

## VALVOLE A SFERA INOX AISI 316

### *ball valves INOX AISI 316*

#### VALVOLE A SFERA - *ball valves*

##### DATI TECNICI

Applicazioni	Impianti Industriali, Chimici ed Alimentari
Materiali utilizzati	INOX AISI 316
Filettature	vedi scheda tecnica
Pressione d'esercizio max	vedi scheda tecnica
Temperatura d'esercizio	vedi scheda tecnica

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

##### *Technical specifications*

<i>applications</i>	<i>industrial, chemical and food plants</i>
<i>materials used</i>	<i>INOX AISI 316</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 INOX AISI 316 • ball valves INOX AISI 316

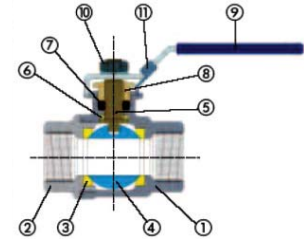
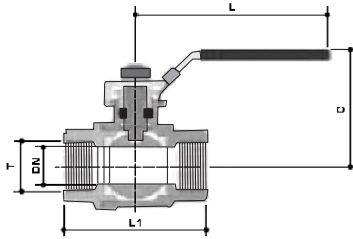
valvola a sfera a passaggio totale INOX AISI 316, attacchi filettati BSPP F/F - leva blu  
full bore ball valve INOX AISI 316, threaded ends BSPP F/F - blue lever

9320

CODE	T	DN	PN (Bar)	L	L1	C	Peso weight(g)	
9320TR14	G1/4"	11,5	85	100	49,0	48	230,0	1
9320TR38	G3/8"	12,5	85	100	49,0	48	230,0	1
9320TR12	G1/2"	15,0	85	100	55,0	52	260,0	1
9320TR34	G3/4"	20,0	85	115	66,0	57	480,0	1
9320TR1	G1"	25,0	85	150	78,5	75	650,0	1
9320TR114	G1"-1/4"	32,0	70	150	90,0	80	1140,0	1
9320TR112	G1"-1/2"	38,0	70	180	98,5	95	1650,0	1
9320TR2	G2"	50,0	65	180	120,0	96	2750,0	1
9320TR212	G2"-1/2"	62,0	65	245	147,0	125	4900,0	1
9320TR3	G3"	76,0	65	245	172,0	135	7700,0	1
9320TR4	G4"	94,0	65	278	220,0	160	16100,0	1



Su richiesta è disponibile con filetto NPT  
It's available on demand with NPT thread



N°	Denominazione • partname	Materiale • materials	Tattamento • treatment
1	Corpo - body	AISI 316	
2	Manicotto - body end	AISI 316	
3	Seggio - seat	PTFE caricato 15% vetro PTFE 15% glassfiber	
4	Sfera - ball	AISI 316	
5	Asta - stem	AISI 316	
6	Rondella - seal	PTFE	
7	Guarniz. asta - stem seat	PTFE	
8	Premistoppa - packing nut	AISI 304	
9	Leva - lever	AISI 304	Rivest.PVC - plastic coated
10	Dado - nut	AISI 304	
11	Bloccaggio - locking	AISI 304	

DATI TECNICI

Applicazioni: impianti industriali, chimici ed alimentari  
 Pressione d'Esercizio: da 1/4" a 1": 85 Bar; da 1"1/4" a 1"1/2": 70 Bar; da 2" a 4": 65 Bar  
 Temperatura d'Esercizio: -40°C + 220°C  
 Filettatura d'Estremità: UNI ISO 228/1

Technical specifications

applications: industrial, chemical and food plants  
 working pressure: from 1/4" to 1": 65 Bar; from 1"1/4" to 1"1/2": 70 Bar; from 2" to 4": 65 Bar  
 working temperature: -40°C + 220°C  
 threaded ends: UNI ISO 228/1

