVALOCK 1"3/4	1/4"	51	174	33	41	40
	R085/R5/S-D/SR	ROVALOCK 2"1/4	ROVALOCK 2"1/4	1/4"	65	194	39	46	50

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

**Tappi di protezione in ottone cromato -SR- / Chromium-plated brass protection cap.-SR-

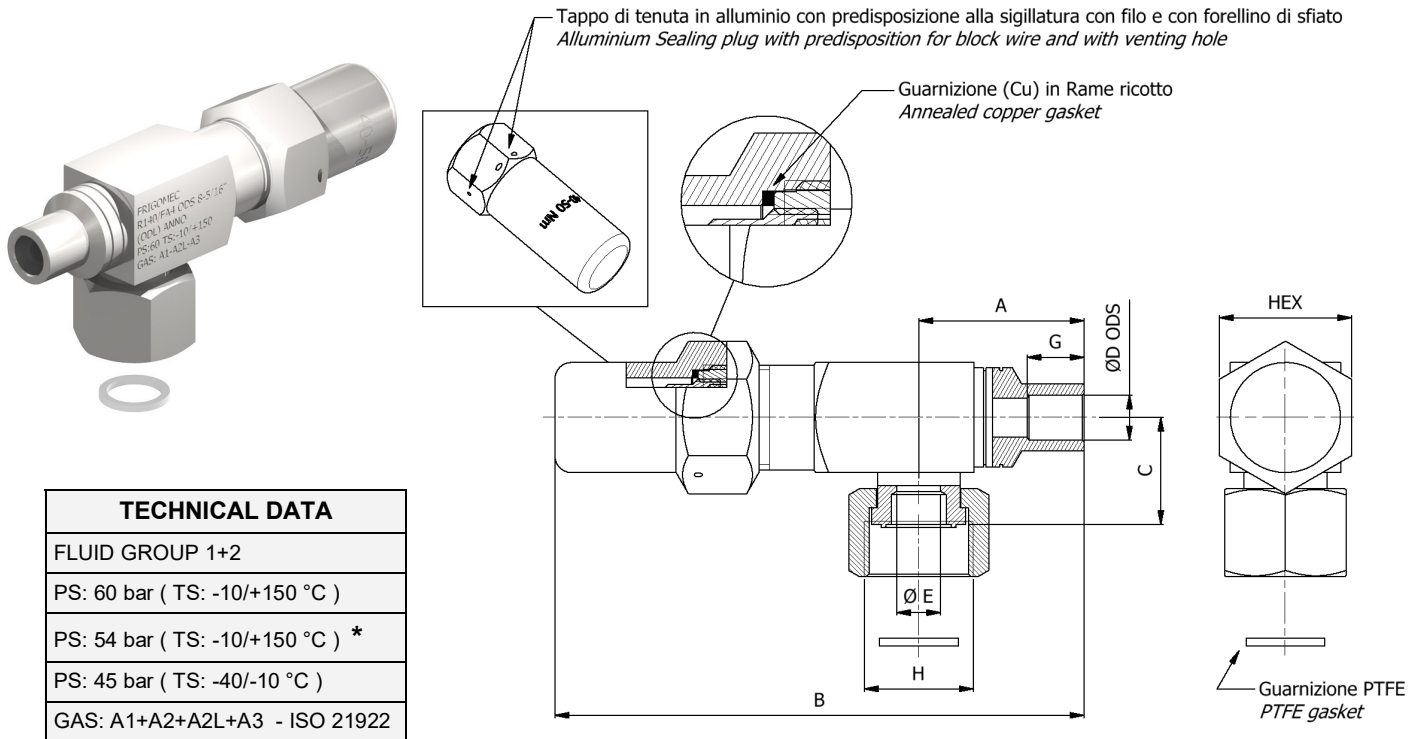
Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

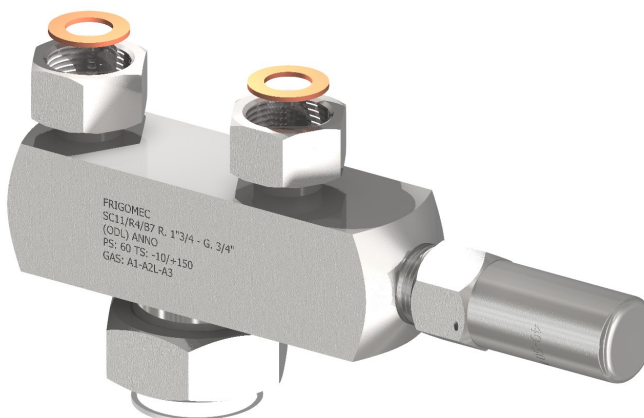
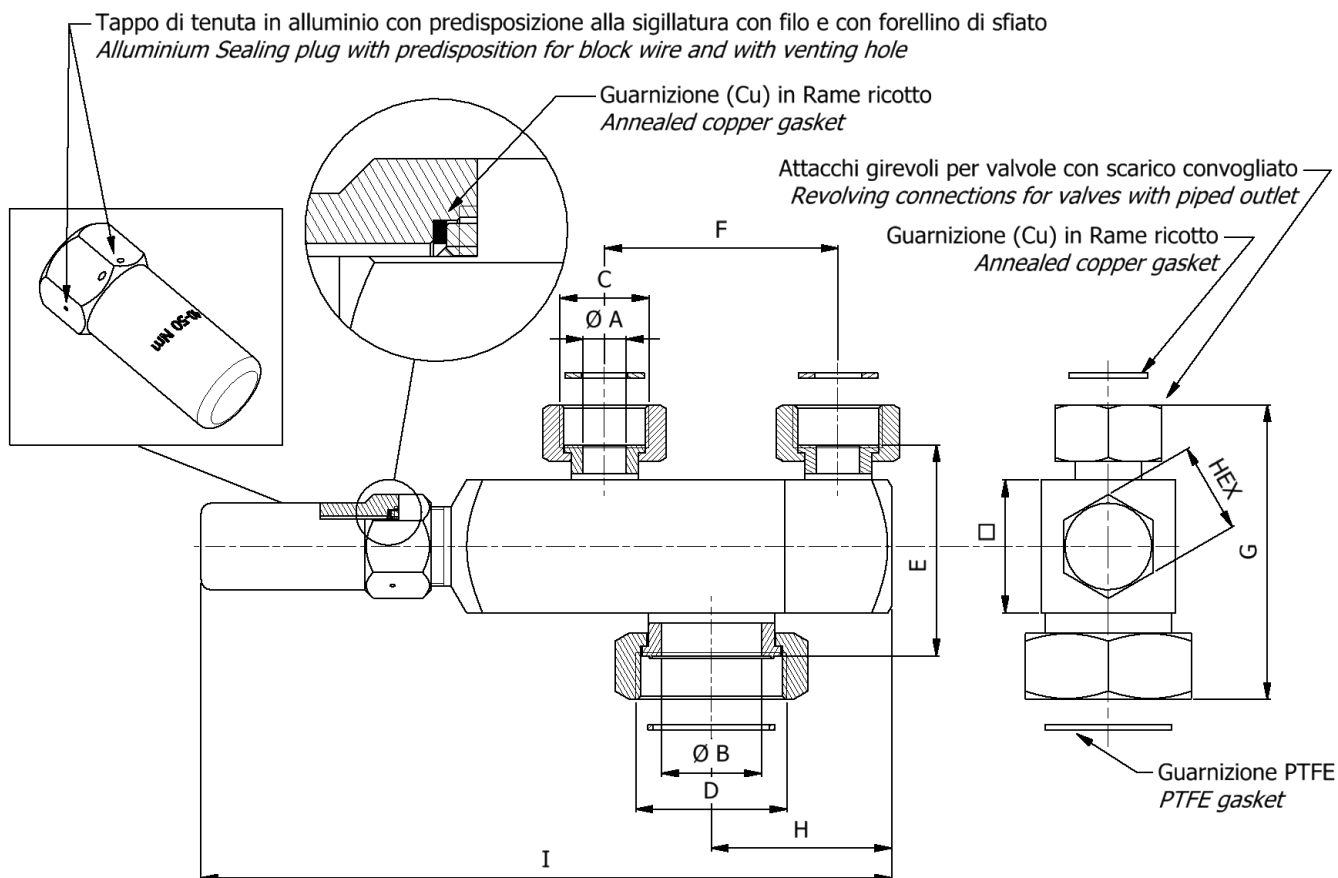


TECHNICAL DATA	
FLUID GROUP 1+2	
PS: 60 bar (TS: -10/+150 °C)	
PS: 54 bar (TS: -10/+150 °C) *	
PS: 45 bar (TS: -40/-10 °C)	
GAS: A1+A2+A2L+A3 - ISO 21922	

FLUID GR.2	FLUID GR.1	TIPO/TYPE	CONNECTION H	ØD ODS (mm)	ØD ODS (inches)	A	B	C	G	E	HEX	□	
ART.4 PAR.3	ART.4 PAR.3	R140/FA2	ROTALOCK 3/4"	6	/	30	96	20	8	8	24	20	
		R140/FA3	ROTALOCK 3/4"	/	/	30	96	20	8	8	24	20	
		R140/FA4	ROTALOCK 3/4"	/	8	5/16"	30	96	20	10	8	24	20
		R140/FA5	ROTALOCK 3/4"	/	/	3/8"	30	96	20	15	8	24	20
		R140/FA6	ROTALOCK 3/4"	/	10	/	30	96	20	10	8	24	20
		R140/FA8	ROTALOCK 3/4"	/	/	1/2"	31	97	20	14	8	24	20
		R141/FA5	ROTALOCK 1"	/	/	3/8"	30	96	20	15	10	24	20
		R141/FA6	ROTALOCK 1"	/	10	/	30	96	20	10	10	24	20
		R141/FA7	ROTALOCK 1"	/	12	/	31	97	20	14	10	24	20
		R141/FA8	ROTALOCK 1"	/	/	1/2"	31	97	20	14	10	24	20
		R141/FB2	ROTALOCK 1"	/	16	5/8"	36	107	20	15	12	24	20
		R141/FB3	ROTALOCK 1"	/	18	/	37	108	20	16	12	24	20
		R141/FB4	ROTALOCK 1"	/	/	3/4"	37	108	20	16	12	24	20
		R142/FB2	ROTALOCK 1 1/4"	/	16	5/8"	37	108	22	16	13.5	24	22
		R142/FB3	ROTALOCK 1 1/4"	/	18	/	37	108	22	16	13.5	24	22
		R142/FB4	ROTALOCK 1 1/4"	/	/	3/4"	37	108	22	16	13.5	24	22
		R142/FS6	ROTALOCK 1 1/4"	/	22	/	37	108	22	16	13.5	24	22
		R142/FS7	ROTALOCK 1 1/4"	/	/	7/8"	37	108	22	16	13.5	24	22
		R142/FB6	ROTALOCK 1 1/4"	/	22	/	44	136	24	20	18.5	27	28
		R142/FB7	ROTALOCK 1 1/4"	/	/	7/8"	44	136	24	20	18.5	27	28
		R142/FC1	ROTALOCK 1 1/4"	/	28	/	48	140	24	20	18.5	27	28
		R142/FC2	ROTALOCK 1 1/4"	/	/	1 1/8"	48	140	24	20	18.5	27	28
		R143/FB6	ROTALOCK 1 3/4"	/	22	/	44	136	26	20	18.5	27	28
		R143/FB7	ROTALOCK 1 3/4"	/	/	7/8"	44	136	26	20	18.5	27	28
R143/FC1	ROTALOCK 1 3/4"	/	28	/	59	191	31	25	27	27	35		
R143/FC2	ROTALOCK 1 3/4"	/	/	1 1/8"	59	191	31	25	27	27	35		
R143/FC8	ROTALOCK 1 3/4"	/	35	1 3/8"	59	191	31	25	27	27	35		
CAT.1	CAT.2	R143/FD2	ROTALOCK 1 3/4"	42	/	63	195	31	30	27	27	35	
ART.4 PAR.3		R145/FT8	ROTALOCK 2 1/4"	35	1 3/8"	59	191	34	25	27	27	35	
R145/FC8		ROTALOCK 2 1/4"	35	1 3/8"	72	211	39	25	40	27	50		
CAT.1	CAT.2 *	R145/FD1	ROTALOCK 2 1/4"	/	1 5/8"	72	211	39	25	40	27	50	
		R145/FD2	ROTALOCK 2 1/4"	42	/	72	211	39	25	40	27	50	
		R145/FD7	ROTALOCK 2 1/4"	54	2 1/8"	80	219	39	25	40	27	50	

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA	
FLUID GROUP 1+2	
PS: 60 bar (TS: -10/+150 °C)	
PS: 45 bar (TS: -40/-10 °C)	
GAS: A1+A2+A2L+A3 - ISO 21922	

FLUID GR.2	FLUID GR.1	TYPE	Kv (m ³ /h)	CONNECTION C	CONNECTION D	Ø A	Ø B	F	G	E	I	H	HEX	□
ART.4 PAR.3	ART.4 PAR.3	SC11/R3/B2	1.2	1/4" GAS ISO 228	1"1/4 ROTALOCK	6	18	55	66	47	148	49	27	28
		SC11/R3/B3	1.8	3/8" GAS ISO 228	1"1/4 ROTALOCK	7	18	55	66	47	148	49	27	28
		SC11/R3/B4	4.8	1/2" GAS ISO 228	1"1/4 ROTALOCK	13	18	55	67	48	148	49	27	28
		SC11/R4/B7	5.8	3/4" GAS ISO 228	1"3/4 ROTALOCK	13	30	70	88	63	207	54	27	40
	CAT.2	SC11/R5/B8	25	1"1/4 GAS ISO 228	2"1/4 ROTALOCK	30	40	120	106	77	282	103	27	50

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

ATTENZIONE: Nel caso in cui gli attacchi, compresi quelli laterali, siano scollegati o non tappati non è permesso aprire l'attrezzatura sotto pressione.
ATTENZIONE: Poiché durante il funzionamento l'attrezzatura a pressione può raggiungere la temperatura massima e/o minima, come da dati tecnici su esposti, e le stesse possono essere pericolose per le persone, prima di intervenire sull'attrezzatura a pressione o sulle zone adiacenti prendere tutte le necessarie precauzioni.
Pericolo di ustioni gravi – indossare i guanti di protezione.

Rubinetti di chiusura che utilizzano refrigeranti che appartengono ai fluidi del gruppo 2 (non pericolosi) ai sensi della Direttiva 2014/68/UE.

Nelle operazioni di carico o scarico, prima di allentare lo stelo della valvola, svitare con attenzione e lentamente il tappo di protezione nero, al fine di liberare l'eventuale pressione presente. Dopo aver agito sullo stelo della valvola, in caso di presenza di piccole perdite, avvitare la ghiera premistoppa eliminando la perdita e avvitare quindi il tappo di protezione nero rispettando le coppie di serraggio scritte sul tappo stesso.

Rubinetti di chiusura che utilizzano refrigeranti che appartengono ai fluidi del gruppo 1 (pericolosi) ai sensi della Direttiva 2014/68/UE (limitatamente ai gruppi A2, A2L e A3 secondo la norma ISO 817)

Nelle operazioni di carico o scarico, prima di allentare lo stelo della valvola, svitare con attenzione e lentamente il tappo di protezione in alluminio.
Il tappo in alluminio è dotato di un foro che permette di scaricare lentamente l'eventuale pressione presente all'interno del tappo stesso allo scopo di permettere alla filettatura di resistere finché il tappo non sarà completamente svitato.
Dopo aver agito sullo stelo della valvola, in caso di presenza di piccole perdite, avvitare la ghiera premistoppa eliminando la perdita e avvitare quindi il tappo di protezione nero rispettando le coppie di serraggio scritte sul tappo stesso.
Il tappo in alluminio garantisce la tenuta alla pressione massima marcata sulla valvola stessa attraverso una guarnizione in rame ricotta interposta tra il tappo ed il corpo della valvola. Dopo ogni apertura del tappo la guarnizione deve essere sostituita. Prima del montaggio la guarnizione deve essere oliata ambo i lati utilizzando un olio compatibile con il refrigerante. Il tappo in alluminio della valvola è dotato di un foro che permette di apporre un sigillo in modo tale da prevenire un possibile utilizzo da parte di personale non autorizzato.
Nello schema seguente sono indicate le parti principali della del sistema di tenuta del tappo in alluminio.

ATTENTION: If the connections, including the side ones, are disconnected or not plugged, it is not allowed to open the equipment under pressure.
ATTENTION: As during operation the pressure equipment can reach the maximum and/or minimum temperature, as per above mentioned technical data, and the same can be dangerous for people, before taking action on the pressure equipment or adjacent areas take all the necessary precautions.
Danger of serious burns - wear protective gloves.

