

Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves
Kugelhähne Edelstahl AISI 316

Dati tecnici valvole di scarico rapido

Quick exhaust valves technical data
Technischen Daten der Schnellentlüftungsventil

Applicazioni

Le valvole VX consentono, se montate su di un cilindro pneumatico, di scaricare rapidamente la pressione in esso contenuta. Scaricando l'aria direttamente sulle testate si aumentano le velocità, quindi i tempi macchina.

Applications

When mounted on a pneumatic cylinder, the quick exhaust valves VX permit the quick discharge of the pressure in them. If the valves discharge directly on the heads of the cylinder the speed will increase, as well the cycles of the machine.

Anwendungen

VX Ventile erlauben, wenn auf einem pneumatischen Zylinder montiert, schnell zu entladen den Druck in ihr enthalten ist. Entladen der Luft direkt auf die Köpfe erhöhen die Geschwindigkeit, dann die Maschinen Zeit.

Filettatura

BSPP cilindrica UNI-ISO228

Thread types

BSPP cylindrical UNI-ISO228

Gewinden

BSPP zylindrisch UNI-ISO228

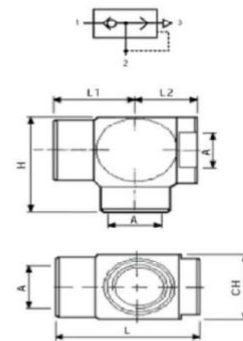
DIMENSIONI Dimension - Größe	DN (MM)	PN (BAR)	MATERIALI Materials - Werkstoffen	°C
1/8"	8	2 ÷ 10	S.S. 316L	FKM -10 ÷ +120
1/4"	8			
3/8"	10			
1/2"	12			
3/4"	18			
1"	18			-20 ÷ +80

Valvola di scarico rapido F.F.S.S. AISI 316L

S.S AISI 316L quick exhaust valve
Schnellentlüftungsventil AISI 316L



Codice/Code	A"	L	L1	L2	H	CH	Kg	
VSR18X	G1/8	37.5	21	16.5	32	22	0.096	1
VSR14X	G1/4	37.5	21	16.5	32	22	0.082	1
VSR38X	G3/8	44.5	25.5	19	37	26	0.138	1
VSR12X	G1/2	54	23	31	45	32	0.236	1
VSR34X	G3/4	79	35	44	65	46	0.812	1
VSR1X	G1	79	35	44	65	46	0.67	1



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Dati tecnici rubinetti a sfera

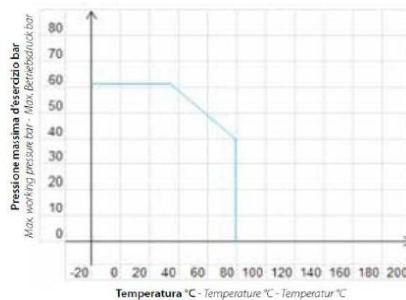
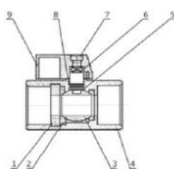
Hexagonal miniball valves

technical data

Technischen Daten der Kugelhähne

Descrizione Valvola a sfera, passaggio ridotto, corpo esagonale finitura lucida	Description Ball valve, reduced bore, hexagonal body gloss finish	Beschreibung Kugelhahn, reduzierter Durchgang, Sechskantschaft Glanz
Pressione max 63 bar (-20°C ÷ +35°C)	Max pressure 63 bar (-20°C ÷ +35°C)	Maximal Druck 63 bar (-20°C ÷ +35°C)
Range temperatura -20°C ÷ +80°C	Temperature -20°C ÷ +80°C	Temperatur -20°C ÷ +80°C
Fluidi veicolabili Solo quelli compatibili con la natura dei materiali	Fluid conveyable Only those that are compatible with the nature of the materials	Fluid förderbar Nur diejenigen, die mit der Art der Werkstoffen sind

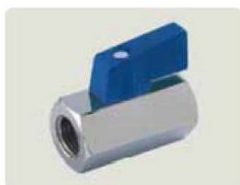
Pos.	Particolare Particular / Einzelheit	Materiale Material / Werkstoff
1	Coperchio - Cover - Decken	S.S. 316
2	Guarnizione sfera - Ball seat - Kugelsitz	RPTFE
3	Sfera - Ball - Kugel	S.S. 316
4	Corpo - Body - Körper	S.S. 316
5	Guarnizione alberino Shaft seal Wellendichtung	RPTFE
6	Alberino - Shaft - Wellen	S.S. 304
7	Vite - Screw - Schrauben	S.S. 304
8	O-ring - O-ring - O-Ringe	NBR
9	Leva - Lever - Hebel	Alluminio Aluminum Aluminium



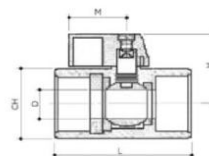
Rubinetto a sfera femmina-femmina AISI 316

INOX AISI 316 hexagonal mini ball valve female-female

Kugelhahn Edelstahl AISI 316



Codice/Code	Misura/Size	D	CH	M	H	L	
MB14FFX	G1/4	7	22	23	26.5	42	1
MB38FFX	G3/8	7	22	23	26.5	42	1
MB12FFX	G1/2	9.2	25	23	28.3	46.2	1



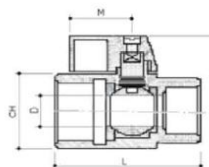
Rubinetto a sfera maschio-femmina AISI 316

