

VALVOLE A SFERA IN OTTONE

brass ball valves

VALVOLE A SFERA - *ball valves*

DATI TECNICI

Applicazioni	Pneumatica ed Idraulica
Materiali utilizzati	vedi scheda tecnica
Filettature	vedi scheda tecnica
Pressione max d'esercizio	vedi scheda tecnica
Temperatura d'esercizio	vedi scheda tecnica

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Technical specifications

<i>applications</i>	<i>pneumatics & hydraulics</i>
<i>materials used</i>	<i>see technical details</i>
<i>threads</i>	<i>see technical details</i>
<i>max working pressure</i>	<i>see technical details</i>
<i>working temperature</i>	<i>see technical details</i>

products in conformity with the directive 2002/95/EC **RoHS**

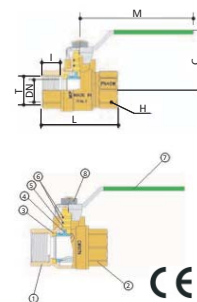
VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera a passaggio totale anti legionella per acqua potabile, attacchi filettati F/F UNI ISO 7/1 Rp
anti-legionella full bore ball valve for potable water, threaded ends F/F UNI ISO 7/1 Rp

9203



CODE	T	DN	L	M	I	C	H (Hex)	Peso weight(g)	
9203TR38	G3/8"	10	45	80	10	41	21	120	1
9203TR12	G1/2"	15	63	90	15	54	26	260	1
9203TR34	G3/4"	20	71	90	16	58	31	340	1
9203TR1	G1"	25	83	125	19	66	38	580	1
9203TR114	G1"-1/4"	32	92	125	21	71	48	860	1
9203TR112	G1"-1/2"	40	104	140	21	80	55	1380	1
9203TR2	G2"	50	124	140	26	88	68	2000	1



ANTIPELO
FROST-PROOF

Anti-legionella per acqua potabile
Anti-legionella for potable water

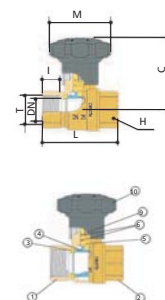
NEW

valvola a sfera a passaggio totale con riduttore di manovra anti legionella per acqua potabile, attacchi filettati F/F UNI ISO 7/1 Rp
anti-legionella full bore ball valve with geared 360-degree action for potable water, threaded ends F/F UNI ISO 7/1 Rp

9204



CODE	T	DN	L	M	I	C	H (Hex)	Peso weight(g)	
9204TR12	G1/2"	15	63	70	15	66	26	274	1
9204TR34	G3/4"	20	71	70	16	68	31	364	1
9204TR1	G1"	25	83	70	19	75	38	576	1
9204TR114	G1- 1/4"	32	92	70	21	80	48	870	1
9204TR112	G1- 1/2"	40	104	112	21	109	55	1344	1
9204TR2	2"	50	124	112	26	115	68	2030	1



NEW

N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N - UNI EN 12165/98	
2	Manicotto - body end	Ottone - brass CW 617N - UNI EN 12165/98	
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N - UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N - UNI EN 12164/98	
6	O'Ring - o'ring	NBR	
7	Leva - lever	Acciaio - steel	Rivest. PVC - plastic coated
8	Dado - nut	Acciaio - steel	Zincato - zinc plated
9	Vite - screw	Acciaio - steel	Zincato - zinc plated
10	Maniglia - handle	Nylon - nylon	

DATI TECNICI

Applicazioni impianti di distribuzione di acqua potabile
Pressione d'Esercizio 25 Bar
Temperatura d'Esercizio -10°C +90°C
Filettatura d'Estremità UNI ISO 7/1 Rp

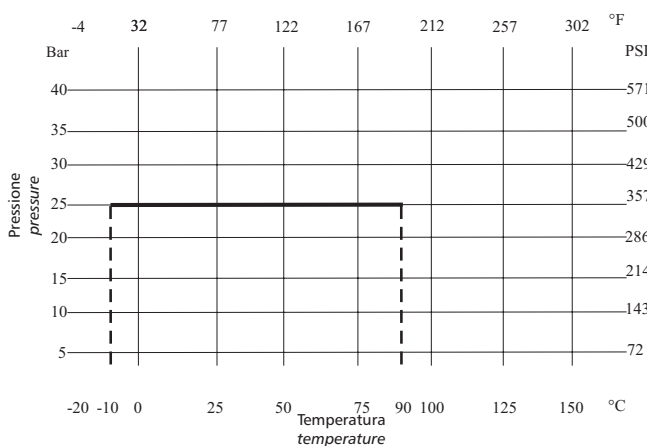
Technical specifications

applications potable water distribution plants
working pressure 25 Bar
working temperature -10°C +90°C
threaded ends UNI ISO 7/1Rp

Anti-Legionella - Il tipo di sfera utilizzata permette di evitare il ristagno dell'acqua nella valvola. In questo modo si evita che i batteri, eventualmente contenuti nell'acqua, possano rimanere a lungo nell'impianto al contrario delle normali valvole.

Anti-Legionella - This type of ball prevents water from stagnating in the valve. In this case the bacteria, that may be in water, cannot remain in the piping for a long time unlike the other traditional valves.