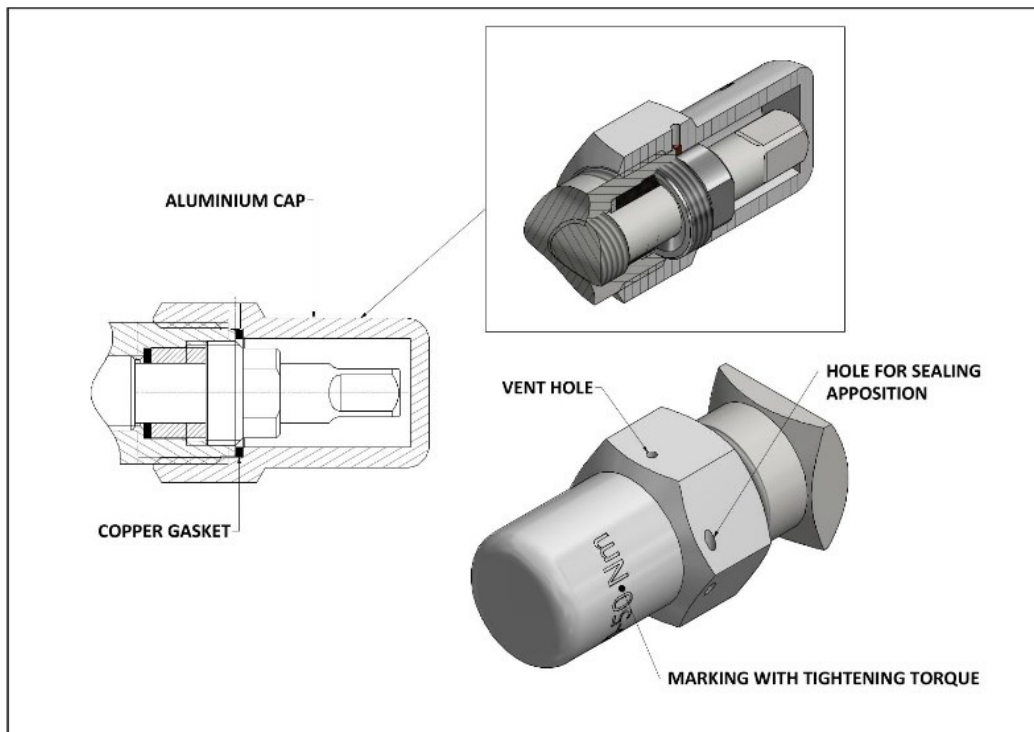
Shut-off valves which use refrigerants belonging to group 2 fluids (non-dangerous) pursuant to Directive 2014/68/EU and Pressure Equipment (Safety) Regulations 2016, Amendment 2019 Schedule 24 (P.E.s.R.)

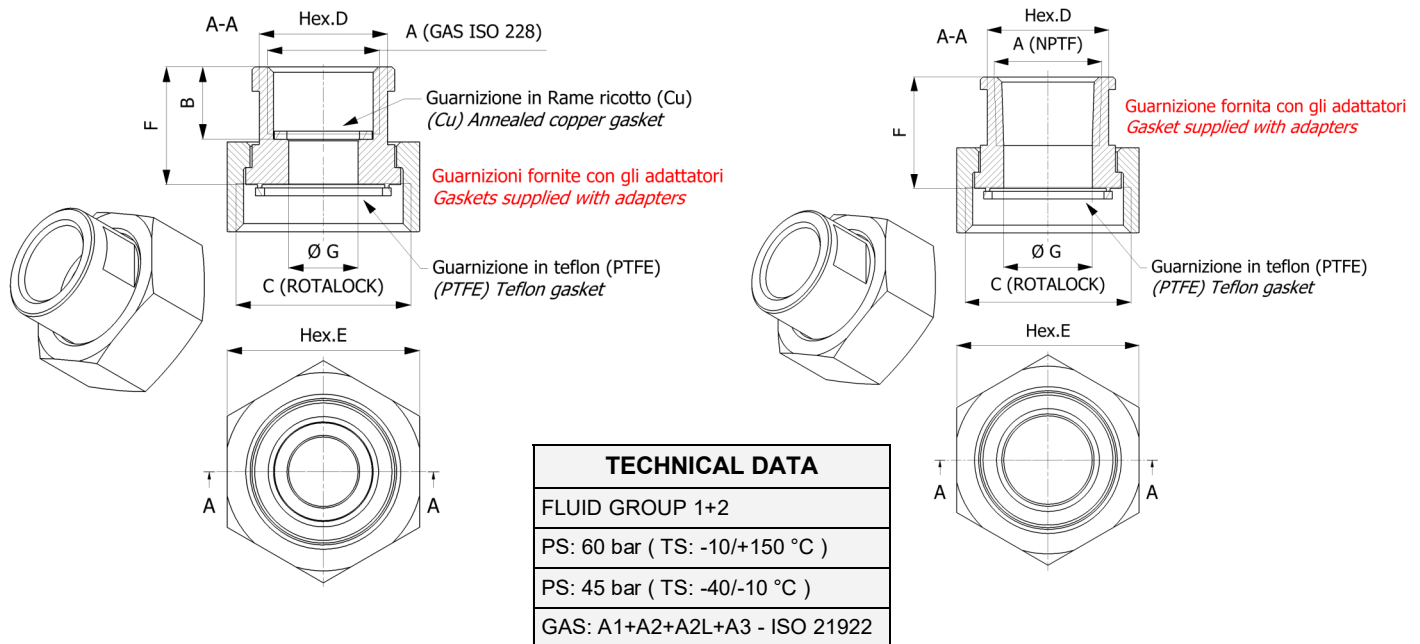
In the filling or discharging operations, before loosening the valve stem, carefully and slowly unscrew the black protective cap, in order to release any pressure present. After having acted on the valve stem, in case of small leaks, screw the stuffing box nut eliminating the leak and then screw the black protective cap respecting the tightening torques written on the cap itself.

Shut-off valves which use refrigerants belonging to group 1 fluids (dangerous) pursuant to Directive 2014/68/EU and Pressure Equipment (Safety) Regulations 2016, Amendment 2019 Schedule 24 (P.E.s.R.) (limited to groups A2, A2L and A3 according to ISO 817).

In the filling or discharging operations, before loosening the valve stem, carefully and slowly unscrew the aluminium protection cap.
The aluminium cap has a hole that allows to slowly release any pressure present inside the cap itself, in order to help the thread to resist until the cap is completely unscrewed.
After having acted on the valve stem, in case of small leaks, screw the stuffing box nut eliminating the leak and then screw the aluminium protective cap respecting the tightening torques written on the cap itself.

The aluminium cap guarantees tightness at the maximum pressure marked on the valve itself through an annealed copper gasket placed between the cap and the valve body.
After each opening of the cap, the gasket shall be replaced. Before assembly, the gasket shall be oiled on both sides using an oil compatible with the refrigerant. The aluminium cap of the valve has a further hole that allows to affix a seal, in order to prevent possible use by unauthorized personnel.
The following diagram shows the main parts of the aluminium cap sealing system.

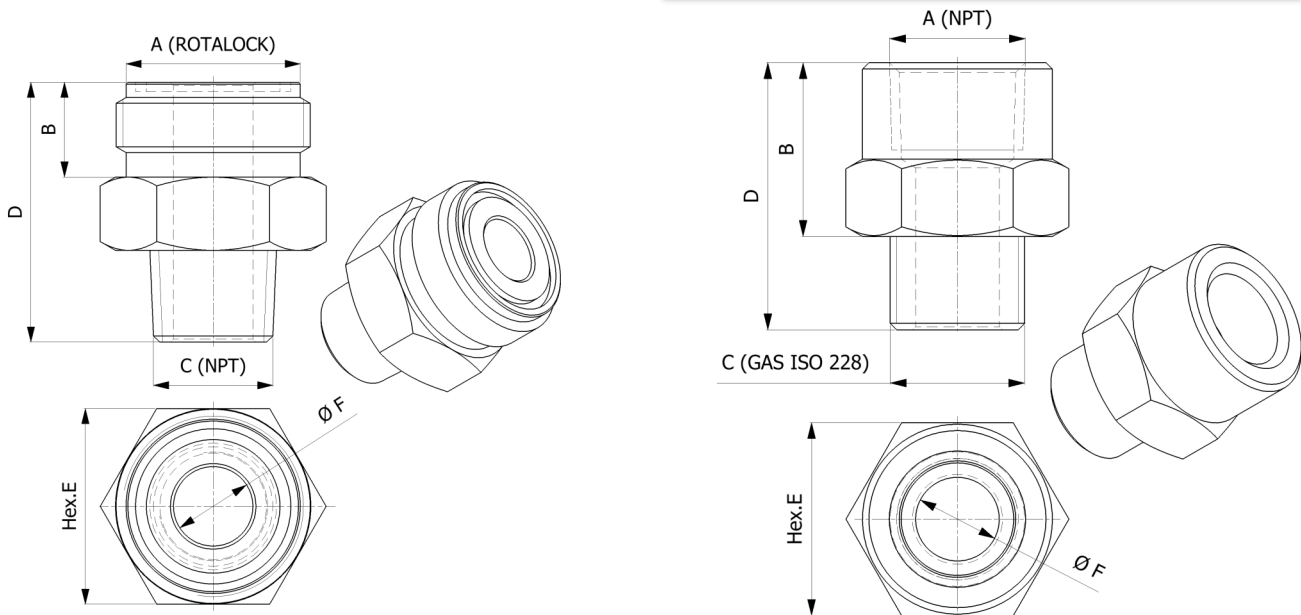




FLUID GR.2	FLUID GR.1	TIPO/TYPE	A	B	C	Hex.D	Hex.E	F	ØG
ART.4 PAR.3	ART.4 PAR.3	DR120/B2	1/4"	9.5	1"1/4	24	36	22	6
		DR120/B3	3/8"	10.5	1"1/4	24	36	22	8
		DR120/B4	1/2"	13.5	1"1/4	24	36	22	13
		DR130/B7	3/4"	14.5	1"3/4	36	50	22	14
		DR130/B6	1"	19	1"3/4	36	50	25	19

FLUID GR.2	FLUID GR.1	TIPO/TYPE	A	F	C	Hex.D	Hex.E	ØG
ART.4 PAR.3	ART.4 PAR.3	DR100/G1	1/8"	19	3/4"	13	22	8.3
		DR110/G2	1/4"	19	1"	17	30	11
		DR120/G3	3/8"	22	1"1/4	24	36	14
		DR120/G4	1/2"	22	1"1/4	24	36	17

Adattatori girevoli per valvole con scarico convogliato
Revolving adapters for valves with piped outlet

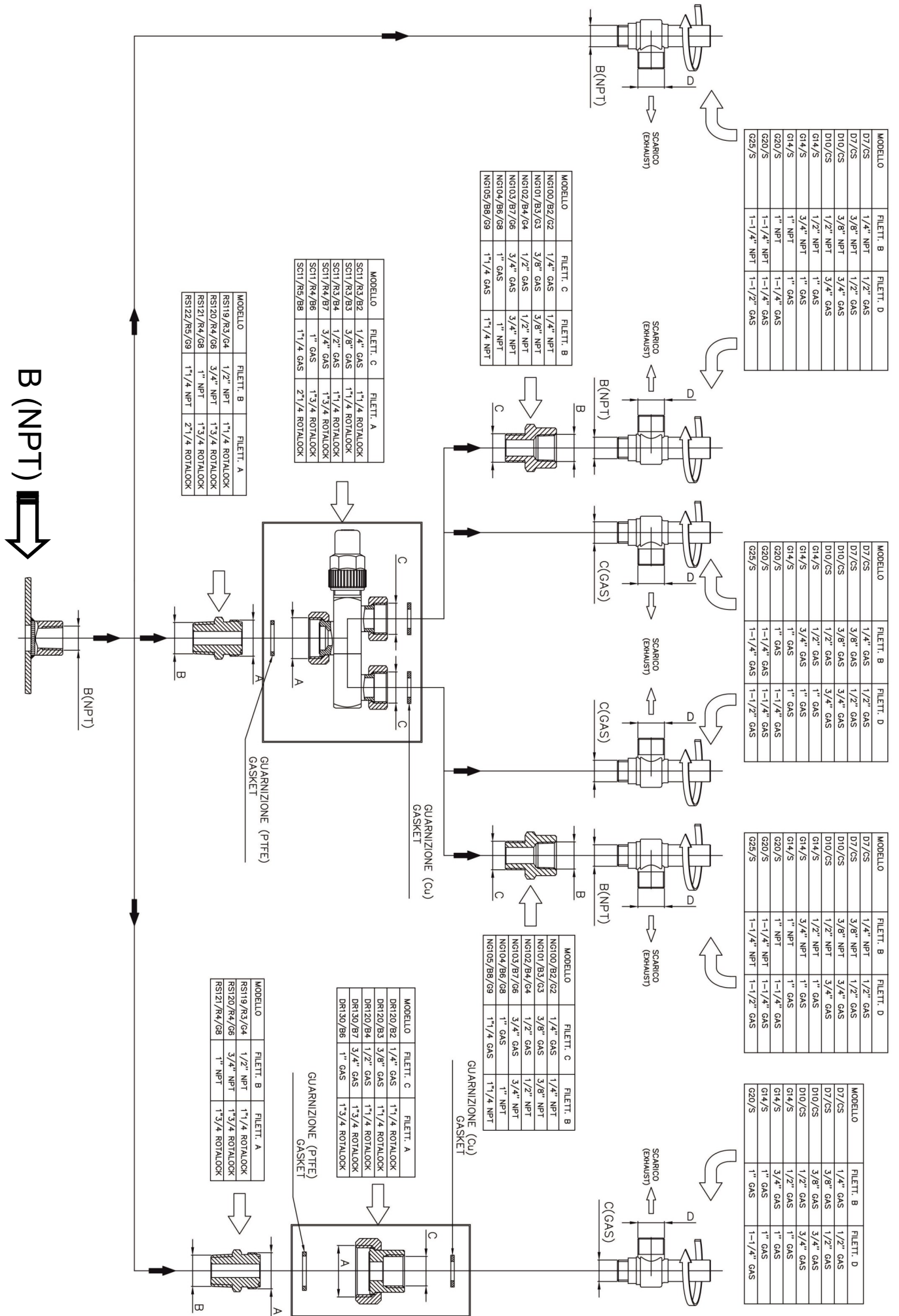


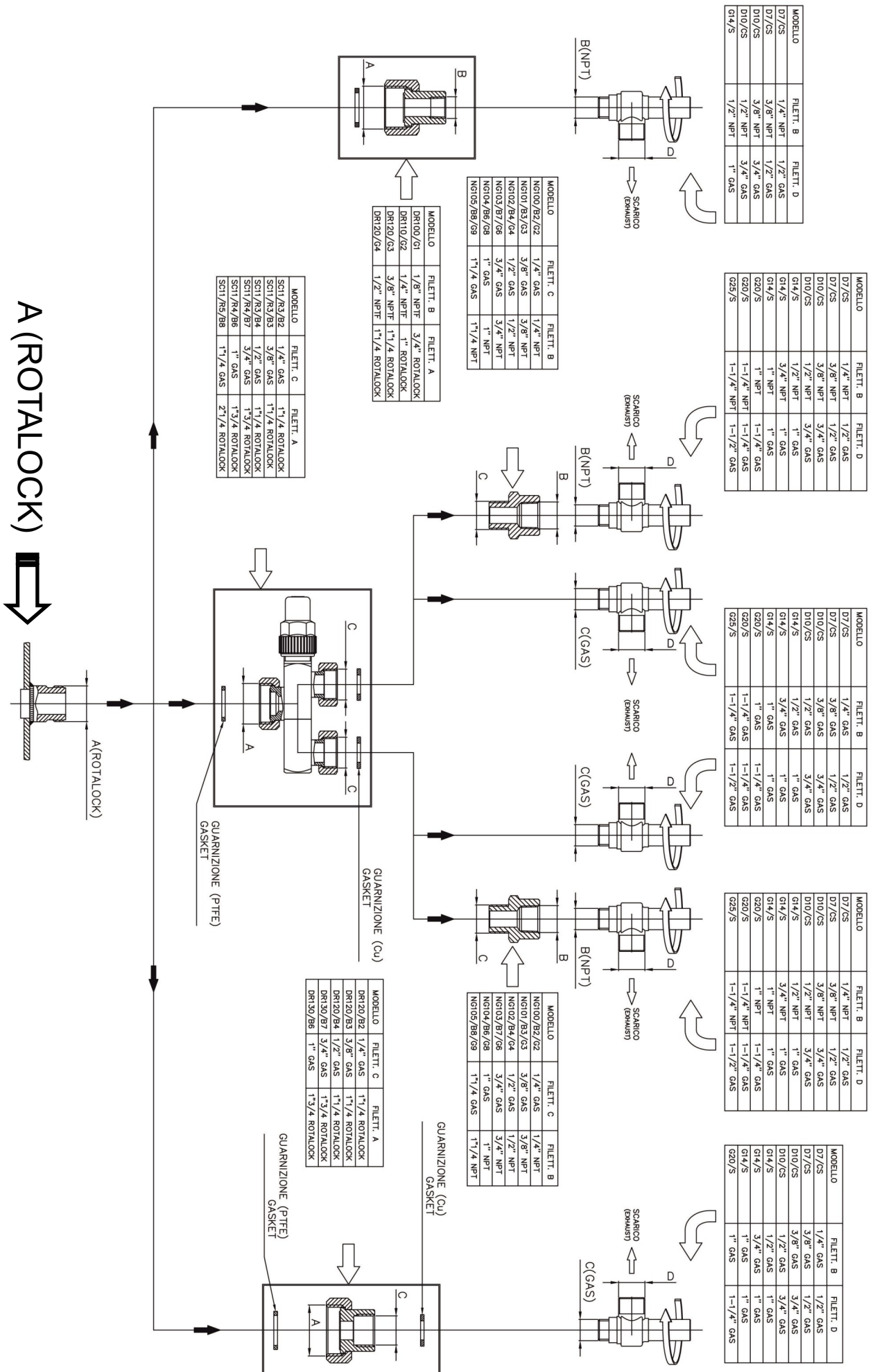
FLUID GR.2	FLUID GR.1	TIPO/TYPE	A	B	C	D	Hex.E	F
ART.4 PAR.3	ART.4 PAR.3	RS119/R3/G4	1"1/4	15.5	1/2"	42.5	32	13
		RS120/R4/G6	1"3/4	16.5	3/4"	43.5	45	18
		RS121/R4/G8	1"3/4	16.5	1"	46.5	45	19
CAT.1	CAT.2	RS122/R5/G9	2"1/4	16.5	1"1/4	51.5	60	30