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

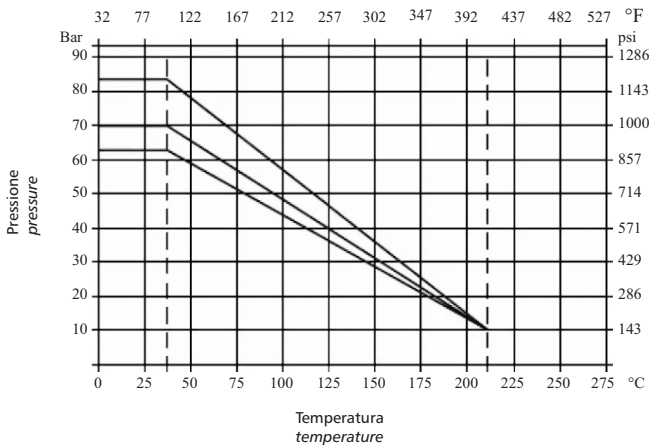
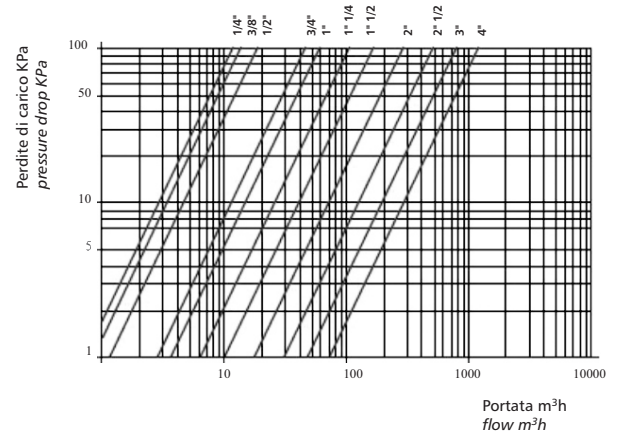


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

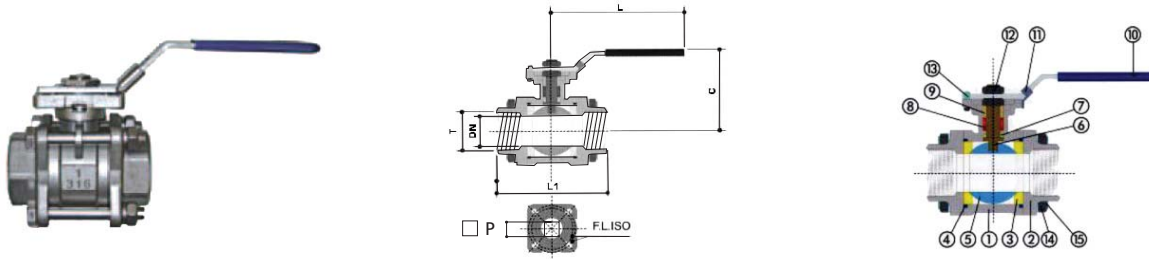
1/4"-11,5	3/8"-12,5	1/2"-15	3/4"-20	1"-25	1"1/4"-32	1"1/2"-38	2"-50	2"1/2"-62	3"-76	4"-94
16	18	20	45	60	100	170	265	510	790	1230

VALVOLE A SFERA INOX AISI 316 • ball valves INOX AISI 316

valvola a sfera a passaggio totale in tre pezzi INOX AISI 316, attacchi filettati gas F/F BSPT, flangia ISO 5211 - leva blu  
 three pieces full bore ball valve INOX AISI 316, threaded ends BSPT F/F, ISO 5211 mounting pad - blue lever

9325

CODE	T	DN	PN (Bar)	L	L1	C	FL. ISO	P	Peso weight(g)
9325TR14	R1/4"	11,0	85	117	48	62	F03	9	380,0
9325TR38	R3/8"	12,7	85	117	48	63	F03	9	380,0
9325TR12	R1/2"	15,0	85	117	55	68	F03	9	420,0
9325TR34	R3/4"	20,0	85	135	74	72	F04/F05	11	820,0
9325TR1	R1"	25,0	85	135	81	75	F04/F05	11	1050,0
9325TR114	R1"-1/4"	32,0	70	203	91	90	F05/F07	14	1840,0
9325TR112	R1"-1/2"	40,0	70	203	103	95	F05/F07	14	2530,0
9325TR2	R2"	50,0	65	203	120	102	F05/F07	14	3520,0
9325TR212	R2"-1/2"	65,0	65	260	142	140	F07/F10	17	8800,0
9325TR3	R3"	80,0	65	260	182	162	F07/F10	17	12600,0
9325TR4	R4"	100,0	65	280	220	170	F07/F10	17	19450,0



N°	Denominazione • partname	Materiale • materials	Trattamento • treatment
1	Corpo - body	AISI 316	
2	Manicotto - body end	AISI 316	
3	Seggio - seat	caricato vetro PTFE PTFE 15% glassfiber	
4	Guarniz. corpo - body seat	PTFE	
5	Sfera - ball	AISI 316	
6	Asta - stem	AISI 316	
7	Rondella - seal	PTFE	
8	Guarniz. asta - stem seat	PTFE	
9	Premistoppa - packing nut	AISI 304	
10	Leva - lever	AISI 304	Rivest.PVC - plastic coated
11	Bloccaggio - locking	AISI 304	
12	Dado - nut	AISI 304	
13	Arresto - stop pln	AISI 304	
14	Dado - nut	AISI 304	
15	Bullone - bolt	AISI 304	