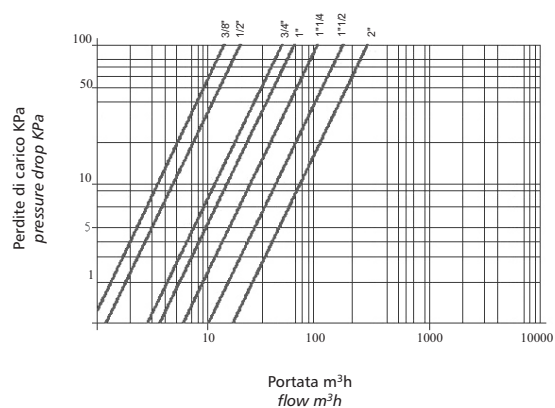
GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart



COEFFICIENTE KW - kw factor

3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
15	20	45	60	100	170	265

DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



kiwa

VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera per gas a passaggio totale, attacchi filettati BSPP F/F - leva gialla
full bore ball valve for gas, threaded ends BSPP F/F - yellow lever

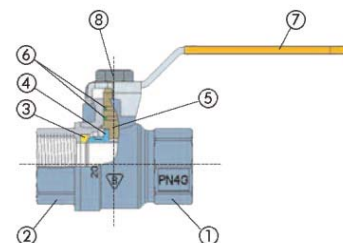
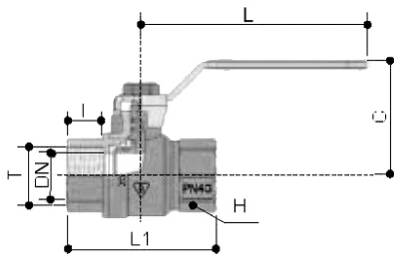
GAS

9208

CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9208TR38	G3/8"	10	16	10	80	45	41	21	160,0	1
9208TR12	G1/2"	15	16	15	90	63	54	26	285,0	1
9208TR34	G3/4"	20	16	16	90	71	58	31	370,0	1
9208TR1	G1"	25	16	19	125	83	66	38	690,0	1

CE

309



NEW

N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N - UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - bod yend	Ottone - brass CW 617N - UNI EN 12165/98	Nichelato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N - UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N - UNI EN 12164/98	
6	O'Ring - o'ring	HNBR	
7	Leva - lever	Acciaio - steel	Rivest.PVC - plastic coated
8	Dado - nut	Acciaio - steel	Zincato - zinc plated

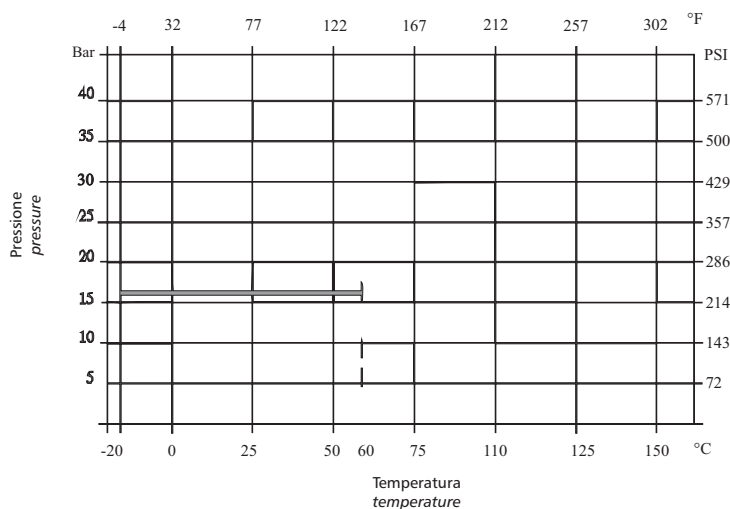
DATI TECNICI

Applicazioni impianti di distribuzione gas a media e bassa pressione e idrocarburi
Pressione d'Esercizio 16 Bar
Pressione di Omologazione da 3/8" a 1": 5 Bar
Temperatura d'Esercizio -20°C +60°C
Filettatura d'Estremità UNI ISO 7/1 RP

Technical specifications

applications medium and low pressure gas distribution plants and for hydrocarbons
working pressure 16 Bar
omologation pressure from 3/8" to 1": 5 Bar
working temperature -20°C +60°C
threaded ends UNI ISO 7/1RP

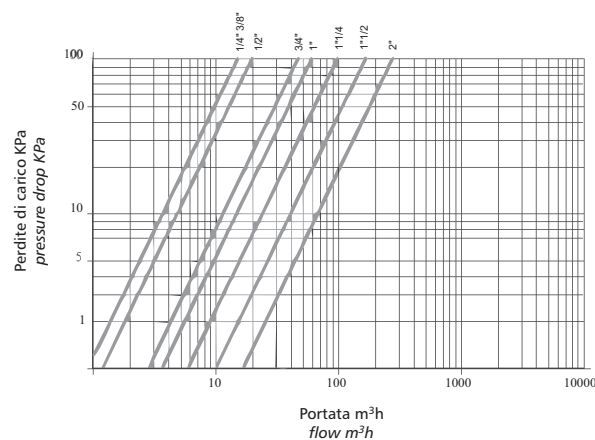
GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart



COEFFICIENTE KW - kw factor

3/8"-10	1/2"-15	3/4"-20	1"-25
15	20	45	60

DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera a passaggio totale, attacchi filettati NPT F/F - leva rossa
full bore ball valve, threaded ends NPT F/F - red lever