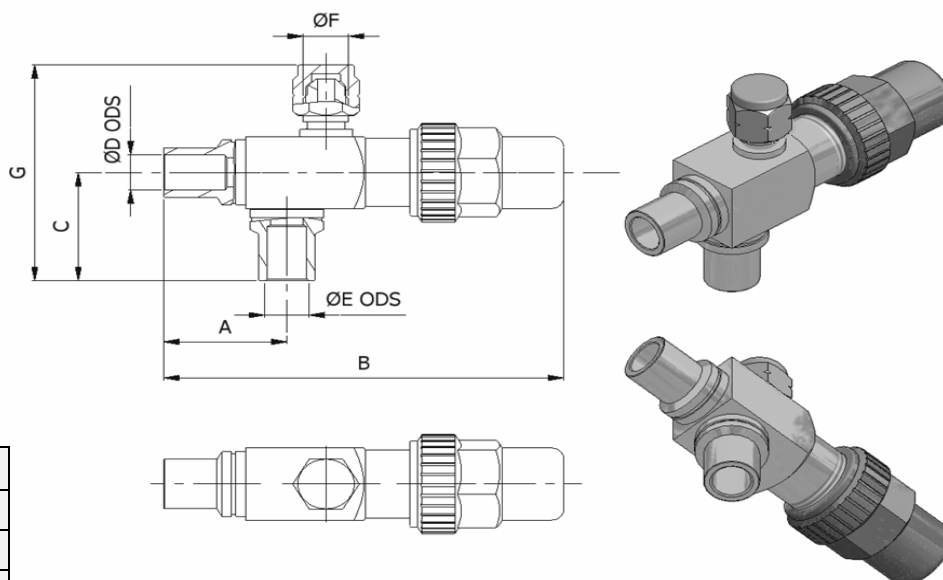
FLUID GR.2	FLUID GR.1	TIPO/TYPE	A	B	C	D	Hex.E	F
ART.4 PAR.3	ART.4 PAR.3	NG100/B2/G2	1/4"	25	1/4"	35	22	6
		NG101/B3/G3	3/8"	25	3/8"	36	24	7
		NG102/B4/G4	1/2"	25	1/2"	41.5	30	13
		NG103/B7/G6	3/4"	25	3/4"	36	36	13
		NG104/B6/G8	1"	30	1"	48	41	19
CAT.1	CAT.2	NG105/B8/G9	1"1/4	30	1"1/4	51	55	30

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



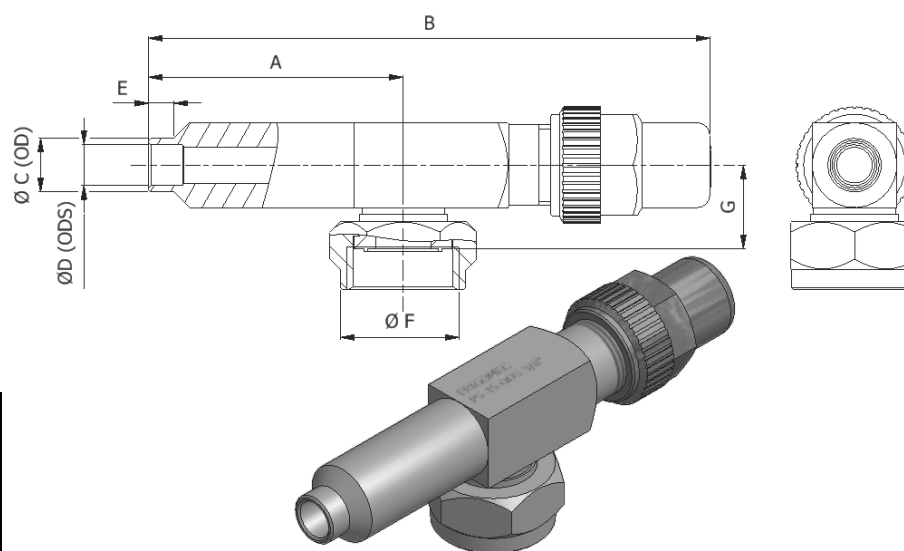




TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	ØD ODS (mm)	ØD ODS (inches)	ØE ODS (mm)	ØE ODS (inches)	ØF FLARE-SAE	A	B	C	G	□
ART.4 PAR.3	S040/FA5/FA5/H	/	3/8"	/	3/8"	1/4"	30	97	28	57	20
	S040/FA6/FA6/H	10	/	10	/	1/4"	30	97	28	57	20
	S041/FA7/FA7/H	12	/	12	/	1/4"	31	98	28	57	20
	S042/FB2/FB2/H	16	5/8"	16	5/8"	1/4"	37	110	33	64	22
	S043/FB6/FB6/H	22	/	22	/	1/4"	44	137	36	70	28
	S043/FB7/FB7/H	/	7/8"	/	7/8"	1/4"	44	137	36	70	28
CAT.1	S043/FC1/FC1/H	28	/	28	/	1/4"	59	181	49	86	35
	S043/FC8/FC8/H	35	1"3/8	35	1"3/8	1/4"	59	181	52	89	35
	S044/FD2/FD2/H	42	/	42	/	1/4"	66	189	59	99	40



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

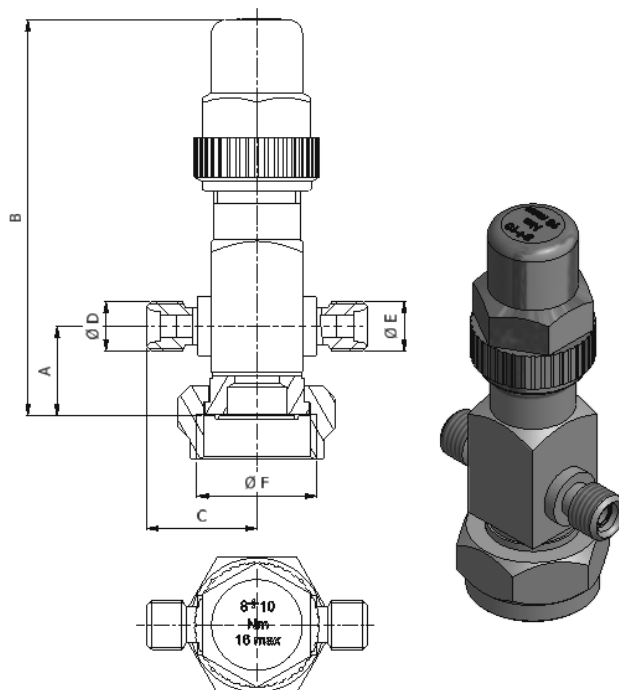
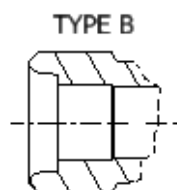
SENZA PRESE
WITHOUT GAUGE

FLUID GR.2	TIPO/TYPE	ØD ODS (mm)	ØD ODS (inches)	ATTACCO Ø F CONNECTION Ø F	A	B	Ø C	E	G	□
ART.4 PAR.3	RX51/FA5	/	3/8"	ROTALOCK 1"	60	132	12.6	6	20	20

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

Norm: IMACA STANDARD 305

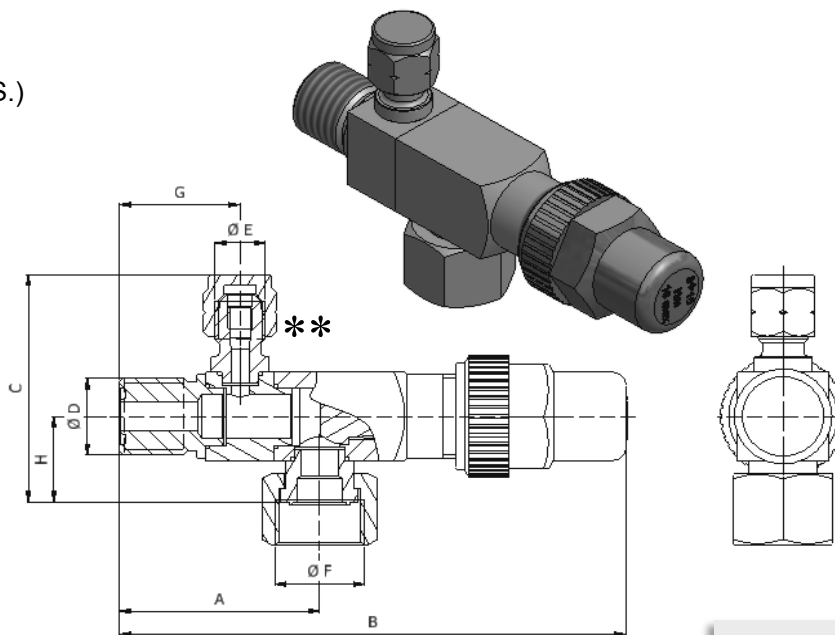
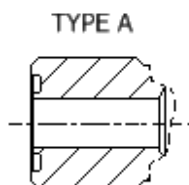


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA DOPPIA
 DOUBLE GAUGE

FLUID GR.2	TIPO/TYPE	O.R.F.S. Ø D	O.R.F.S. Ø E	ØF ROTALOCK	A	B	C	□
ART.4 PAR.3	R100/F5/F5/VH	7/16" 20 UNF	7/16" 20 UNF	1"	20	87	24	20

Norm: SAE J1453 (O.R.F.S.)



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
 VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	O.R.F.S. Ø D	Ø E FLARE-SAE	ØF ROTALOCK	A	B	G	H	C	□
ART.4 PAR.3	R009/F1/H+M	11/16" 16 UNF	1/4"	3/4"	44	111	26.5	19	51	20

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

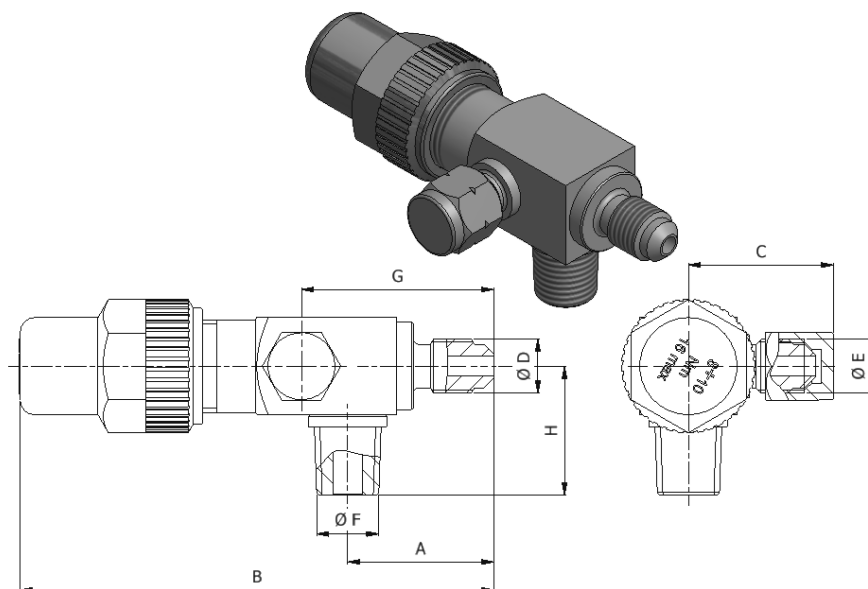
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

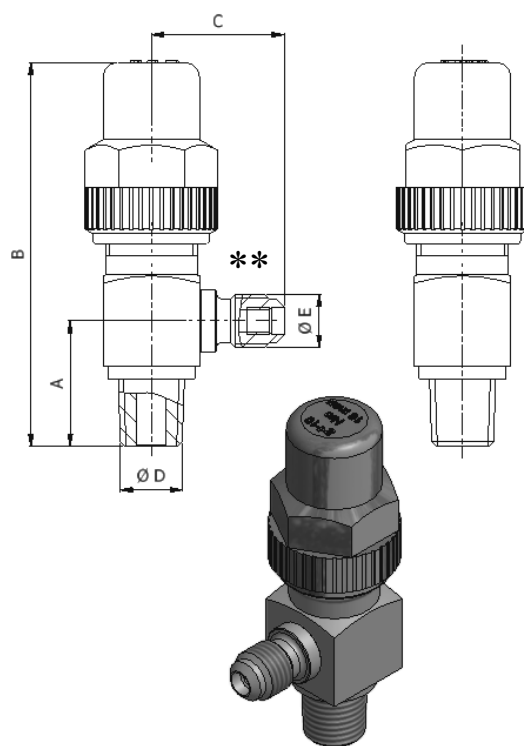
Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA DESTRA
RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	Ø D FLARE-SAE	Ø E FLARE-SAE	Ø F NPT	A	B	C	□
ART.4 PAR.3	N001/T1/G2/D	7/16" 20 UNF	7/16" 20 UNF	1/4"	30	97	30	20



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICAL GAUGE

FLUID GR.2	TIPO/TYPE	Ø D NPT	Ø E FLARE-SAE	A	B	C	□
ART.4 PAR.3	F005/G2/V	1/4"	7/16" 20 UNF	26	80	27	20

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

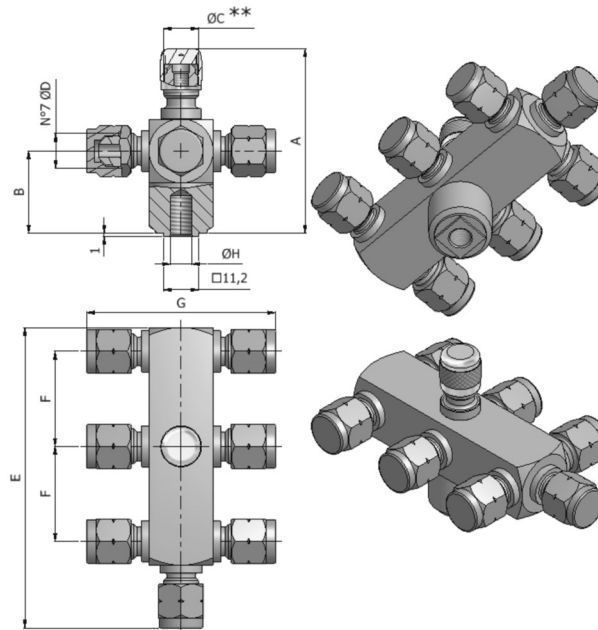
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

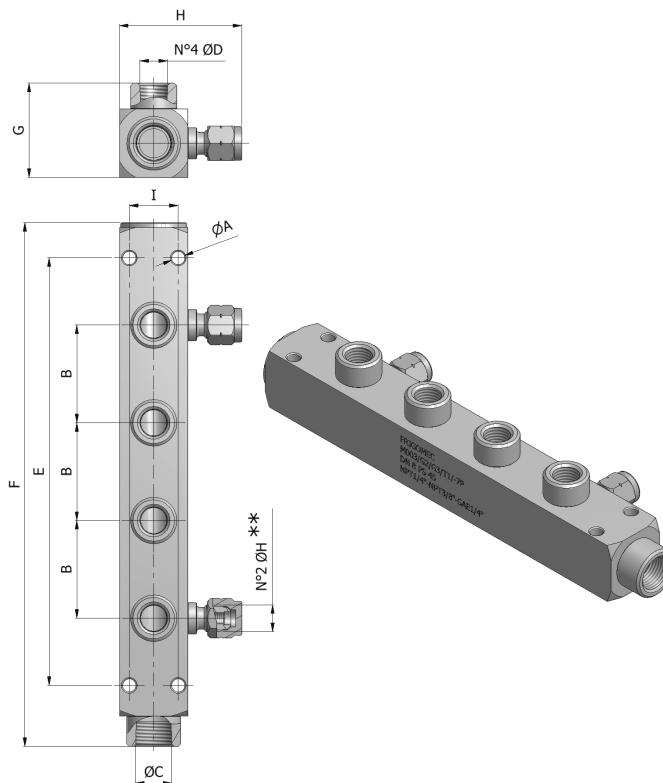
E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