DATI TECNICI

Applicazioni: impianti industriali, chimici ed alimentari  
 Pressione d'Esercizio: da 1/4" a 1": 85 Bar, da 1"1/4" a 1"1/2": 70 Bar, da 2" a 4": 65 Bar  
 Temperatura d'Esercizio: -40°C + 220°C  
 Filettatura d'Estremità: UNI ISO 7/1 R

Technical specifications

applications: industrial, chemical and food plants  
 working pressure: from 1/4" to 1": 85 Bar, from 1"1/4" to 1"1/2": 70 Bar, from 2" to 4": 65 Bar  
 working temperature: -40°C + 220°C  
 threaded ends: UNI ISO 7/1 R

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

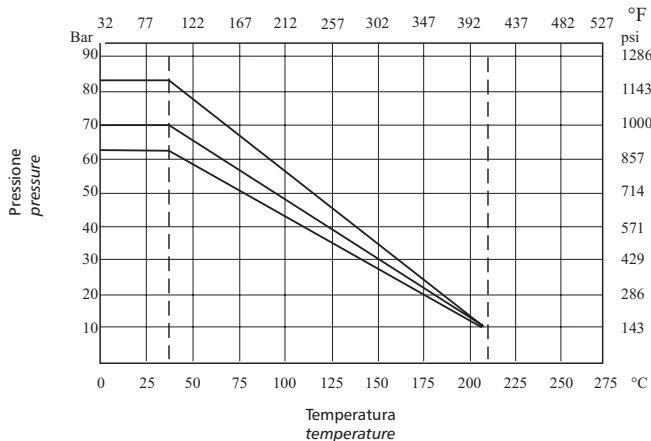
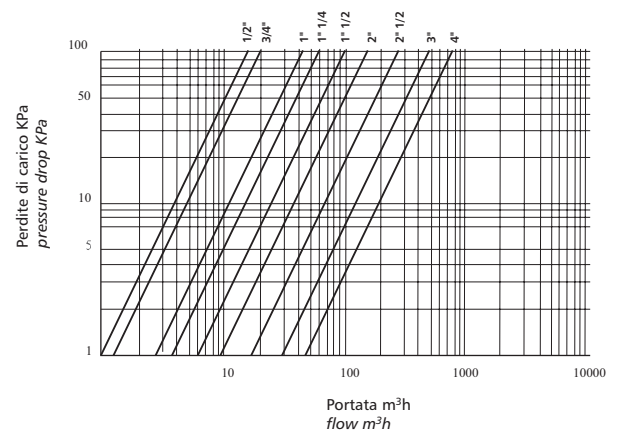


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

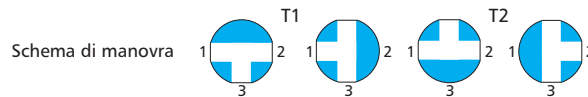
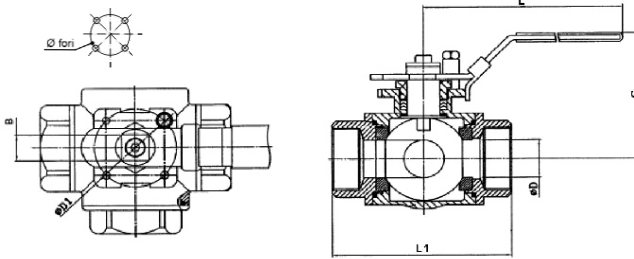
1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"	4"
15	15	20	45	60	100	170	265	510	790	1230

**VALVOLE A SFERA INOX AISI 316 • ball valves INOX AISI 316**

 valvola a sfera a passaggio ridotto a tre vie INOX AISI 316, SFERA FORATA A T, attacchi filettati F/F/F BSPP, flangia ISO 5211 - leva rossa  
 three ways reduced bore ball valve as T PORT INOX AISI 316, threaded ends BSPP F/F/F, ISO 5211 mounting pad - red lever