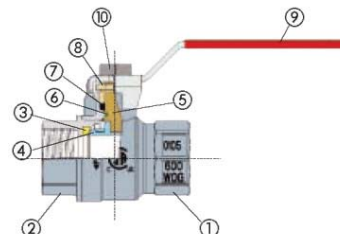
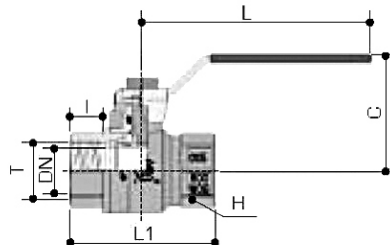
FILETTO NPT

9212

CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9212TR14	N 1/4"	10	40	12,0	80	45	41	21	135,0	1
9212TR38	N 3/8"	10	40	12,0	80	45	41	21	120,0	1
9212TR12	N 1/2"	15	40	16,0	90	60	54	26	260,0	1
9212TR34	N 3/4"	20	40	17,0	90	67	58	31	340,0	1
9212TR1	N 1"	25	40	19,5	125	80	66	38	590,0	1
9212TR114	N 1"-1/4"	32	32	21,0	125	89	71	48	850,0	1
9212TR112	N 1"-1/2"	40	32	21,0	140	98	80	55	1360,0	1



Su richiesta è disponibile con filetto fino a 4"
It's available on demand up to 4" thread



NEW

N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Cromato - chrome plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	O'Ring - o'ring	FP - fluor carbon rubber	
7	Guarniz. asta - stem seat	PTFE	
8	Premistoppa - packing nut	Ottone - brass CW 614N UNI EN 12164/98	
9	Leva - lever	Acciaio - steel	Rivest. PVC - plastic coated
10	Dado - nut	Acciaio - steel	Zincato - zinc plated

DATI TECNICI

Applicazioni impianti idraulici, installazioni idrotermosanitarie acquedotto, aria compressa ed idrocarburi
Pressione d'Esercizio da 1/4" a 1": 40 Bar
1"1/4" a 1"1/2": 32 Bar
Temperatura d'Esercizio -29°C + 150°C
Filettatura d'Estremità NPT ANSI B. 1.20.1

Technical specifications

applications hydraulics, sanitary, compressed air industries and hydrocarbons
working pressure from 1/4" to 1": 40 Bar
from 1"1/4" to 1"1/2": 32 Bar
working temperature -29°C + 150°C
threaded ends NPT ANSI B. 1.20.1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

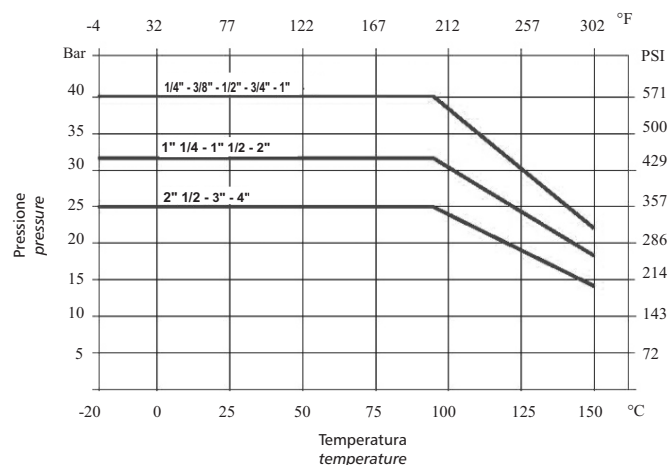
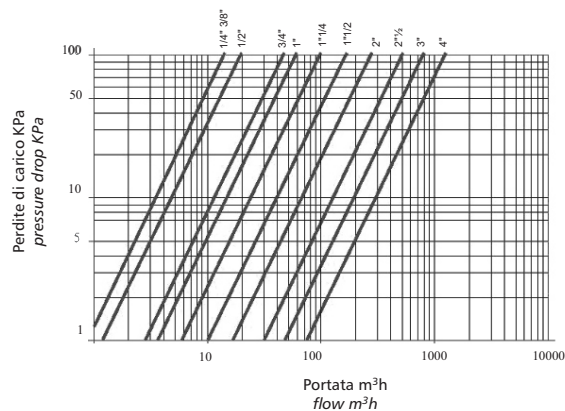


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

1/4"-10	3/8"-10	1/2"-15	3/4"-20	1"-25	1"1/4"-32	1"1/2"-40
15	15	20	45	60	100	170



VALVOLE A SFERA IN OTTONE • brass ball valves

valvola lucchettabile a passaggio totale, attacchi filettati BSPP F/F - leva rossa
lockable full bore ball valve, threaded ends BSPP F/F - red lever

LUCCHETTABILE
lockable

9214

CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9214TR14	G1/4"	10	40	10	80	45	41	21	135,0	1
9214TR38	G3/8"	10	40	10	80	45	41	21	120,0	1
9214TR12	G1/2"	15	40	15	90	63	54	26	255,0	1
9214TR34	G3/4"	20	40	16	90	71	58	31	340,0	1
9214TR1	G1"	25	40	19	125	83	66	38	580,0	1
9214TR114	G1"-1/4"	32	32	21	125	92	71	48	860,0	1
9214TR112	G1"-1/2"	40	32	21	140	104	80	55	1360,0	1
9214TR2	G2"	50	32	26	140	124	88	68	2020,0	1