FLUID GR.2	TIPO/TYPE	ØC FLARE-SAE SCHRADER	ØD FLARE-SAE	ATTACCO ØH CONNECTION ØH	A	B	E	F	G	□
ART.4 PAR.3	M001/T1-8P	1/4"	1/4"	M8	58	26	95	30	60	20



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

FLUID GR.2	TIPO/TYPE	ATTACCO ØC CONNECTION ØC	ATTACCO ØD CONNECTION ØD	ØH FLARE-SAE SCHRADER	ØA	B	E	F	G	I	□
ART.4 PAR.3	M002/G2/G3/T1/-7P	NPT 3/8"	NPT 1/4"	1/4"	5.5	25	100	138	39	20	28
	M003/G2/G3/T1/-7P	NPT 3/8"	NPT 1/4"	1/4"	5.5	40	175	215	39	20	28

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exlcude when back seated

**Tappi di protezione in ottone cromato / Chromium-plated brass protection cap.

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

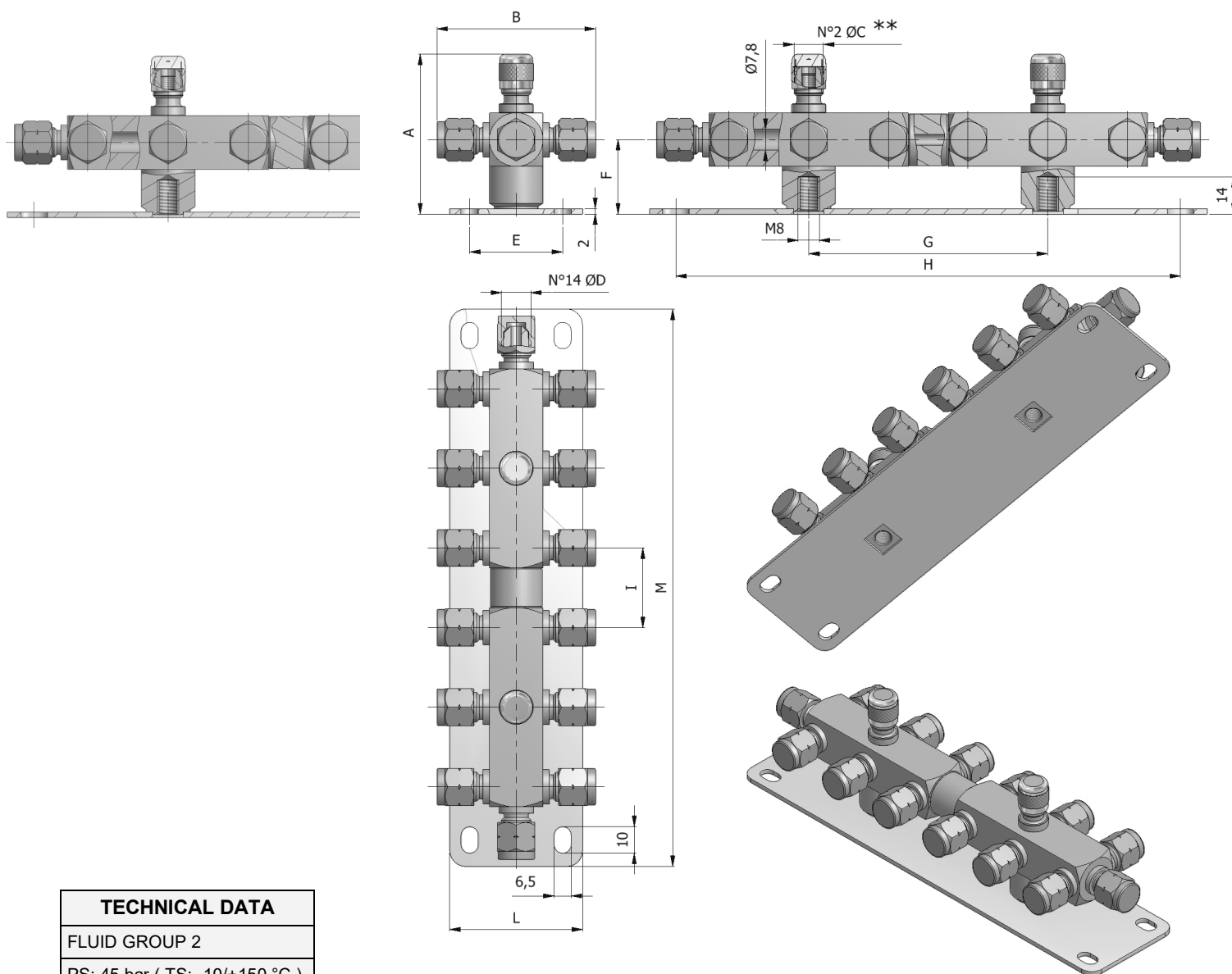
Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

Versione bi-zona 8+8 prese M001/T1/-8+8P
Twin zone version 8+8 connections M001/T1-8+8P

Versione comunicante a 16 prese M001/T1-16P
Interconnecting version to 16 connections M001/T1-16P



TECHNICAL DATA	
FLUID GROUP 2	
PS: 45 bar (TS: -10/+150 °C)	
PS: 33 bar (TS: -10/-40 °C)	
PS: 11 bar (TS: -40/-60 °C)	
GAS: A1 - ISO 21922	

FLUID GR.2	TIPO/TYPE	ØC FLARE-SAE SCHRADER	ØD FLARE-SAE	H	A	B	E	F	G	I	L	M	□
ART.4 PAR.3	M001/T1-16P	1/4"	1/4"	190	60	60	35	28	90	30	50	210	20
	M001/T1-8+8P	1/4"	1/4"	190	60	60	35	28	90	30	50	210	20

****Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura**

****Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated**

****Tappi di protezione in ottone cromato / Chromium-plated brass protection cap.**

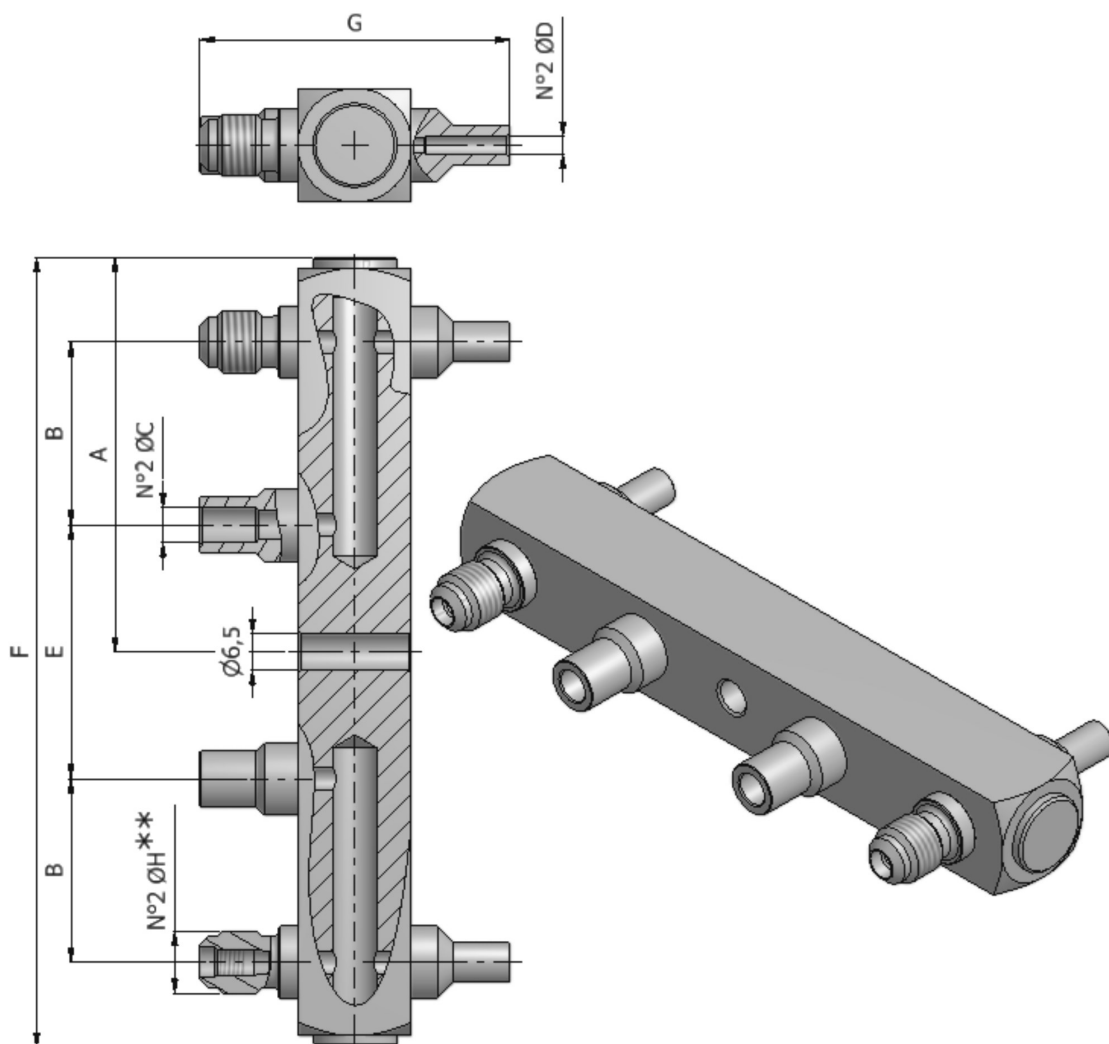
Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Tappi di tenuta in ottone / Sealing brass plugs

E' possibile fare richieste speciali / special request are possible

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

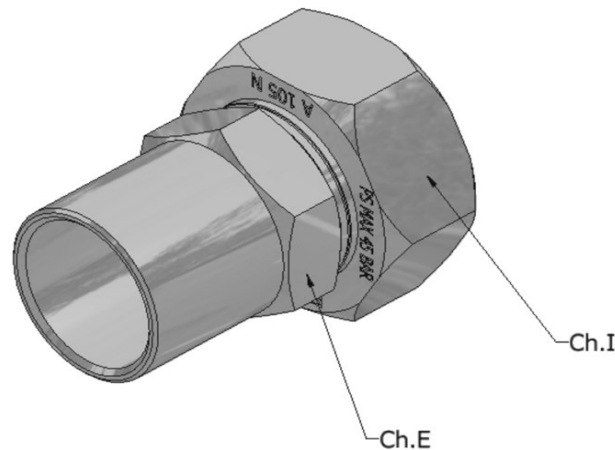
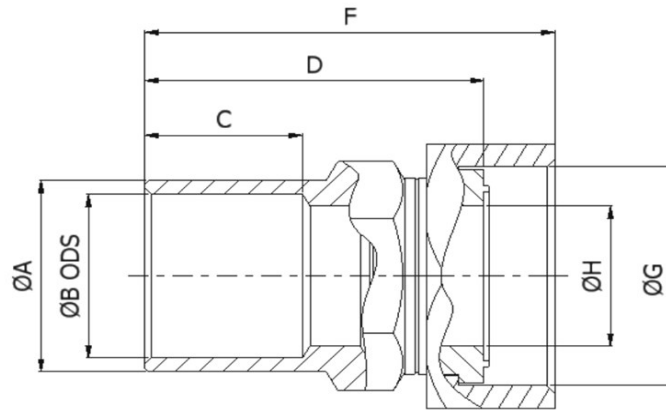


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

FLUID GR.2	TIPO/TYPE	ATTACCO ØC CONNECTION ØC	ATTACCO ØD SECTION ØD	CON-	ATTACCO ØH CONNECTION ØH	A	B	E	F	G	□
ART.4 PAR.3	M003/T1/FA2-6P	ODS 6	ODS 3 (Øi 3.3) PER CAPILLARE IN RAME FOR COPPER CAPILLARY TUBE		7/16"-20 UNF	70	32.5	45	140	55	20

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

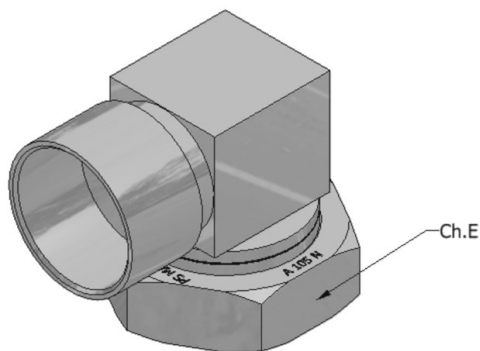
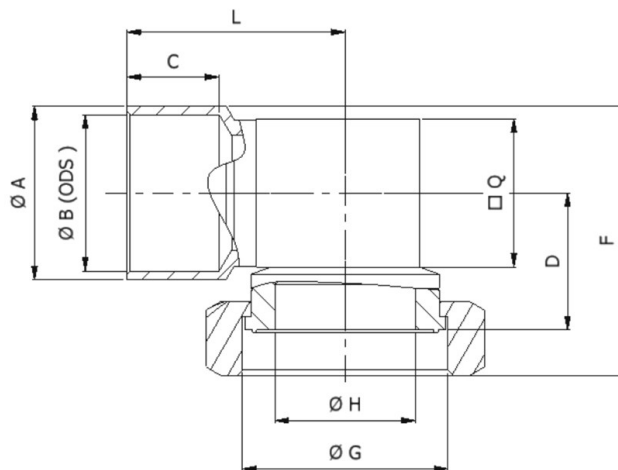


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CONNECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Ch.I
ART.4 PAR.3	DR000/FA4	ROVALOCK 3/4"	8	5/16"	12	10	32,5	19	42	8	22
	DR000/FA5	ROVALOCK 3/4"	/	3/8"	13,5	10	32,5	19	42	8	22
	DR000/FA6	ROVALOCK 3/4"	10	/	14	10	32,5	19	42	8	22
	DR000/FA7	ROVALOCK 3/4"	12	/	16	10	32,5	19	42	8	22
	DR000/FA8	ROVALOCK 3/4"	/	1/2"	17	10	32,5	19	42	8	22
	DR010/FA4	ROVALOCK 1"	8	5/16"	12	10	33	22	42,5	13,5	30
	DR010/FA5	ROVALOCK 1"	/	3/8"	13,5	10	33	22	42,5	13,5	30
	DR010/FA6	ROVALOCK 1"	10	/	14	10	33	22	42,5	13,5	30
	DR010/FA7	ROVALOCK 1"	12	/	16	10	33	22	42,5	13,5	30
	DR010/FA8	ROVALOCK 1"	/	1/2"	17	10	33	22	42,5	13,5	30
	DR010/FB2	ROVALOCK 1"	16	5/8"	20	15	38	22	47,5	13,5	30
	DR010/FB3	ROVALOCK 1"	18	/	22	15	38	22	47,5	13,5	30
	DR010/FB4	ROVALOCK 1"	/	3/4"	22	15	38	22	47,5	13,5	30
	DR020/FB2	ROVALOCK 1 1/4"	16	5/8"	20	15	38	27	47	19	36
	DR020/FB3	ROVALOCK 1 1/4"	18	/	22	15	38	27	47	19	36
	DR020/FB4	ROVALOCK 1 1/4"	/	3/4"	23	15	38	27	47	19	36
	DR020/FB6	ROVALOCK 1 1/4"	22	/	26	20	43	27	52	19	36
	DR020/FB7	ROVALOCK 1 1/4"	/	7/8"	26	20	43	27	52	19	36
	DR020/FC1	ROVALOCK 1 1/4"	28	/	32	20	43	32	52	19	36
	DR020/FC2	ROVALOCK 1 1/4"	/	1 1/8"	32	20	43	32	52	19	36
DR030/FB6	ROVALOCK 1 3/4"	22	/	26	20	57	38	67,5	27,5	50	
DR030/FB7	ROVALOCK 1 3/4"	/	7/8"	26	20	57	38	67,5	27,5	50	
DR030/FC1	ROVALOCK 1 3/4"	28	/	32	25	57	38	67,5	27,5	50	
DR030/FC2	ROVALOCK 1 3/4"	/	1 1/8"	32	25	57	38	67,5	27,5	50	
DR030/FC8	ROVALOCK 1 3/4"	35	1 3/8"	39	25	57	42	67,5	31	50	
DR030/FD1	ROVALOCK 1 3/4"	/	1 5/8"	47	30	62	50	72,5	31	50	
DR030/FD2	ROVALOCK 1 3/4"	42	/	47	30	62	50	72,5	31	50	
CAT.1	DR040/FC8	ROVALOCK 2 1/4"	35	1 3/8"	41	25	64	50	76	40	65
	DR040/FD1	ROVALOCK 2 1/4"	/	1 5/8"	47	25	64	50	76	40	65
	DR040/FD2	ROVALOCK 2 1/4"	42	/	47	25	64	50	76	40	65
	DR040/FD7	ROVALOCK 2 1/4"	54	2 1/8"	59	25	74	50	86	40	65