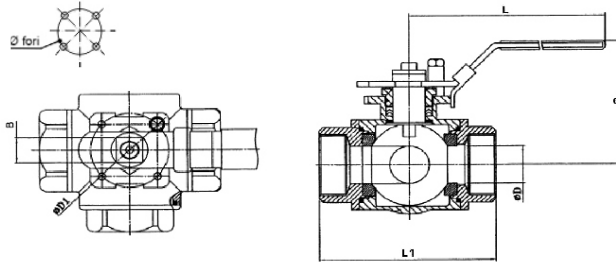
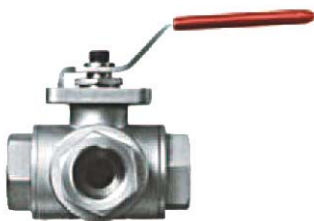
**9340**

CODE	T	DN	PN (Bar)	L	L1	D1	P	C	Peso weight(g)	
9340TR14	G1/4"	11	40	124,0	69	42	9	52	780,0	1
9340TR38	G3/8"	11	40	124,0	69	42	9	58	770,0	1
9340TR12	G1/2"	13	40	124,0	75	42	9	51	690,0	1
9340TR34	G3/4"	16	40	168,0	86	50	11	71	1136,0	1
9340TR1	G1"	20	40	168,0	102	50	11	70	1764,0	1
9340TR114	G1"-1/4"	25	40	198,0	118	50	11	88	2780,0	1
9340TR112	G1"-1/2"	32	40	194,0	126	70	11	100	4000,0	1
9340TR2	G2"	38	40	215,0	149	70	14	110	6800,0	1


 valvola a sfera a passaggio ridotto a tre vie inox AISI 316, SFERA FORATA A L, attacchi filettati F/F/F BSPP, flangia ISO 5211 - leva rossa  
 three ways reduced bore ball valve as L PORT INOX AISI 316, threaded ends BSPP F/F/F, ISO 5211 mounting pad - red lever

**9342**

CODE	T	DN	PN (Bar)	I	L1	D1	B	C	Peso weight(g)	
9342TR14	G1/4"	11	40	124,0	69	42	9	52	834,0	1
9342TR38	G3/8"	11	40	124,0	69	42	9	58	774,0	1
9342TR12	G1/2"	13	40	124,0	75	42	9	51	680,0	1
9342TR34	G3/4"	16	40	168,0	86	50	11	71	1126,0	1
9342TR1	G1"	20	40	168,0	102	50	11	70	1792,0	1
9342TR114	G1"-1/4"	25	40	198,0	118	50	11	88	2710,0	1
9342TR112	G1"-1/2"	32	40	194,0	126	70	11	100	3930,0	1
9342TR2	G2"	38	40	215,0	149	70	14	110	6800,0	1



Denominazione • partname	Materiale • materials
Corpo - body	AISI 316
Vie - ways	AISI 316
Sfera - ball	AISI 316
Asta - stem	AISI 316
Seggio - seat	PTFE
Guarniz. asta -stem seat	PTFE
Guarniz. corpo - body seat	PTFE
Leva - lever	AISI 304

**DATI TECNICI**

Applicazioni	impianti industriali, chimici ed alimentari
Pressione d'Esercizio	40 Bar
Temperatura d'Esercizio	-20°C + 140°C
Filettatura d'Estremità	UNI ISO 228/1

**Technical specifications**

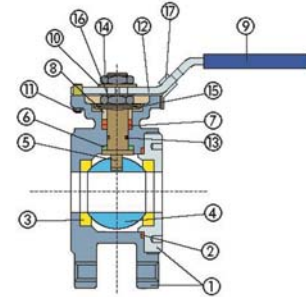
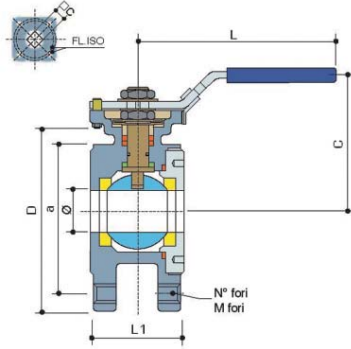
applications	industrial, chemical and food plants
working pressure	40 Bar
working temperature	-20°C + 140°C
threaded ends	UNI ISO 228/1

VALVOLE A SFERA INOX AISI 316 • ball valves INOX AISI 316

valvola a sfera a corpo piatto flangiata PN16 INOX AISI 316 BSPP - leva blu  
ball valve INOX AISI 316, flanged ends PN16 BSPP thread - blue lever