Fornita senza lucchetto
supplied without padlock

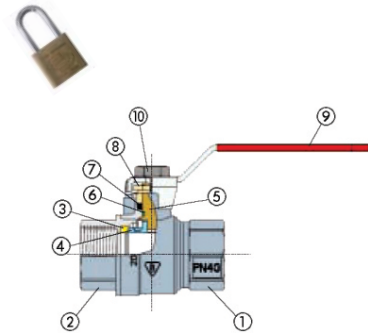
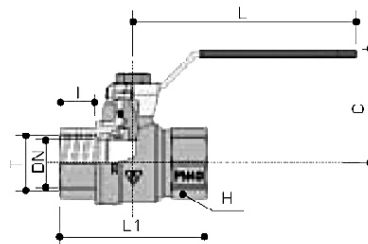
Su richiesta è disponibile con filetto fino a 4"
It's available on demand up to 4" thread

lucchetto per valvola 9214 • padlock for 9214 ball valve

LUC

CODE

LUC



NEW

N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Cromato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N UNI EN 12165/98	Cromato - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	O'Ring - o'ring	FP - fluor carbon rubber	
7	Guarniz. asta - stem seat	PTFE	
8	Premistoppa - packing nut	Ottone - brass CW 614N UNI EN 12164/98	
9	Leva - lever	Acciaio - steel	Rivest. PVC - plastic coated
10	Dado - nut	Acciaio - steel	Zincato - zinc plated

DATI TECNICI

Le valvole lucchettabili Tierre Group sono progettate per evitare manipolazioni involontarie durante le fasi di manutenzione degli impianti

Pressione d'Esercizio da 1/4" a 1": 40 Bar
da 1 1/4" a 2": 32 Bar
Temperatura d'Esercizio -20°C +150°C
Filettatura d'Estremità UNI ISO 228/1

Technical specifications

Tierre Group lockable ball valves have been projected in order to prevent potentially dangerous consequences caused by unintended operation during services activities

working pressure from 1/4" to 1": 40 Bar
from 1 1/4" to 2": 32 Bar
working temperature -20°C +150°C
threaded ends: UNI ISO 228/1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

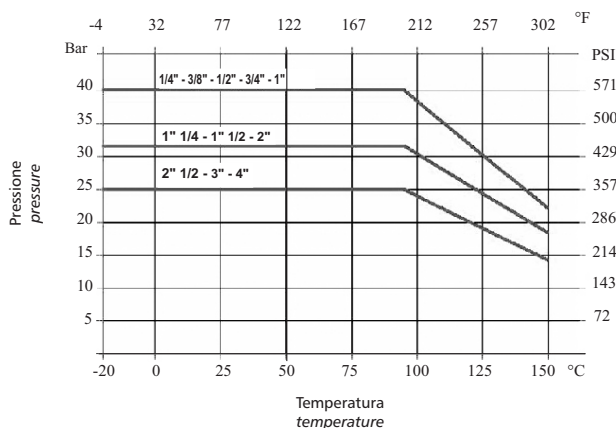
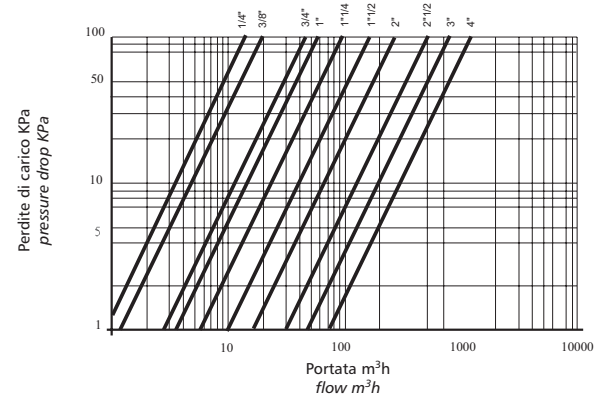


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

1/4"-10	3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
15	15	20	45	60	100	170	265



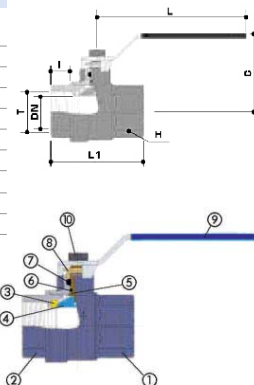
VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera a passaggio totale, attacchi filettati F/F BSPP - leva blu
full bore ball valve, threaded ends BSPP F/F - blue lever

9210



CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9210TR14	G1/4"	10	32	9	83	41	35	17	115,0	1
9210TR38	G3/8"	10	32	9	83	43	36	20	120,0	1
9210TR12	G1/2"	15	32	11	90	48	42	25	175,0	1
9210TR34	G3/4"	20	32	13	90	58	44	31	250,0	1
9210TR1	G1"	25	32	15	105	69	57	38	460,0	1
9210TR114	G1"-1/4"	32	25	17	105	80	61	47	690,0	1
9210TR112	G1"-1/2"	40	25	18	150	91	72	54	990,0	1
9210TR2	G2"	50	25	20,5	150	108	77	66	1570,0	1
9210TR212	G2"-1/2"	61	16	23	227	132	110	84	3000,0	1
9210TR3	G3"	74	16	27	227	151	121	96	4000,0	1
9210TR4	G4"	95	16	29	254	181	160	123	7000,0	1