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

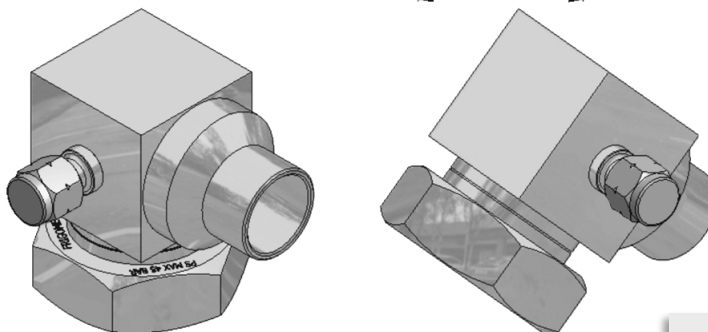
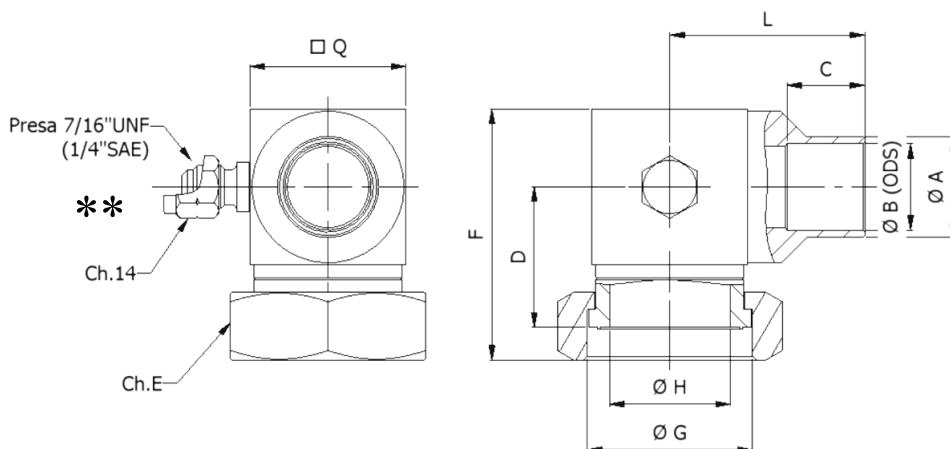


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CON- NECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART. 4 PAR. 3	AR000/FA4	ROTALOCK 3/4"	8	5/16"	12	10	19.5	22	39	8	20	22
	AR000/FA5	ROTALOCK 3/4"	/	3/8"	13	10	19.5	22	39	8	20	22
	AR000/FA6	ROTALOCK 3/4"	10	/	13	10	19.5	22	39	8	20	22
	AR000/FA7	ROTALOCK 3/4"	12	/	16	10	19.5	22	39	8	20	22
	AR000/FA8	ROTALOCK 3/4"	/	1/2"	17	10	19.5	22	39	8	20	22
	AR010/FA4	ROTALOCK 1"	8	5/16"	12	10	20	30	39.5	12	20	24
	AR010/FA5	ROTALOCK 1"	/	3/8"	13	10	20	30	39.5	12	20	24
	AR010/FA6	ROTALOCK 1"	10	/	13	10	20	30	39.5	12	20	24
	AR010/FA7	ROTALOCK 1"	12	/	16	10	20	30	39.5	12	20	24
	AR010/FA8	ROTALOCK 1"	/	1/2"	17	10	20	30	39.5	12	20	24
	AR010/FB2	ROTALOCK 1"	16	5/8"	20	15	21	30	41.5	13.5	22	29
	AR010/FB3	ROTALOCK 1"	18	/	21.6	15	21	30	42	13.5	22	29
	AR010/FB4	ROTALOCK 1"	/	3/4"	23	15	21	30	42	13.5	22	35.5
	AR020/FB2	ROTALOCK 1"1/4	16	5/8"	20	15	24	36	44	14	22	29
	AR020/FB3	ROTALOCK 1"1/4	18	/	21.6	15	24	36	44	14	22	29
	AR020/FB4	ROTALOCK 1"1/4	/	3/4"	23	20	24	36	47	19	28	38
	AR020/FB6	ROTALOCK 1"1/4	22	/	26	20	24	36	47	19	28	38
	AR020/FB7	ROTALOCK 1"1/4	/	7/8"	26	20	24	36	47	19	28	38
	AR020/FC1	ROTALOCK 1"1/4	28	/	32	20	24	36	49	19	28	48
	AR020/FC2	ROTALOCK 1"1/4	/	1"1/8	33	20	24	36	49	19	28	48
AR030/FB6	ROTALOCK 1"3/4	22	/	26	20	27	50	51.5	19	28	38	
AR030/FB7	ROTALOCK 1"3/4	/	7/8"	26	20	27	50	51.5	19	28	38	
AR030/FC1	ROTALOCK 1"3/4	28	/	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC2	ROTALOCK 1"3/4	/	1"1/8	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC8	ROTALOCK 1"3/4	35	/	39	25	32	50	62.5	31	40	59	
AR030/FD1	ROTALOCK 1"3/4	/	1"5/8	47	25	32	50	66	31	40	59	
AR030/FD2	ROTALOCK 1"3/4	42	/	47	25	32	50	66	31	40	59	
AR040/FC1	ROTALOCK 2"1/4	28	/	32	25	37	65	69	31	40	59	
AR040/FC8	ROTALOCK 2"1/4	35	/	39	25	37	65	69	31	40	59	
AR040/FU2	ROTALOCK 2"1/4	42	/	47	25	37	65	73	31	40	59	
AR040/FD1	ROTALOCK 2"1/4	/	1"5/8	46	25	39	65	76	40	50	64	
AR040/FD2	ROTALOCK 2"1/4	42	/	46	25	39	65	76	40	50	64	
AR040/FD7	ROTALOCK 2"1/4	54	/	59	25	39	65	76	40	50	70	

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

**PRESA DESTRA
 RIGHT GAUGE**

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CON- NECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART. 4 PAR. 3	AR000/FA4/D	ROTALOCK 3/4"	8	5/16"	12	10	19.5	22	39	8	20	22
	AR000/FA5/D	ROTALOCK 3/4"	/	3/8"	13	10	19.5	22	39	8	20	22
	AR000/FA6/D	ROTALOCK 3/4"	10	/	13	10	19.5	22	39	8	20	22
	AR000/FA7/D	ROTALOCK 3/4"	12	/	16	10	19.5	22	39	8	20	22
	AR000/FA8/D	ROTALOCK 3/4"	/	1/2"	17	10	19.5	22	39	8	20	22
	AR010/FA4/D	ROTALOCK 1"	8	5/16"	12	10	20	30	39.5	12	20	24
	AR010/FA5/D	ROTALOCK 1"	/	3/8"	13	10	20	30	39.5	12	20	24
	AR010/FA6/D	ROTALOCK 1"	10	/	13	10	20	30	39.5	12	20	24
	AR010/FA7/D	ROTALOCK 1"	12	/	16	10	20	30	39.5	12	20	24
	AR010/FA8/D	ROTALOCK 1"	/	1/2"	17	10	20	30	39.5	12	20	24
	AR010/FB2/D	ROTALOCK 1"	16	5/8"	20	15	21	30	41.5	13.5	22	29
	AR010/FB3/D	ROTALOCK 1"	18	/	21.6	15	21	30	42	13.5	22	29
	AR010/FB4/D	ROTALOCK 1"	/	3/4"	23	15	21	30	42	13.5	22	35.5
	AR020/FB2/D	ROTALOCK 1 1/4"	16	5/8"	20	15	24	36	44	14	22	29
	AR020/FB3/D	ROTALOCK 1 1/4"	18	/	21.6	15	24	36	44	14	22	29
	AR020/FB4/D	ROTALOCK 1 1/4"	/	3/4"	23	20	24	36	47	19	28	38
	AR020/FB6/D	ROTALOCK 1 1/4"	22	/	26	20	24	36	47	19	28	38
	AR020/FB7/D	ROTALOCK 1 1/4"	/	7/8"	26	20	24	36	47	19	28	38
	AR020/FC1/D	ROTALOCK 1 1/4"	28	/	32	20	24	36	49	19	28	48
	AR020/FC2/D	ROTALOCK 1 1/4"	/	1 1/8"	33	20	24	36	49	19	28	48
AR030/FB6/D	ROTALOCK 1 3/4"	22	/	26	20	27	50	51.5	19	28	38	
AR030/FB7/D	ROTALOCK 1 3/4"	/	7/8"	26	20	27	50	51.5	19	28	38	
AR030/FC1/D	ROTALOCK 1 3/4"	28	/	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC2/D	ROTALOCK 1 3/4"	/	1 1/8"	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FS6/D	ROTALOCK 1 3/4"	22	/	26	20	32	50	62.5	31	40	50	
CAT. 1	AR030/FC8/D	ROTALOCK 1 3/4"	35	1 3/8"	39	25	32	50	62.5	31	40	59
	AR030/FD1/D	ROTALOCK 1 3/4"	/	1 5/8"	47	25	32	50	66	31	40	59
	AR030/FD2/D	ROTALOCK 1 3/4"	42	/	47	25	32	50	66	31	40	59
	AR040/FC8/D	ROTALOCK 2 1/4"	35	1 3/8"	39	25	37	65	69	31	40	59
	AR040/FD1/D	ROTALOCK 2 1/4"	/	1 5/8"	46	25	39	65	76	40	50	64
	AR040/FD2/D	ROTALOCK 2 1/4"	42	/	46	25	39	65	76	40	50	64
	AR040/FD7/D	ROTALOCK 2 1/4"	54	2 1/8"	59	25	39	65	76	40	50	70

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

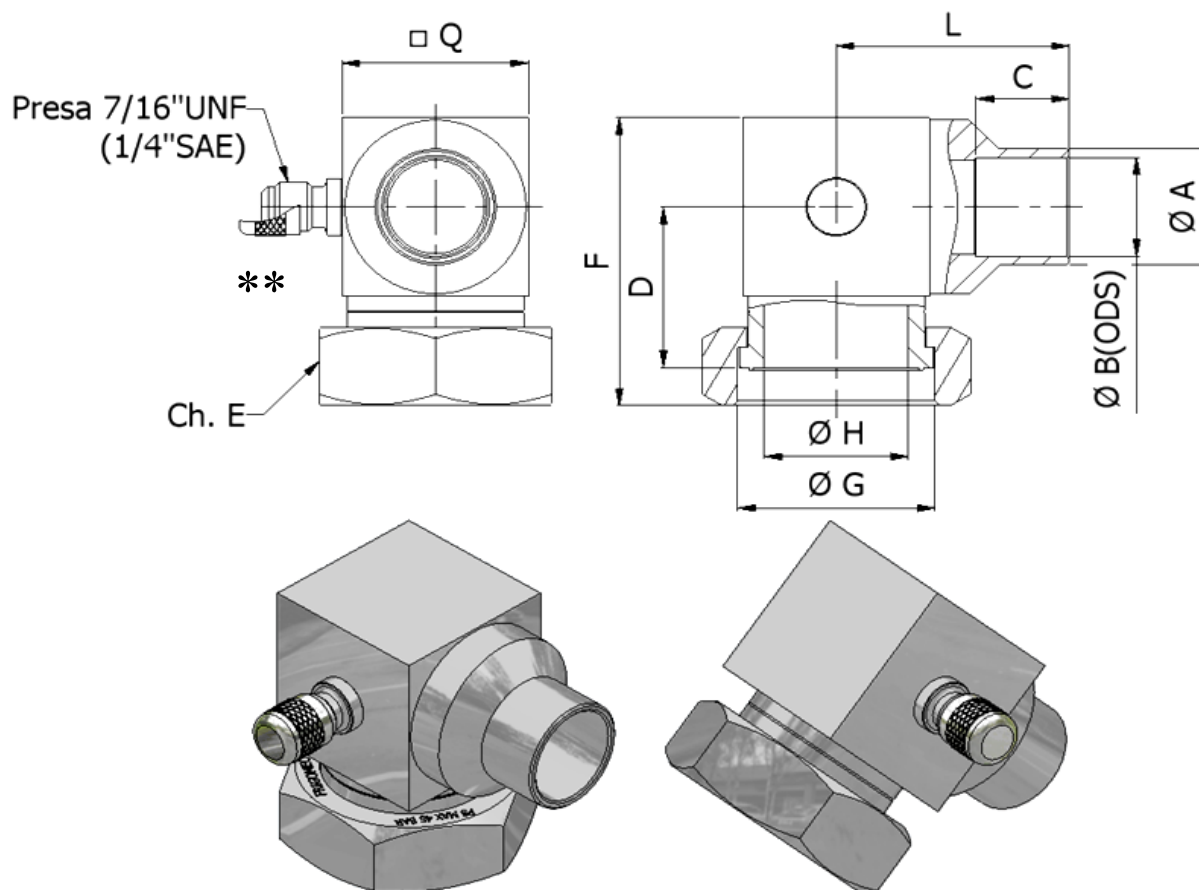
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA DESTRA
RIGHT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CONNECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART.4 PAR.3	AR020/FC1/D/SR	ROVALOCK 1"1/4	28	/	32	20	24	36	49	19	28	48
	AR030/FC1/D/SR	ROVALOCK 1"3/4	28	/	33	25	31.5	50	59.5	27.5	35	47.5
	AR030/FS6/D/SR	ROVALOCK 1"3/4	22	/	26	20	27	50	62.5	31	40	50
CAT.1	AR030/FC8/D/SR	ROVALOCK 1"3/4	35	1"3/8	39	25	32	50	62.5	31	40	59

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exlcude when back seated

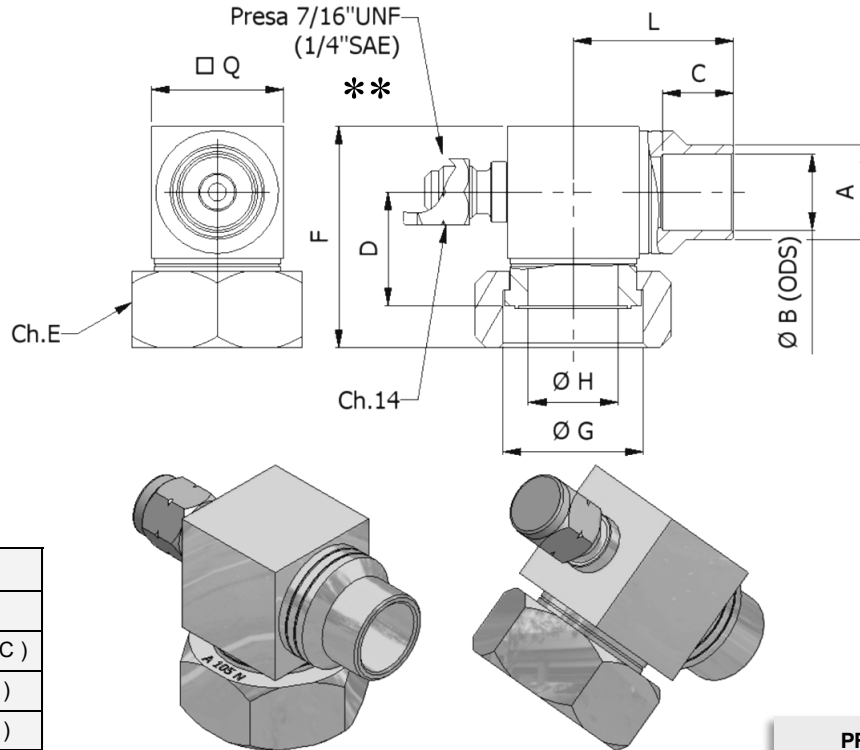
**Tappi di protezione in ottone cromato -SR- / Chromium-plated brass protection cap.-SR-

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



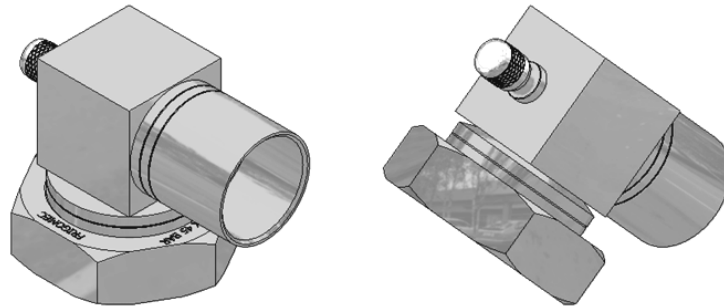
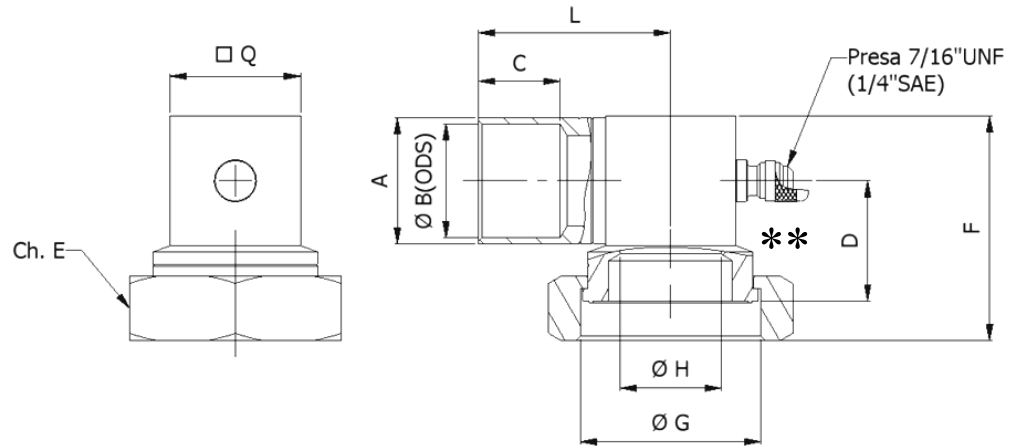
TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