9350

CODE	DN	PN(Bar)	L	L1	D	a	C	N° Fori N° holes	M Fori M holes	FL.ISO	P	Ø Fori-holes	Peso weight(g)	
9350TR1	25	16	170	50	115	85	95	4	M12	F04/F05	11	42	2600,0	1
9350TR114	32	16	170	53	140	100	100	4	M16	F04/F05	11	42	2800,0	1
9350TR112	40	16	210	65	150	110	105	4	M16	F05/F07	14	50	4700,0	1
9350TR2	50	16	210	78	165	125	115	4	M16	F05/F07	14	50	6800,0	1
9350TR212	65	16	260	98	180	145	130	4	M16	F07/F10	17	70	10700,0	1
9350TR3	76	16	260	118	200	160	195	8	M16	F07/F10	17	70	14000,0	1
9350TR4	94	16	260	140	220	180	175	8	M16	F07/F10	17	102	24000,0	1



NEW

N°	Denominazione - partname	Materiale - materials	Trattamento - treatment
1	Corpo/Flangia - body/flange	AISI 316	
2	Guarnizione Corpo - body seal	PTFE	
3	Seggio - seat	PTFE caricato 15% vetro PTFE 15% glassfiber	
4	Sfera - ball	AISI316	
5	Asta - stem	AISI 316	
6	Rondella - seal	PTFE	
7	Guarniz. asta -stem seat	PTFE	
8	Premistoppa - packing nut	AISI 304	
9	Leva - lever	AISI 304	
10	Rondella - washer	AISI 304	Rivest.PVC - plastic coated
11	Dado - nut	AISI 304	
12	Arresto - stop pln	AISI 304	
13	O'ring	VITON	
14	Dado - nut	AISI 304	
15	Molla a tazza - belleville washer	AISI 301	
16	Rondella di fermo - tab washer	AISI 304	
17	Bloccaggio - locking		

DATI TECNICI

Applicazioni: impianti industriali, chimici ed alimentari  
 Pressione d' Esercizio: 16 Bar  
 Temperatura d'Esercizio: -20°C +220°C  
 Filettatura d'Estremità: UNI EN 1092/03  
 Flangia: ISO 5211

Technical specifications

applications: industrial, chemical and food plants  
 working pressure: 16 Bar  
 working temperature: -20°C +220°C  
 threaded ends: UNI EN 1092/03  
 top for actuator: ISO 5211

GRAFICO PRESSIONE/TEMPERATURA • pressure/temperature chart

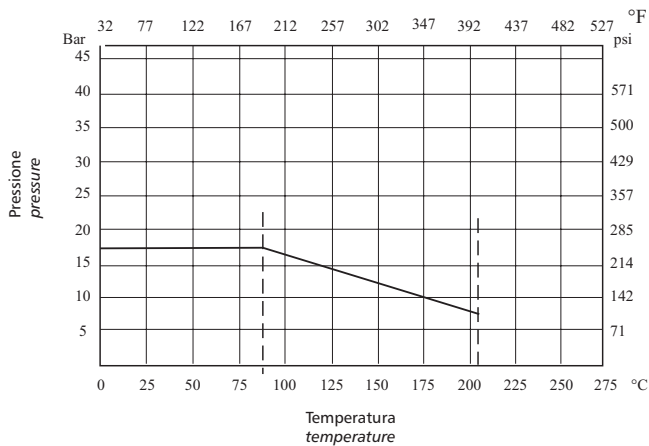
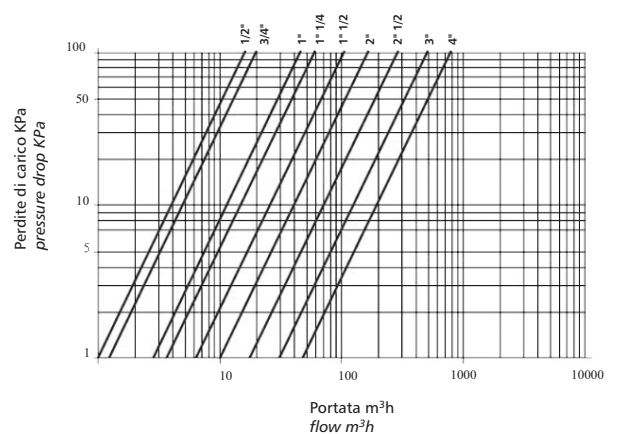


DIAGRAMMA PERDITE DI CARICO • flow & pressure drop chart



COEFFICIENTE KW - kw factor

DN 25	DN 32	DN 40	DN 50	DN 65	DN 76	DN 94
60	100	170	265	510	790	1230