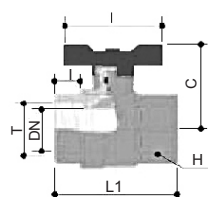
Su richiesta è disponibile nella versione sgrassata per utilizzo con ossigeno (leva bianca)
It's available on demand the degreased version for use with oxygen (white lever)

valvola a sfera a passaggio totale, attacchi filettati F/F BSPP - leva blu a farfalla
full bore ball valve, threaded ends BSPP F/F - blue butterfly lever

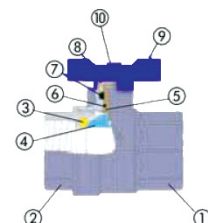
9240



CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9240TR14	G1/4"	10	32	9	52	41	35	17	100,0	1
9240TR38	G3/8"	10	32	9	52	43	36	20	100,0	1
9240TR12	G1/2"	15	32	11	52	48	42	25	155,0	1
9240TR34	G3/4"	20	32	13	52	58	44	31	230,0	1
9240TR1	G1"	25	32	15	62	69	57	38	415,0	1



N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	O'Ring - o'ring	NBR	
7	Rondella - seal	PTFE	
8	Premistoppa - packing nut	Ottone - brass CW 614N UNI EN 12164/98	
9	Leva / Farfalla - lever/butterfly	Acciaio - steel	Rivest. PVC - plastic coated
10	Dado - nut	Acciaio - steel	Zincato - zinc plated



DATI TECNICI

Applicazioni	impianti idraulici, installazioni idrotermosanitarie, aria compressa e impianti di irrigazione
Pressione d'Esercizio	da 1/4" a 1": 32 Bar da 1 1/4" a 2": 25 Bar da 2 1/2" a 4": 16 Bar
Temperatura d'Esercizio	-10°C + 110°C
Filettatura d'Estremità	UNI ISO 228/1

Technical specifications

applications	hydraulics, sanitary, irrigation and compressed air industries
working pressure	from 1/4" to 1": 32 Bar from 1 1/4" to 2": 25 Bar from 2 1/2" to 4": 16 Bar
working temperature	-10°C + 110°C
threaded ends	UNI ISO 228/1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

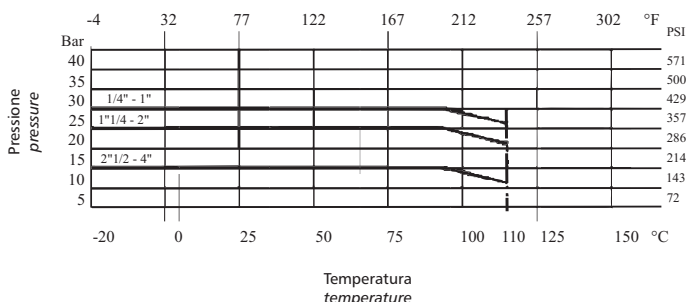
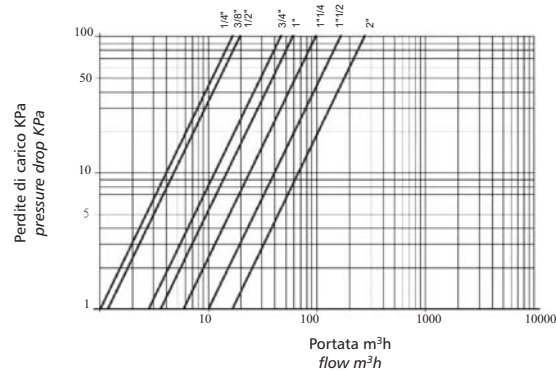


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

1/4"-10	3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50	2 1/2"-61	3"-74	4"-95
15	15	20	45	60	100	170	265	510	790	1230



ACS

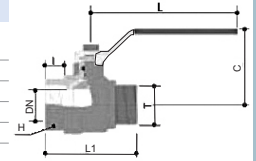
VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera a passaggio totale, attacchi filettati BSPP M/F - leva blu
full bore ball valve, threaded ends BSPP M/F - blue lever

9220



CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9220TR14	G1/4"	10	32	9	83	48	35	17	115,0	1
9220TR38	G3/8"	10	32	9	83	48	36	20	120,0	1
9220TR12	G1/2"	15	32	11	90	48	42	25	170,0	1
9220TR34	G3/4"	20	32	13	90	58	44	31	260,0	1
9220TR1	G1"	25	32	15	105	69	57	38	410,0	1
9220TR114	G1"-1/4"	32	25	17	105	80	61	47	620,0	1
9220TR112	G1"-1/2"	40	25	18	150	91	72	54	930,0	1
9220TR2	G2"	50	25	20,5	150	108	77	66	1430,0	1



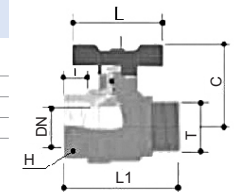
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It's available on demand the degreased version for use with oxygen (white lever)

valvola a sfera a passaggio totale, attacchi filettati BSPP M/F - leva blu a farfalla
full bore ball valve, threaded ends BSPP M/F - blue butterfly lever