**PRESA CENTRALE
CENTRAL GAUGE**

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CON- NECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART.4 PAR.3	AR000/FA4/C	ROTALOCK 3/4"	8	5/16"	12	10	19.5	22	39	8	20	22
	AR000/FA5/C	ROTALOCK 3/4"	/	3/8"	13	10	19.5	22	39	8	20	22
	AR000/FA6/C	ROTALOCK 3/4"	10	/	13	10	19.5	22	39	8	20	22
	AR000/FA7/C	ROTALOCK 3/4"	12	/	16	10	19.5	22	39	8	20	22
	AR000/FA8/C	ROTALOCK 3/4"	/	1/2"	17	10	19.5	22	39	8	20	22
	AR010/FA4/C	ROTALOCK 1"	8	5/16"	12	10	20	30	39.5	12	20	24
	AR010/FA5/C	ROTALOCK 1"	/	3/8"	13	10	20	30	39.5	12	20	24
	AR010/FA6/C	ROTALOCK 1"	10	/	13	10	20	30	39.5	12	20	24
	AR010/FA7/C	ROTALOCK 1"	12	/	16	10	20	30	39.5	12	20	24
	AR010/FA8/C	ROTALOCK 1"	/	1/2"	17	10	20	30	39.5	12	20	24
	AR010/FB2/C	ROTALOCK 1"	16	5/8"	20	15	21	30	41.5	13.5	22	29
	AR010/FB3/C	ROTALOCK 1"	18	/	21.6	15	21	30	41.5	13.5	22	29
	AR010/FB4/C	ROTALOCK 1"	/	3/4"	23	15	21	30	42	13.5	22	29
	AR010/FB6/C	ROTALOCK 1"	22	/	26	20	24	30	48	13.5	28	35.5
	AR020/FB2/C	ROTALOCK 1 1/4"	16	5/8"	20	15	24	36	44	14	22	29
	AR020/FB3/C	ROTALOCK 1 1/4"	18	/	21.6	15	24	36	44	14	22	29
	AR020/FS2/C	ROTALOCK 1 1/4"	16	5/8"	20	15	24	36	47	19	28	34
	AR020/FB4/C	ROTALOCK 1 1/4"	/	3/4"	23	20	24	36	47	19	28	38
	AR020/FB6/C	ROTALOCK 1 1/4"	22	/	26	20	24	36	47	19	28	38
	AR020/FB7/C	ROTALOCK 1 1/4"	/	7/8"	26	20	24	36	47	19	28	38
AR020/FC1/C	ROTALOCK 1 1/4"	28	/	32	20	24	36	49	19	28	48	
AR020/FC2/C	ROTALOCK 1 1/4"	/	1 1/8"	33	20	24	36	49	19	28	48	
AR030/FB6/C	ROTALOCK 1 3/4"	22	/	26	20	27	50	51.5	19	28	38	
AR030/FB7/C	ROTALOCK 1 3/4"	/	7/8"	26	20	27	50	51.5	19	28	38	
AR030/FC1/C	ROTALOCK 1 3/4"	28	/	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC2/C	ROTALOCK 1 3/4"	/	1 1/8"	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC8/C	ROTALOCK 1 3/4"	35	/	39	25	32	50	62.5	31	40	59	
AR030/FD1/C	ROTALOCK 1 3/4"	/	1 5/8"	47	25	32	50	66	31	40	59	
AR030/FD2/C	ROTALOCK 1 3/4"	42	/	47	25	32	50	66	31	40	59	
AR040/FC8/C	ROTALOCK 2 1/4"	35	/	39	25	37	65	69	31	40	59	
AR040/FD1/C	ROTALOCK 2 1/4"	/	1 5/8"	46	25	39	65	76	40	50	64	
AR040/FD2/C	ROTALOCK 2 1/4"	42	/	46	25	39	65	76	40	50	64	
AR040/FD7/C	ROTALOCK 2 1/4"	54	/	59	25	39	65	76	40	50	70	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura
 **Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated
 Tappi di tenuta in ottone / Sealing brass plugs
 Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
 Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible
 Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

**PRESA CENTRALE
CENTRAL GAUGE**

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CONNECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART. 4 PAR. 3	AR000/FA4/C/SR	ROTALOCK 3/4"	8	5/16"	12	10	19.5	22	39	8	20	22
	AR000/FA5/C/SR	ROTALOCK 3/4"	/	3/8"	13	10	19.5	22	39	8	20	22
	AR000/FA6/C/SR	ROTALOCK 3/4"	10	/	13	10	19.5	22	39	8	20	22
	AR000/FA7/C/SR	ROTALOCK 3/4"	12	/	16	10	19.5	22	39	8	20	22
	AR000/FA8/C/SR	ROTALOCK 3/4"	/	1/2"	17	10	19.5	22	39	8	20	22
	AR010/FA4/C/SR	ROTALOCK 1"	8	5/16"	12	10	20	30	39.5	12	20	24
	AR010/FA5/C/SR	ROTALOCK 1"	/	3/8"	13	10	20	30	39.5	12	20	24
	AR010/FA6/C/SR	ROTALOCK 1"	10	/	13	10	20	30	39.5	12	20	24
	AR010/FA7/C/SR	ROTALOCK 1"	12	/	16	10	20	30	39.5	12	20	24
	AR010/FA8/C/SR	ROTALOCK 1"	/	1/2"	17	10	20	30	39.5	12	20	24
	AR010/FB2/C/SR	ROTALOCK 1"	16	5/8"	20	15	21	30	41.5	13.5	22	29
	AR010/FB3/C/SR	ROTALOCK 1"	18	/	21.6	15	21	30	42	13.5	22	29
	AR010/FB4/C/SR	ROTALOCK 1"	/	3/4"	23	15	21	30	42	13.5	22	35.5
	AR020/FB2/C/SR	ROTALOCK 1 1/4"	16	5/8"	20	15	24	36	44	14	22	29
	AR020/FB3/C/SR	ROTALOCK 1 1/4"	18	/	21.6	15	24	36	44	14	22	29
	AR020/FB4/C/SR	ROTALOCK 1 1/4"	/	3/4"	23	20	24	36	47	19	28	34
	AR020/FB6/C/SR	ROTALOCK 1 1/4"	22	/	26	20	24	36	47	19	28	38
	AR020/FB7/C/SR	ROTALOCK 1 1/4"	/	7/8"	26	20	24	36	47	19	28	38
	AR020/FC1/C/SR	ROTALOCK 1 1/4"	28	/	32	20	24	36	49	19	28	48
	AR020/FC2/C/SR	ROTALOCK 1 1/4"	/	1 1/8"	33	20	24	36	49	19	28	48
AR030/FB6/C/SR	ROTALOCK 1 3/4"	22	/	26	20	31	50	51.5	19	28	41	
AR030/FB7/C/SR	ROTALOCK 1 3/4"	/	7/8"	26	20	31	50	51.5	19	28	41	
AR030/FC1/C/SR	ROTALOCK 1 3/4"	28	/	33	25	33	50	61.5	27.5	35	47.5	
AR030/FC2/C/SR	ROTALOCK 1 3/4"	/	1 1/8"	33	25	33	50	61.5	27.5	35	47.5	
AR030/FC8/C/SR	ROTALOCK 1 3/4"	35	1 3/8"	39	25	32	50	65	31	40	59	
AR030/FD1/C/SR	ROTALOCK 1 3/4"	/	1 5/8"	47	25	32	50	71.5	31	40	59	
AR030/FD2/C/SR	ROTALOCK 1 3/4"	42	/	47	25	32	50	71.5	31	40	59	
AR040/FC8/C/SR	ROTALOCK 2 1/4"	35	1 3/8"	39	25	37	65	69	31	40	59	
AR040/FD1/C/SR	ROTALOCK 2 1/4"	/	1 5/8"	46	25	39	65	76	40	50	64	
AR040/FD2/C/SR	ROTALOCK 2 1/4"	42	/	46	25	39	65	76	40	50	64	
AR040/FD7/C/SR	ROTALOCK 2 1/4"	54	2 1/8"	59	25	39	65	76	40	50	70	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

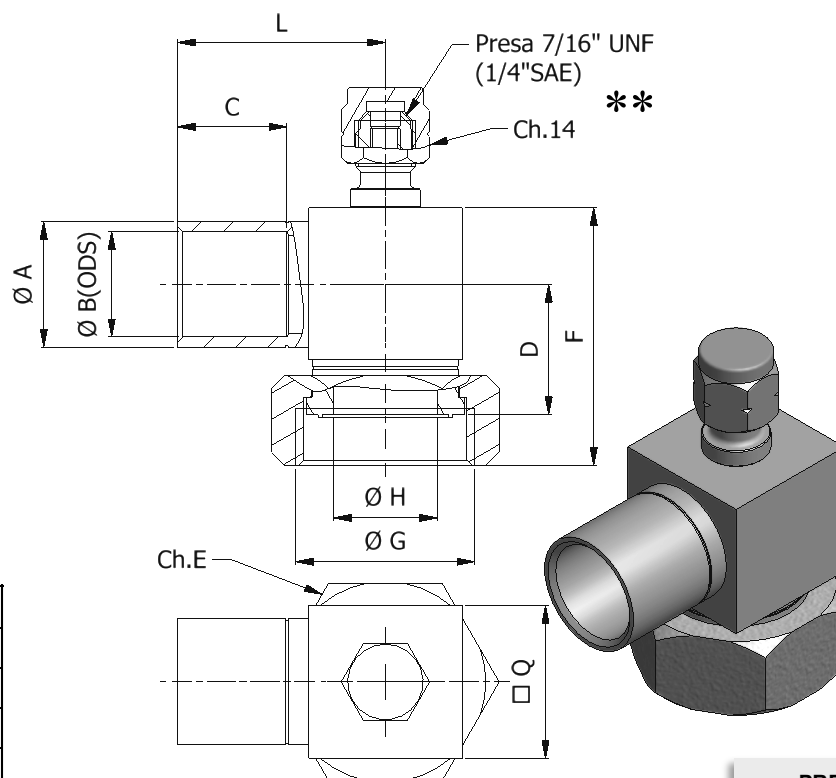
**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

**Tappi di protezione in ottone cromato -SR- / Chromium-plated brass protection cap.-SR-

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA VERTICALE
VERTICALE GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CONNECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART. 4 PAR. 3	AR000/FA4/H	ROVALOCK 3/4"	8	5/16"	12	10	19.5	22	39	8	20	22
	AR000/FA5/H	ROVALOCK 3/4"	/	3/8"	13	10	19.5	22	39	8	20	22
	AR000/FA6/H	ROVALOCK 3/4"	10	/	13	10	19.5	22	39	8	20	22
	AR000/FA7/H	ROVALOCK 3/4"	12	/	16	10	19.5	22	39	8	20	22
	AR000/FA8/H	ROVALOCK 3/4"	/	1/2"	17	10	19.5	22	39	8	20	22
	AR010/FA4/H	ROVALOCK 1"	8	5/16"	12	10	20	30	39.5	12	20	24
	AR010/FA5/H	ROVALOCK 1"	/	3/8"	13	10	20	30	39.5	12	20	24
	AR010/FA6/H	ROVALOCK 1"	10	/	13	10	20	30	39.5	12	20	24
	AR010/FA7/H	ROVALOCK 1"	12	/	16	10	20	30	39.5	12	20	24
	AR010/FA8/H	ROVALOCK 1"	/	1/2"	17	10	20	30	39.5	12	20	24
	AR010/FB2/H	ROVALOCK 1"	16	5/8"	20	15	21	30	41.5	13.5	22	29
	AR010/FB3/H	ROVALOCK 1"	18	/	21.6	15	21	30	42	13.5	22	29
	AR010/FB4/H	ROVALOCK 1"	/	3/4"	23	15	21	30	42	13.5	22	35.5
	AR020/FB2/H	ROVALOCK 1 1/4"	16	5/8"	20	15	24	36	44	14	22	29
	AR020/FB3/H	ROVALOCK 1 1/4"	18	/	21.6	15	24	36	44	14	22	29
	AR020/FB4/H	ROVALOCK 1 1/4"	/	3/4"	23	20	24	36	47	19	28	38
	AR020/FB6/H	ROVALOCK 1 1/4"	22	/	26	20	24	36	47	19	28	38
	AR020/FB7/H	ROVALOCK 1 1/4"	/	7/8"	26	20	24	36	47	19	28	38
	AR020/FC1/H	ROVALOCK 1 1/4"	28	/	32	20	24	36	49	19	28	48
	AR020/FC2/H	ROVALOCK 1 1/4"	/	1 1/8"	33	20	24	36	49	19	28	48
AR030/FB6/H	ROVALOCK 1 3/4"	22	/	26	20	27	50	51.5	19	28	38	
AR030/FB7/H	ROVALOCK 1 3/4"	/	7/8"	26	20	27	50	51.5	19	28	38	
AR030/FC1/H	ROVALOCK 1 3/4"	28	/	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC2/H	ROVALOCK 1 3/4"	/	1 1/8"	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC8/H	ROVALOCK 1 3/4"	35	1 3/8"	39	25	32	50	62.5	31	40	59	
AR030/FD1/H	ROVALOCK 1 3/4"	/	1 5/8"	47	25	32	50	66	31	40	59	
AR030/FD2/H	ROVALOCK 1 3/4"	42	/	47	25	32	50	66	31	40	59	
AR040/FC8/H	ROVALOCK 2 1/4"	35	1 3/8"	39	25	37	65	69	31	40	59	
AR040/FD1/H	ROVALOCK 2 1/4"	/	1 5/8"	46	25	39	65	76	40	50	64	
AR040/FD2/H	ROVALOCK 2 1/4"	42	/	46	25	39	65	76	40	50	64	
AR040/FD7/H	ROVALOCK 2 1/4"	54	2 1/8"	59	25	39	65	76	40	50	70	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

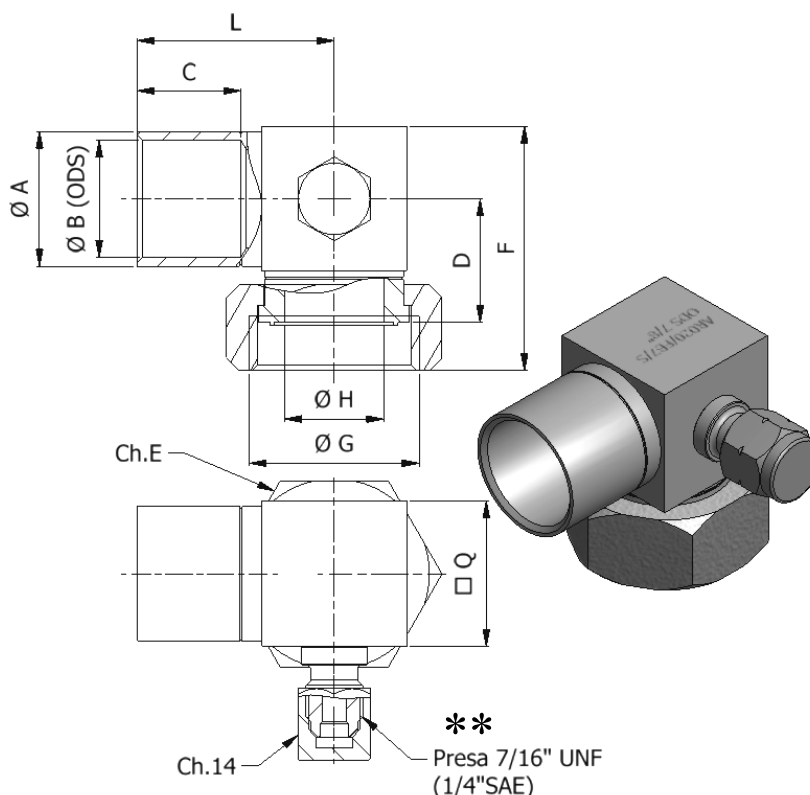
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