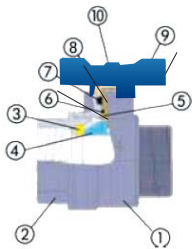
9250



CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9250TR14	G1/4"	10	32	9	52	48	35	17	115,0	1
9250TR38	G3/8"	10	32	9	52	48	36	20	120,0	1
9250TR12	G1/2"	15	32	11	52	48	42	25	170,0	1
9250TR34	G3/4"	20	32	13	52	58	44	31	235,0	1
9250TR1	G1"	25	32	15	62	69	57	38	380,0	1



N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	O'Ring - o'ring	NBR	
7	Rondella - seal	PTFE	
8	Premistoppa - packing nut	Ottone - brass CW 614N UNI EN 12164/98	
9	Leva / Farfalla - lever/butterfly	Acciaio - steel	Rivest. PVC - plastic coated
10	Dado - nut	Acciaio - steel	Zincato - zinc plated



DATI TECNICI

Applicazioni: impianti idraulici, installazioni idrotermosanitarie, aria compressa ed impianti di irrigazione
Pressione d'Esercizio: da 1/4" a 1": 32 Bar da 1 1/4" a 2": 25 Bar
Temperatura d'Esercizio: -10°C + 110°C
Filettatura d'Estremità: UNI ISO 228/1

Technical specifications

applications hydraulics, sanitary, irrigation and compressed air industries
working pressure from 1/4" to 1": 32 Bar from 1 1/4" to 2": 25 Bar
working temperature -10°C + 110°C
threaded ends UNI ISO 228/1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

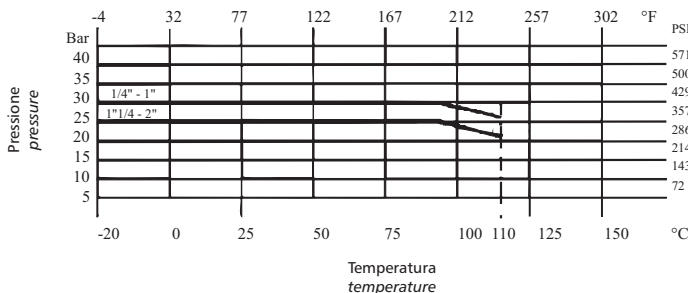
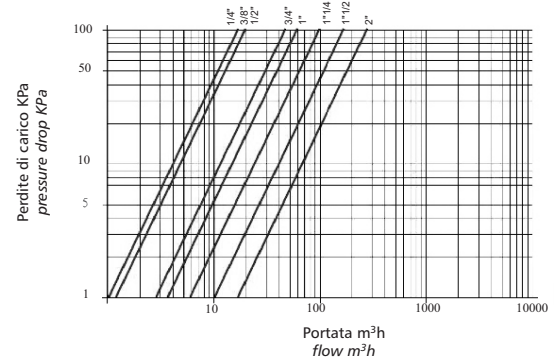


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

1/4"-10	3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
15	15	20	45	60	100	170	265

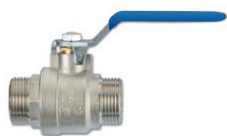


ACS

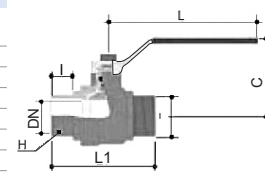
VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera a passaggio totale, attacchi filettati BSPP M/M - leva blu
full bore ball valve, threaded ends BSPP M/M - blue lever

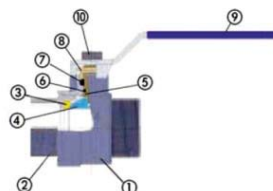
9230



CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9230TR14 new	G1/4"	10	32	9	83	-	35	17	120,0	1
9230TR38	G3/8"	10	32	9	83	51	36	20	120,0	1
9230TR12	G1/2"	15	32	11	90	57	42	25	190,0	1
9230TR34	G3/4"	20	32	13	90	65	44	31	275,0	1
9230TR1	G1"	25	32	15	105	77	57	38	430,0	1
9230TR114	G1"-1/4"	32	25	17	105	89	61	47	780,0	1
9230TR112	G1"-1/2"	40	25	18	150	102	72	54	1150,0	1
9230TR2	G2"	50	25	20,5	150	117	77	66	1700,0	1



Su richiesta è disponibile nella versione sgrassata per utilizzo con ossigeno (leva bianca)
It's available on demand the degreased version for use with oxygen (white lever)

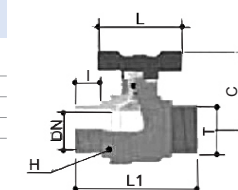


valvola a sfera a passaggio totale, attacchi filettati gas M/M - leva blu a farfalla
full bore ball valve, threaded ends M/M - blue butterfly lever

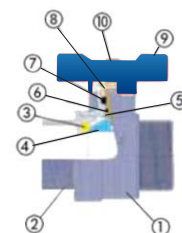
9260



CODE	T	DN	PN (Bar)	I	L	L1	C	H (Hex)	Peso weight(g)	
9260TR14 new	G1/4"	10	32	9	52	52	36	35	120,0	1
9260TR38	G3/8"	10	32	9	52	51	36	20	120,0	1
9260TR12	G1/2"	15	32	11	52	57	42	25	170,0	1
9260TR34	G3/4"	20	32	13	52	65	44	31	260,0	1
9260TR1	G1"	25	32	15	62	77	57	38	463,0	1