PRESA SINISTRA
LEFT GAUGE

FLUID GR.2	TIPO/TYPE	ATTACCO ØG CONNECTION ØG	ØB ODS (mm)	ØB ODS (inches)	ØA	C	D	Ch.E	F	ØH	Q	L
ART.4 PAR.3	AR000/FA4/S	ROTALOCK 3/4"	8	5/16"	12	10	19.5	22	39	8	20	22
	AR000/FA5/S	ROTALOCK 3/4"	/	3/8"	13	10	19.5	22	39	8	20	22
	AR000/FA6/S	ROTALOCK 3/4"	10	/	13	10	19.5	22	39	8	20	22
	AR000/FA7/S	ROTALOCK 3/4"	12	/	16	10	19.5	22	39	8	20	22
	AR000/FA8/S	ROTALOCK 3/4"	/	1/2"	17	10	19.5	22	39	8	20	22
	AR010/FA4/S	ROTALOCK 1"	8	5/16"	12	10	20	30	39.5	12	20	24
	AR010/FA5/S	ROTALOCK 1"	/	3/8"	13	10	20	30	39.5	12	20	24
	AR010/FA6/S	ROTALOCK 1"	10	/	13	10	20	30	39.5	12	20	24
	AR010/FA7/S	ROTALOCK 1"	12	/	16	10	20	30	39.5	12	20	24
	AR010/FA8/S	ROTALOCK 1"	/	1/2"	17	10	20	30	39.5	12	20	24
	AR010/FB2/S	ROTALOCK 1"	16	5/8"	20	15	21	30	41.5	13.5	22	29
	AR010/FB3/S	ROTALOCK 1"	18	/	21.6	15	21	30	42	13.5	22	29
	AR010/FB4/S	ROTALOCK 1"	/	3/4"	23	15	21	30	42	13.5	22	35.5
	AR020/FB2/S	ROTALOCK 1 1/4"	16	5/8"	20	15	24	36	44	14	22	29
	AR020/FB3/S	ROTALOCK 1 1/4"	18	/	21.6	15	24	36	44	14	22	29
	AR020/FB4/S	ROTALOCK 1 1/4"	/	3/4"	23	20	24	36	47	19	28	38
	AR020/FB6/S	ROTALOCK 1 1/4"	22	/	26	20	24	36	47	19	28	38
	AR020/FB7/S	ROTALOCK 1 1/4"	/	7/8"	26	20	24	36	47	19	28	38
	AR020/FC1/S	ROTALOCK 1 1/4"	28	/	32	20	24	36	49	19	28	48
	AR020/FC2/S	ROTALOCK 1 1/4"	/	1 1/8"	33	20	24	36	49	19	28	48
AR030/FB6/S	ROTALOCK 1 3/4"	22	/	26	20	31	50	51.5	19	28	38	
AR030/FB7/S	ROTALOCK 1 3/4"	/	7/8"	26	20	31	50	51.5	19	28	38	
AR030/FC1/S	ROTALOCK 1 3/4"	28	/	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC2/S	ROTALOCK 1 3/4"	/	1 1/8"	33	25	31.5	50	59.5	27.5	35	47.5	
AR030/FC8/S	ROTALOCK 1 3/4"	35	1 3/8"	39	25	32	50	62.5	31	40	59	
AR030/FD1/S	ROTALOCK 1 3/4"	/	1 5/8"	47	25	32	50	66	31	40	59	
AR030/FD2/S	ROTALOCK 1 3/4"	42	/	47	25	32	50	66	31	40	59	
AR040/FC8/S	ROTALOCK 2 1/4"	35	1 3/8"	39	25	37	65	69	31	40	59	
AR040/FD1/S	ROTALOCK 2 1/4"	/	1 5/8"	46	25	39	65	76	40	50	64	
AR040/FD2/S	ROTALOCK 2 1/4"	42	/	46	25	39	65	76	40	50	64	
AR040/FD7/S	ROTALOCK 2 1/4"	54	2 1/8"	59	25	39	65	76	40	50	70	

**Attacco di carica 1/4"Flare/Sae con filettatura interna per valvola Schrader, non escludibile in retrochiusura

**Charging connection 1/4"Flare/Sae with internal threaded for valve Schrader, it isn't possible to exclude when back seated

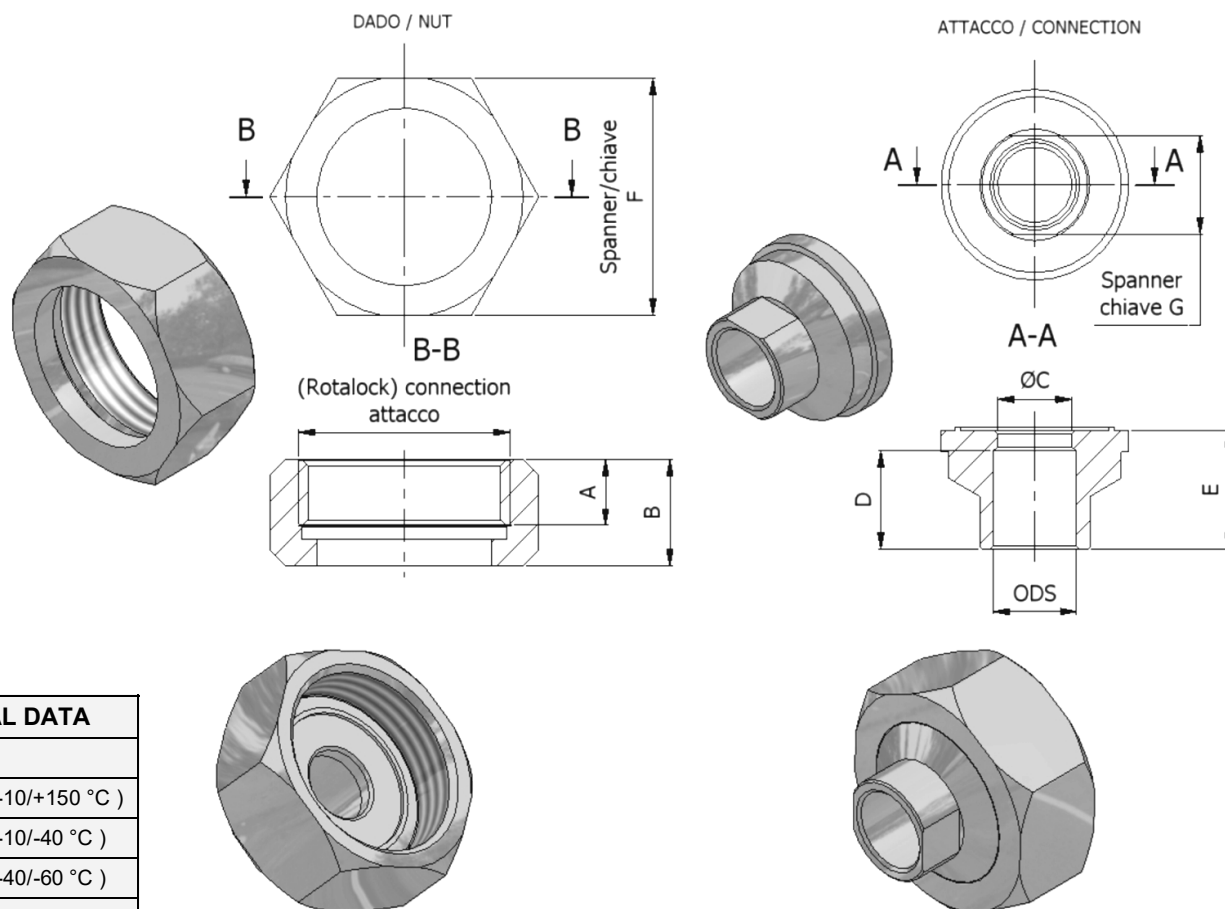
Tappi di tenuta in ottone / Sealing brass plugs

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning

Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

E' possibile fare richieste speciali / special request are possible

Tattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

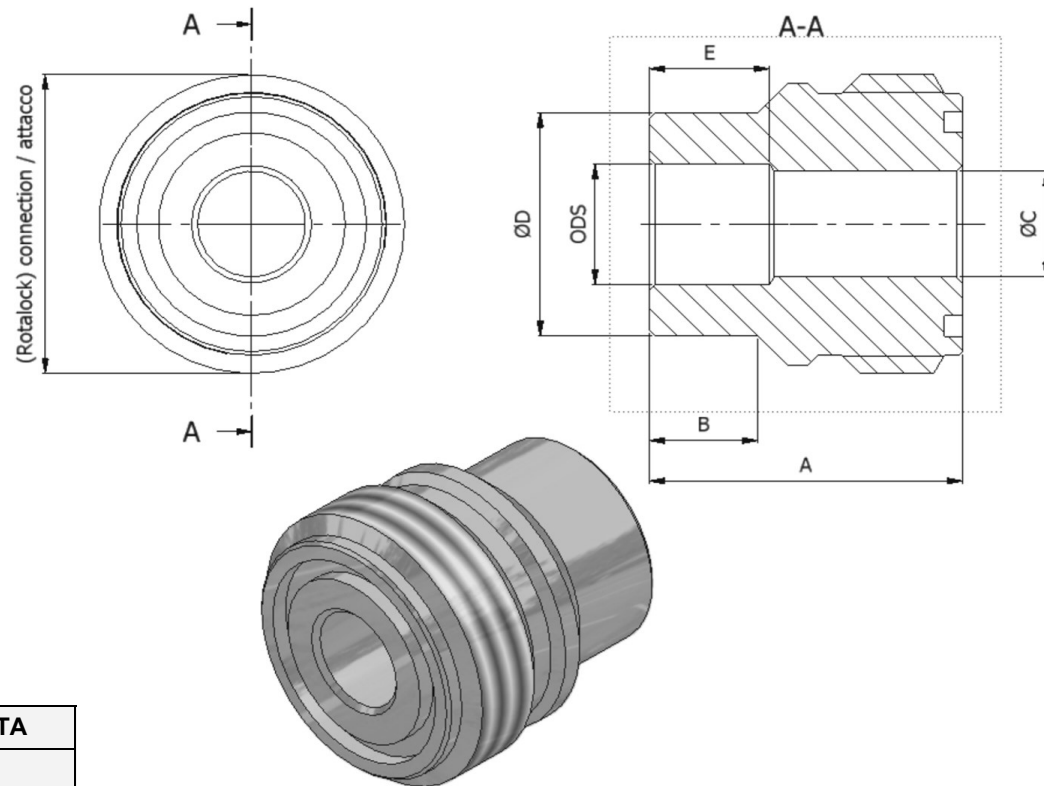


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

TIPO/TYP	ATTACCO CONNECTION	ODS (mm)	ODS (inches)	A	B	ØC	D	E	Sp-F	Sp-G
RF000/R2/FA3	ROOTALOCK 1"	-	1/4"	10	16	6	14	17	30	10
RF001/R2/FA5	ROOTALOCK 1"	-	3/8"	10	16	8.5	14	17	30	13
RF002/R2/FA6	ROOTALOCK 1"	10	-	10	16	9.5	14	17	30	13
RF003/R2/FA7	ROOTALOCK 1"	12	-	10	16	11.5	14	17	30	15
RF004/R2/FA8	ROOTALOCK 1"	-	1/2"	10	16	11.5	14	17	30	15
RF005/R3/FA5	ROOTALOCK 1"1/4	-	3/8"	10	16	8.5	15	18	36	13
RF006/R3/FA8	ROOTALOCK 1"1/4	-	1/2"	10	16	11.5	15	18	36	15
RF007/R3/FB2	ROOTALOCK 1"1/4	16	5/8"	10	16	15.5	15	18	36	19
RF008/R3/FB3	ROOTALOCK 1"1/4	18	-	10	16	17.5	15	18	36	21
RF009/R3/FB4	ROOTALOCK 1"1/4	-	3/4"	10	16	18.5	15	18	36	22
RF010/R4/FB4	ROOTALOCK 1"3/4	-	3/4"	10.5	17.5	18.5	18	23	50	22
RF011/R4/FB6	ROOTALOCK 1"3/4	22	-	10.5	17.5	21.5	18	23	50	25
RF012/R4/FB7	ROOTALOCK 1"3/4	-	7/8"	10.5	17.5	21.5	18	23	50	25
RF013/R4/FC1	ROOTALOCK 1"3/4	28	-	10.5	17.5	27.5	18	23	50	32
RF014/R4/FC2	ROOTALOCK 1"3/4	-	1"1/8	10.5	17.5	28	18	23	50	32
RF015/R5/FC2	ROOTALOCK 2"1/4	-	1"1/8	13	20	28	18	28	65	32
RF016/R5/FC8	ROOTALOCK 2"1/4	35	1"3/8	13	20	34	18	28	65	38
RF017/R5/FD1	ROOTALOCK 2"1/4	-	1"5/8	13	20	40.5	18	28	65	46

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

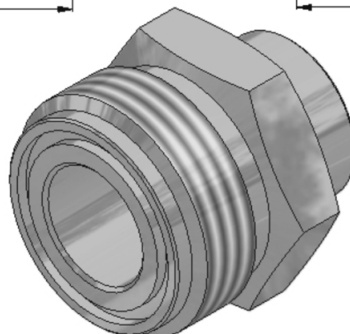
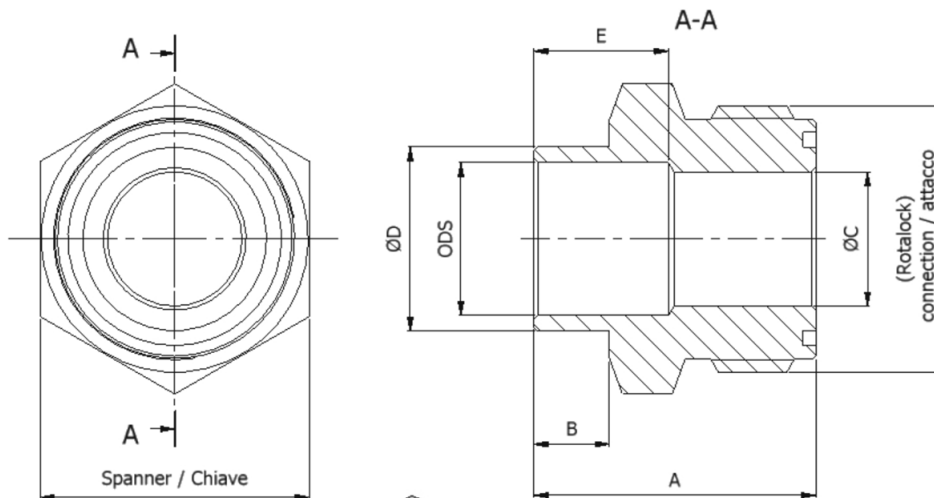


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

TIPO/TYPE	ATTACCO CONNECTION	ODS (mm)	ODS (inches)	A	B	ØC	ØD	E
NS000/R2/FA6	ROTALOCK 1"	10	-	26	9	9	19	10
NS001/R2/FA7	ROTALOCK 1"	12	-	26	9	10	19	12
NS002/R2/FA8	ROTALOCK 1"	-	1/2"	26	9	10	19	12
NS003/R2/FB2	ROTALOCK 1"	16	5/8"	26	9	13	20	12
NS004/R2/FB3	ROTALOCK 1"	18	-	26	9	13	23	13
NS005/R2/FB4	ROTALOCK 1"	-	3/4"	26	9	13	23	12
NS006/R3/FB3	ROTALOCK 1"1/4	18	-	32.5	10	16	25.5	16
NS007/R3/FB4	ROTALOCK 1"1/4	-	3/4"	32.5	10	17	25.5	16
NS008/R3/FB6	ROTALOCK 1"1/4	22	-	32.5	10	19	25.5	16
NS009/R3/FB7	ROTALOCK 1"1/4	-	7/8"	32.5	10	19	25.5	16
NS010/R3/FC1	ROTALOCK 1"1/4	28	/	32.5	10	19	32	10
NS011/R4/FB7	ROTALOCK 1"3/4	-	7/8"	32.5	10	19	35	20
NS012/R4/FC1	ROTALOCK 1"3/4	28	-	32.5	10	26	35	20
NS013/R4/FC2	ROTALOCK 1"3/4	-	1"1/8	32.5	10	26	35	20
NS014/R4/FC8	ROTALOCK 1"3/4	35	1"3/8	32.5	10	31	38	20
NS015/R4/FD2	ROTALOCK 1"3/4	42	-	32.5	10	31	45	12
NS016/R5/FD1	ROTALOCK 2"1/4	-	1"5/8	35	10	40	47	20
NS017/R5/FD2	ROTALOCK 2"1/4	42	-	35	10	40	47	20
NS018/R5/FD7	ROTALOCK 2"1/4	54	2"1/8	35	10	40	62	14

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

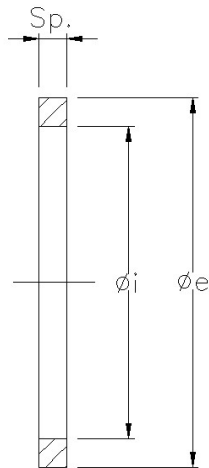


TECHNICAL DATA
FLUID GROUP 2
PS: 45 bar (TS: -10/+150 °C)
PS: 33 bar (TS: -10/-40 °C)
PS: 11 bar (TS: -40/-60 °C)
GAS: A1 - ISO 21922

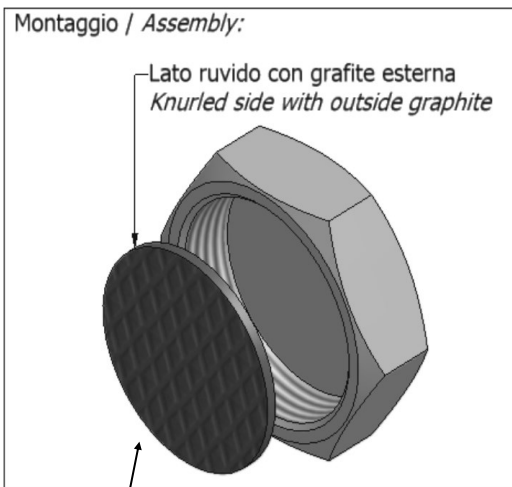
TIPO/TYPE	ATTACCO CONNECTION	ODS (mm)	ODS (inches)	A	B	ØC	ØD	E	CHIAVE SPANNER
RS000/R2/FA6	ROTALOCK 1"	10	-	26	6	9	14	12	26
RS001/R2/FA7	ROTALOCK 1"	12	-	26	6	10	16	12	26
RS002/R2/FA8	ROTALOCK 1"	-	1/2"	26	6	10	16	12	26
RS003/R2/FB2	ROTALOCK 1"	16	5/8"	26	6	13	20	12	26
RS004/R2/FB3	ROTALOCK 1"	18	-	26	6	13	22	12	26
RS005/R2/FB4	ROTALOCK 1"	-	3/4"	26	6	13	23	12	26
RS006/R3/FB3	ROTALOCK 1 1/4"	18	-	33.5	8	16	22	16	32
RS007/R3/FB4	ROTALOCK 1 1/4"	-	3/4"	33.5	8	16	23	16	32
RS008/R3/FB6	ROTALOCK 1 1/4"	22	-	33.5	8	19	26	14	32
RS009/R3/FB7	ROTALOCK 1 1/4"	-	7/8"	33.5	8	19	26	14	32
RS010/R3/FC1	ROTALOCK 1 1/4"	28	/	33.5	8	19	31.5	14	32
RS011/R4/FB7	ROTALOCK 1 3/4"	-	7/8"	33.5	8	21	27	20	46
RS012/R4/FC1	ROTALOCK 1 3/4"	28	-	33.5	8	26	33	20	46
RS013/R4/FC2	ROTALOCK 1 3/4"	-	1 1/8"	33.5	8	26	34	20	46
RS014/R4/FC8	ROTALOCK 1 3/4"	35	1 3/8"	33.5	8	31	40	20	46
RS015/R4/FD2	ROTALOCK 1 3/4"	42	-	40	8	31	47	20	50
RS016/R5/FD1	ROTALOCK 2 1/4"	-	1 5/8"	50	15	40	47	20	65
RS017/R5/FD2	ROTALOCK 2 1/4"	42	-	50	15	41	47	20	65
RS018/R5/FD7	ROTALOCK 2 1/4"	54	2 1/8"	50	15	41	59	20	65

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.