N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	O'Ring - o'ring	NBR	
7	Rondella - seal	PTFE	
8	Premistoppa - packing nut	Ottone - brass CW 614N UNI EN 12164/98	
9	Leva / Farfalla - lever/butterfly	Acciaio - steel	Rivest. PVC - plastic coated
10	Dado - nut	Acciaio - steel	Zincato - zinc plated



DATI TECNICI

Applicazioni impianti idraulici, installazioni idrotermosanitarie, aria compressa ed impianti di irrigazione
Pressioned'Esercizio da 1/4" a 1": 32 Bar
da 1 1/4" a 2": 25 Bar
Temperatura d'Esercizio -10°C + 110°C
Filettatura d'Estremità UNI ISO 228/1

Technical specifications

applications hydraulics, sanitary, irrigation and compressed air industries
working pressure from 1/4" to 1": 32 Bar
from 1 1/4" to 2": 25 Bar
working temperature -10°C + 110°C
threaded ends UNI ISO 228/1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

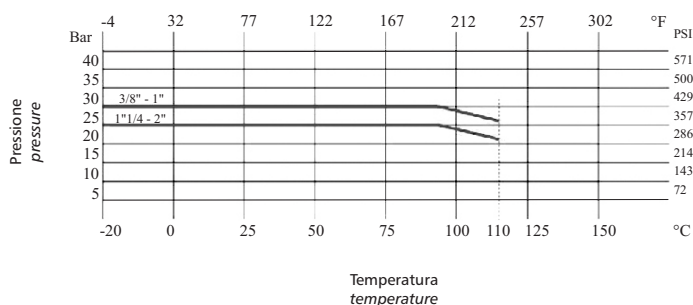
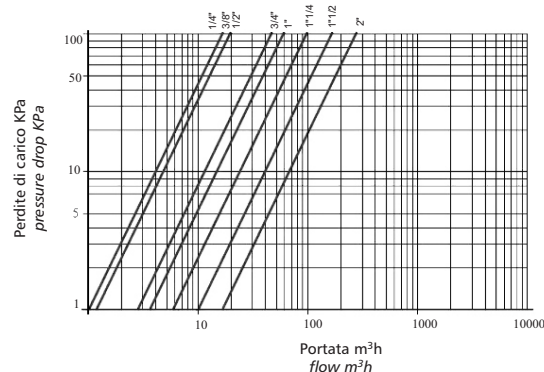


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

1/4"-10	3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
15	15	20	45	60	100	170	265



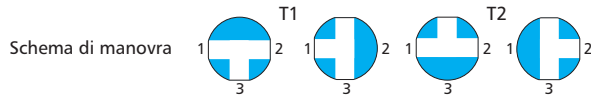
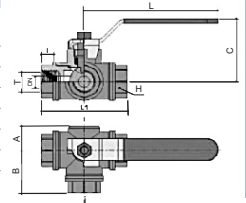
VALVOLE A SFERA IN OTTONE • brass ball valves

valvola a sfera a tre vie a passaggio ridotto, **SFERA FORATA A T**, attacchi filettati BSPP F/F/F - leva rossa
three ways reduced bore ball valve **T PORT**, threaded ends BSPP F/F/F - red lever

9270



CODE	T	DN	PN (Bar)	I	L	L1	C	A	B	H (Hex)	Peso weight(g)	
9270TR14	G1/4"	10	32	12	90	74	58	22	37	22	450,0	1
9270TR38	G3/8"	10	32	12	90	74	58	22	37	22	420,0	1
9270TR12	G1/2"	12	32	14	125	80	60	24	39	29	660,0	1
9270TR34	G3/4"	15	32	16	125	90	64	28	46	34	870,0	1
9270TR1	G1"	20	32	19	140	105	73	31	52	42	1530,0	1
9270TR114	G1"-1/4"	25	25	21	140	115	79	35	58	50	1840,0	1
9270TR112	G1"-1/2"	32	25	23	220	138	100	42	69	57	3650,0	1
9270TR2	G2"	40	25	26	220	161	105	48	80	68	5170,0	1

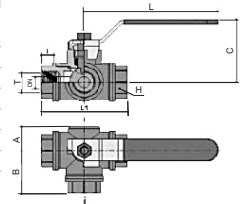


valvola a sfera a tre vie a passaggio ridotto, **SFERA FORATA A L**, attacchi filettati BSPP F/F/F - leva rossa
three ways reduced bore ball valve **L PORT**, threaded ends BSPP F/F/F - red lever

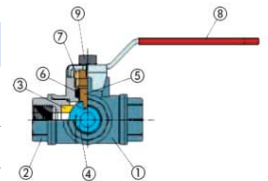
9280



CODE	T	DN	PN (Bar)	I	L	L1	C	A	B	H (Hex)	Peso weight(g)	
9280TR14	G1/4"	10	32	12	90	74	58	22	37	22	450,0	1
9280TR38	G3/8"	10	32	12	90	74	58	22	37	22	420,0	1
9280TR12	G1/2"	12	32	14	125	80	60	24	39	29	650,0	1
9280TR34	G3/4"	15	32	16	125	90	64	28	46	34	860,0	1
9280TR1	G1"	20	32	19	140	105	73	31	52	42	1490,0	1
9280TR114	G1"-1/4"	25	25	21	140	115	79	35	58	50	1790,0	1
9280TR112	G1"-1/2"	32	25	23	220	138	100	42	69	57	3610,0	1
9280TR2	G2"	40	25	26	220	161	105	48	80	68	5200,0	1