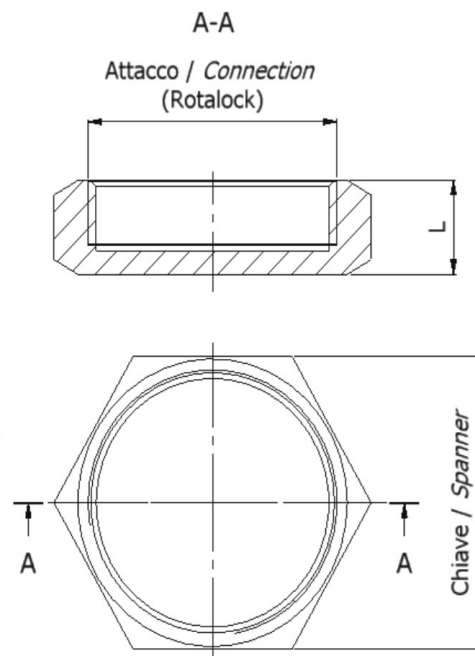
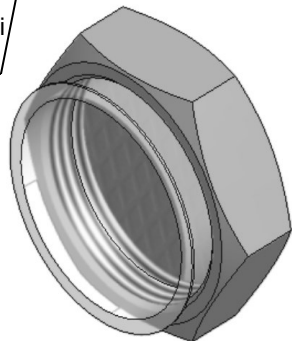
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.



TIPO / TYPE	PER ATTACCO ROTALOCK CONNECTION	FOR	Sp.	Øi	Øe
G000/R1	ROTALOCK 3/4"-16UNF		1,5	11	14,3
G000/R2	ROTALOCK 1"-14UNS		1,5	15,8	19,1
G000/R3	ROTALOCK 1 1/4"-12UNF		1,5	22,1	25,4
G000/R4	ROTALOCK 1 3/4"-12UN		1,5	34,8	38,1
G000/R5	ROTALOCK 2 1/4"-12UN		1,5	46,95	50,9



Oliare leggermente entrambe i lati
Slightly oil both sides



TIPO / TYPE	ATTACCO / CONNECTION	L	CHIAVE SPANNER	FORZA DI SERR. MOMENTO (Nm) TORQUE WRENCH SETTING (Nm)
TRG-0	ROTALOCK 3/4"-16 UNF	12	22	30
TRG-1	ROTALOCK 1"-14 UNS	12,5	30	40 - 45
TRG-5	ROTALOCK 1 1/4"-12 UNF	15	36	45 - 50
TRG-7	ROTALOCK 1 3/4"-12 UN	16	50	120 - 130
TRG-9	ROTALOCK 2 1/4"-12 UN	20	65	140 - 150

Applicazioni per refrigerazione e aria condizionata / Application for refrigeration and air conditioning
Prodotti secondo - Direttiva PED 2014/68/UE . / Products according to - 2014/68/EU Directive PED.
 E' possibile su richiesta acquistare valvole complete di guarnizione PTFE
 It is possible on request purchase valves complete with the PTFE gasket
Trattamento antiossidante di Nichelatura / Anti-oxidatio Nickel treatment.

TABELLE DI CONVERSIONE TRA SIGLE COMMERCIALI E FORME / DIMENSIONI ATTACCHI VALVOLE
CONVERSION TABLES BETWEEN COMMERCIAL NAMES AND SHAPE / SIZES OF VALVE CONNECTIONS

ODS SOLDER (mm / inch)	
1/8"	FA1
3,3	FX1
6	FA2
1/4"	FA3
8	FA4
3/8"	FA5
10	FA6
12	FA7
1/2"	FA8
14	FA9
15	FA0
5/8"	FB1
16	FB2
18	FB3
3/4"	FB4
20	FB5
22	FB6
7/8"	FB7
24	FB8
1"	FB9
26	FB0
28	FC1
1"1/8	FC2
30	FC3
1"1/4	FC4
32	FC5
34	FC6
1"3/8	FC7
35	FC8
36	FC9
1"1/2	FC0
1"5/8	FD1
42	FD2
1"3/4	FD3
45	FD4
50	FD5
2"1/8	FD6
54	FD7
66	FD8
2"5/8	FD9
3"1/8	FD0
80	FE1
3"5/8	FE2
100	FE3
4"1/8	FE4

O-RING THREADS (O.R.F.S.SAE J1453 / IMACA 305 STD)	
11/16"	F1
7/8"	F2
3/4"	F3
5/8"	F4
7/16"	F5
3/8"	F6
9/16"	F7
13/16"	F8

SAE FLARE THREADS	
1/4"SAE(7/16"-20 UNF)	T1
3/8"SAE(5/8"-18 UNF)	T2
1/2"SAE(3/4"-16 UNF)	T3
5/8"SAE(7/8"-14 UNF)	T4
3/4"SAE(1-1/16"-14 UNS)	T5
7/8"SAE(1-1/4"-12 UNF)	T6
1"SAE(1-3/8"-12 UNF)	T7

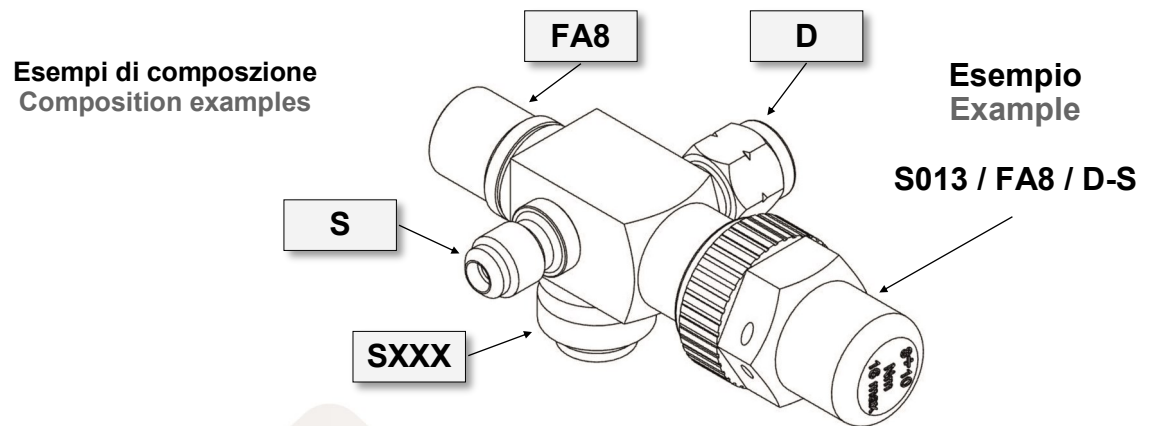
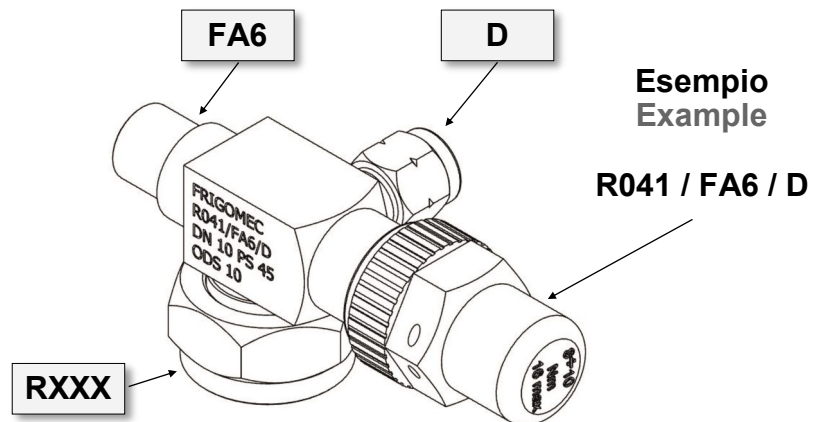
AMERICAN THREADS	
3/8"-24 UNF	U1
9/16"-18 UNF	U2
11/16"-16 UNF	U3
7/8"-14 UNF	U4
3/4"-16 UNF	U5
5/8"-18 UNF	U6
7/16"-20 UNF	U7
1"1/16-14 UNS	U8
1"1/4-12 UNF	U9
1"3/8-12 UNF	U10

NPT THREADS	
1/8"	G1
1/4"	G2
3/8"	G3
1/2"	G4
5/8"	G5
3/4"	G6
7/8"	G7
1"	G8
1"1/4	G9

ROTALOCK THREADS	
3/4"	R1
1"	R2
1"1/4	R3
1"3/4	R4
2"1/4	R5

VALVE TYPE	
ROTALOCK	RXXX
SAE/FLARE	FXXX
SOLDER	SXXX
THREE-WAY	SCXX
NPT	NXXX

VERSION TYPE	
RIGHT	D
LEFT	S
RIGHT AND LEFT	D-S
LEFT AND RIGHT	S-D
VERTICAL	V
CENTRAL	C



E' possibile fare richieste speciali / special request are possible

CONDIZIONI GENERALI DI VENDITA FRIGOMEC'S GENERAL SALE CONDITIONS

01 - FORNITURA E PREZZI

Tutte le transazioni per la fornitura di un qualsiasi bene da parte nostra saranno ritenute come concordate esclusivamente in base a queste condizioni generali di vendita. Dai prezzi è sempre esclusa l'I.V.A. e, salvo patti di contratto, l'eventuale imballo e trasporto.

- VARIAZIONI DI ORDINI E TERMINI DI CONSEGNA

Ogni ordine può essere variato od annullato dall'acquirente solo per iscritto. Ci riserviamo comunque il diritto di addebitare i costi derivanti da acquisti od impegni di materiale dovuti a tali ordini prima della variazione od annullamento. I termini di consegna, anche se confermati, si intendono sempre salvo imprevisti e hanno carattere puramente indicativo. Se non preventivamente concordato, NON è applicabile alcun tipo di penale per eventuale ritardo di consegna.

- RESA DELLA MERCE

Salvo diverso accordo scritto, i prodotti sono resi sempre EX WORKS-Incotems 2010.

04 - RECLAMI

Qualsiasi reclamo deve, sotto pena di decadenza, esserci pro-posto per iscritto entro i termini di legge dal ricevimento della merce. Nel caso di ammanco od avaria, è dovere dell'acquirente fare al vettore, all'atto della consegna, le debite riserve sul documento di trasporto.

05 - PAGAMENTI E MORA

Nel caso in cui le ns. condizioni di pagamento non venissero rispettate ci riserviamo di agire per il regolamento del prezzo nonché delle eventuali spese ed interessi di mora calcolati sulla base del tasso bancario passivo in vigore all'atto della scadenza, per il periodo trascorso dalla scadenza della fattura al pagamento effettivo del saldo.

06 - GARANZIA

Tutti i prodotti sono garantiti da qualsiasi difetto e/o vizio di costruzione per un periodo di 18 mesi dalla data di consegna, anche se durante tale periodo i prodotti non sono stati messi in servizio. Eventuali prodotti riscontrati difettosi durante il periodo di garanzia dovranno essere resi franco ns. stabilimento di Legnago ove verranno controllati e, a ns. giudizio riparati o sostituiti. La garanzia è esclusa qualora i difetti e/o vizi dei prodotti siano stati determinati dalle seguenti cause:

- naturale usura e deterioramento
- riparazioni o modifiche non espressamente autorizzate
- mancato rispetto di quanto prescritto dalle Istruzioni Operative allegate ai prodotti
- eventuale non conformità dei prodotti a leggi e/o normative, qualora non espressamente richiesta dal Cliente prima o all'atto dell'ordine d'acquisto, riguardanti la costruzione, l'installazione ed eventuale successive verifiche dei prodotti
- qualunque altra causa imputabile a negligenza del cliente

07 - FORO COMPETENTE

Per ogni controversia nascente, la legge applicabile è solo la Legge Italiana ed il Foro esclusivamente competente è quello di Verona - ITALIA. Dimensioni, pesi, ed in genere tutti i dati tecnici contenuti in questo catalogo devono intendersi come indicazioni approssimative tenenti conto delle normali tolleranze di fabbricazione. Ci riserviamo il diritto di apportare in qualunque momento e senza preavviso, a tali dati, quelle modifiche non sostanziali che ritenessimo utili e convenienti.

01 - SUPPLY AND PRICES

All the transactions for the supply of any of the goods from ourselves will be considered exclusively as subject to these general conditions of sale. Prices do not include V.A.T. and the eventual packing and transport charges, if not differently agreed upon on the contract of sale.

- VARIATIONS OF ORDERS AND DELIVERY DATES

Any order may be varied or cancelled by the purchaser only by previous advice in writing. However, we reserve the right of debiting him with the eventual costs involved made in connection with such order and all other losses we incurred due to such variation or cancellation. The delivery times, even if confirmed, are intended to be indicative only and subjected to the clause barring accidents. Unless previously agreed, ANY kind of penalty cannot be applied for a possible delayed delivery.

- DELIVERY TERMS

Unless otherwise agreed in writing, goods are always delivered EX-WORKS-Incotems 2010.

04 - CLAIMS

All claims have to be advised us by written notice and, according to the law, within the terms stated from the receipt of the goods, under penalty of failure. In case of damage or loss the purchaser has to make the due reservations to the transport company by remarking that on the carriage note when receiving the goods.

- PAYMENTS AND DELAYED PAYMENTS

In the event of not compliance with our payment terms, we reserve the right of claiming for the amount settlement as well as for the additional charges. Delays in transferring payments by the purchaser in respect of the fixed dates will result in interest being applied at the bank annual paid-interest rate in force at that date. It will be calculated on the time elapsed from the expiry date up to the settlement of the balance.

- WARRANTY

An eighteen-month validity from the despatch date is applied to all of our products in relation to manufacturing and machining defects, even if such products have not been installed yet. Faulty products noticed during the guarantee period shall be returned to our factory free of charge for us. The equipment will be checked and repaired or replaced according to our judgement. The warranty obligations will not be valid for those defects resulting from:

- natural wear and deterioration
- repairs or modifications not expressly approved
- failure to comply with requirements of the Operation Instructions supplied with products
- any non-compliance of the products with laws and/or regulations, if not expressly required by the Customer before or when sending the purchase order, concerning manufacture, installation and any subsequent products check
- any other reason attributable to the negligence of the Customer

07 - COMPETENT COURT

Any controversy arising will be regulated by the Italian Law to which these terms in all respects shall be construed and operated in accordance with. The sole competent jurisdiction Court will be the one of Verona - ITALY. Dimensions, weights, and generally all the technical data specified on our catalogue have to be intended as approximate indications compatible with the standard manufacturing tolerances. We reserve the right of modifying such technical data at our convenience, in any moment and without prior notice.



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