N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 617N UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	Guarniz. asta - stem seat	PTFE	
7	Premistoppa - packing nut	Ottone - brass CW 614N UNI EN 12164/98	
8	Leva - lever	Acciaio - steel	Rivest. PVC - plastic coated
9	Dado - nut	Acciaio - steel	Zincato - zinc plated



DATI TECNICI

Applicazioni impianti idraulici, installazioni idrotermosanitarie, aria compressa ed impianti di irrigazione
Pressione d'Esercizio da 1/4" a 1": 32 Bar
da 1" 1/4" a 2": 25 Bar
Temperatura d'Esercizio -20°C +150°C
Filettatura d'Estremità: UNI ISO 228/1

Technical specifications

applications hydraulics, sanitary, irrigation and compressed air industries
working pressure from 1/4" to 1": 32 Bar
from 1" 1/4" to 2": 25 Bar
working temperature -20°C +150°C
threaded ends UNI ISO 228/1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

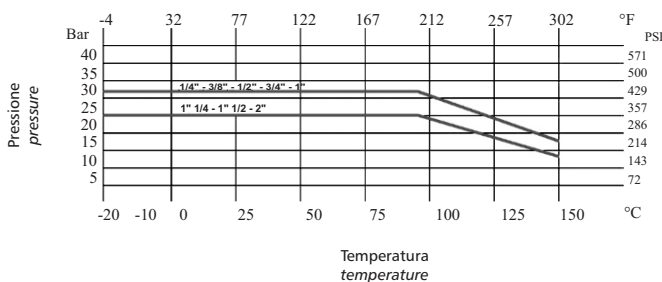
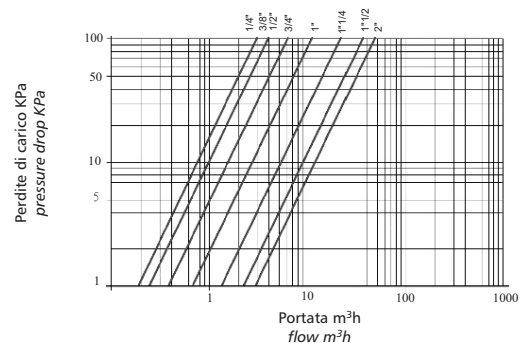


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

1/4"-10	3/8"-10	1/2"-12	3/4"-15	1"-20	1"1/4"-25	1"1/2"-32	2"-40
3	3	4	6	12	21	35	47

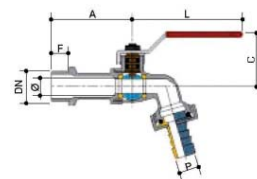
VALVOLE A SFERA IN OTTONE • *brass ball valves*

rubinetto di erogazione a sfera con portagomma
ball bibcock with hose connector

9285

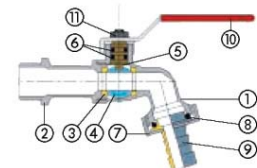


CODE	T	DN	PN (Bar)	I	L	L1	A	P	C	Peso weight(g)	
9285TR38	G3/8"	12	16	10,0	82	51	52	14	38	185,0	1
9285TR12	G1/2"	16	16	11,5	82	51	54	14	38	190,0	1
9285TR34	G3/4"	20	16	14,0	82	51	62	20	40	250,0	1
9285TR1	G1"	26	16	16,0	82	51	69	26	44	425,0	1



NEW

N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo - body	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
2	Manicotto - body end	Ottone - brass CW 617N UNI EN 12165/98	Nichelato - nickel plated
3	Seggio - seat	PTFE	
4	Sfera - ball	Ottone - brass CW 614N UNI EN 12165/98	Cromata - chrome plated
5	Asta - stem	Ottone - brass CW 614N UNI EN 12164/98	
6	O'Ring - o'ring	NBR	
7	Girello - hose tall nut	Ottone - brass CW 614N UNI EN 12164/98	
8	O'ring girello - hose tall nut	NBR	
9	Portagomma - hose connector	Ottone - brass CW 614N UNI EN 12164/98	
10	Leva - lever	Acciaio - steel	Rivest. PVC - plastic coated
11	Dado - nut	Acciaio - steel	Zincato - zinc plated



DATI TECNICI

Applicazioni acqua
Pressione d'Esercizio 16 Bar
Temperatura d'Esercizio -10°C + 110°C
Filettatura d'Estremità UNI ISO 228/1

Technical specifications

applications water
working pressure 16 Bar
working temperature -10°C + 110°C
threaded ends UNI ISO 228/1

9611



valvola scarico condensa filetto maschio • *drain valve male thread*

CODE	T	
9611TR18	1/8"	10
9611TR14	1/4"	10
9611R38	3/8"	10
9611TR12	1/2"	10

NEW

9612



valvola di sicurezza • *safety valve*

CODE	T	
9612TR14	1/4"	10
9612TR38	3/8"	10
9612TR12	1/2"	10
9612TR34	3/4"	10

NEW