INOX AISI 316 hexagonal mini ball valve male-female

Kugelhahn Edelstahl AISI 316



Codice/Code	Misura/Size	D	CH	M	H	L	
MB14MFX	G1/4	7	22	23	26.5	40	1
MB38MFX	G3/8	7	22	23	26.5	40.5	1
MB12MFX	G1/2	9.2	25	23	28.3	45.6	1



Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves
Kugelhähne Edelstahl AISI 316

{ Dati tecnici valvole unidirezionali acciaio }

Unidirectional valve technical data
Technischen Daten der Einweg Hähne

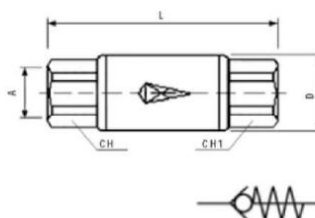
Applicazioni Liquidi e gas	Applications Liquid and gas	Anwendungen Fluss und Gas
Materiali Corpo Acciaio INOX AISI 316L Guarnizione FKM	Materials Body Stainless steel AISI 316L Seal FKM	Werkstoffen Körper Edelstahl AISI 316L Dichtung FKM
Pressione nominale 0,25 +40 bar	Nominal pressure 0,25 +40 bar	Druck 0,25 +40 bar
Temperatura d'esercizio -20°C ÷ +180°C	Working temperature -4°F ÷ +356°F	Betriebstemperatur -20°C ÷ +180°C
Filettatura BSPP cilindrica UNI-ISO228	Thread types BSPP cylindrical UNI-ISO228	Gewinde typ BSPP zylindrisch UNI-ISO228
Filetti Filettature da 1/8" a 1"	Threads Thread from 1/8" to 1"	Gewinde Gewinde von 1/8" bis 1"

Valvola unidirezionale AISI 316L F.F.

INOX AISI 316L unidirectional valve F.F.
Einweg Hähne Edelstahl AISI 316L



Codice/Code	A"	L	D	CH	CH1	■
VNR18X	G1/8	50	22	17	17	1
VNR14X	G1/4	50	22	17	17	1
VNR38X	G3/8	67	30	22	22	1
VNR12X	G1/2	71	30	24	24	1
VNR34X	G3/4	78	35	32	32	1
VNR1X	G1	90	42	38	38	1



Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves

Kugelhähne Edelstahl AISI 316

Dati tecnici rubinetto a spillo

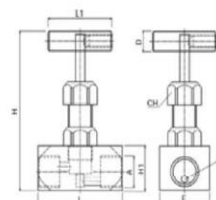
Needle valve technical data

Technischen Daten der Kugelhahn mit Knebel

Applicazioni Consentono l'intercezione e la regolazione di svariati fluidi compatibili con i materiali costituenti. Realizzati integralmente in acciaio INOX AISI 316L, possono veicolare diverse tipologie di fluidi anche aggressivi.	Application Can be used with different fluids compatible with the constituent materials. These valves are entirely made in stainless steel AISI 316L. Can be used with different aggressive fluids and gas.	Anwendungen Ermöglichen das Abfangen und die Regulierung der verschiedenen Flüssigkeiten kompatibel mit den Werkstoffen. Komplett aus Edelstahl AISI 316L tragen kann verschiedene Arten von Flüssigkeiten, auch aggressive.
Materiali Corpo Acciaio INOX AISI 316L Guarnizione PTFE + vetro	Materials Body Stainless steel AISI 316L Seal PTFE + glass	Werkstoffen Körper Edelstahl AISI 316L Dichtung PTFE + Glas
Pressione nominale 400 bar	Nominal pressure 400 bar	Druck 400 bar
Temperatura d'esercizio -20°C ÷ +180°C	Working temperature -4°F ÷ +356°F	Betriebstemperatur -20°C ÷ +180°C
Filettatura BSPP cilindrica UNI-ISO228	Thread types BSPP cylindrical UNI-ISO228	Gewinde typ BSPP zylindrisch UNI-ISO228
Filetti Filettature da 1/8" a 1/2"	Threads Thread from 1/8" to 1/2"	Gewinde Gewinde von 1/8" bis 1/2"



Rubinetto a spillo AISI 316L
INOX AISI 316L hexagonal needle valve
Kugelhahn mit Knebel AISI 316L



Codice/Code	A"	L	L1	H min/max	H1	E	CH	D	KG				
RS18FFX	G1/8	45	48	90/99	25	25	22	13	0.344				1
RS14FFX	G1/4	50	48	89/99	25	25	22	13	0.354				1
RS38FFX	G3/8	56	48	90/104	30	30	22	13	0.470				1
RS12FFX	G1/2	62	48	90/104	30	30	22	13	0.468				1

Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves
Kugelhähne Edelstahl AISI 316

Dati tecnici valvole a sfera

Ball valves technical data
Technische Daten der Kugelhähne Edelstahl

Applicazioni

Sono adatte per impianti industriali, chimici ed alimentari.

Valvola a sfera a passaggio totale, in acciaio INOX AISI 316, attacchi filettati F/F.

Standard leva blu

A richiesta filettatura NPT.

Application

Are suitable for use industrial, chemical and food plants.

Full bore ball valve, INOX AISI 316, threaded ends F/F.

Standard blue lever

On demand NPT threaded.

Anwendungen

Für Industrie-, Chemie- und Lebensmittelindustrie geeignet

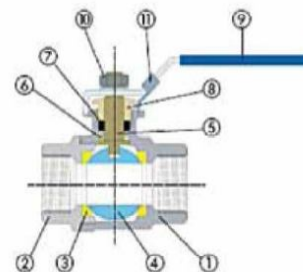
Kugelhahn voller Durchgang, Edelstahl AISI 316, Angriffe mit Gewinde F/F.

Standard blauen Hebel

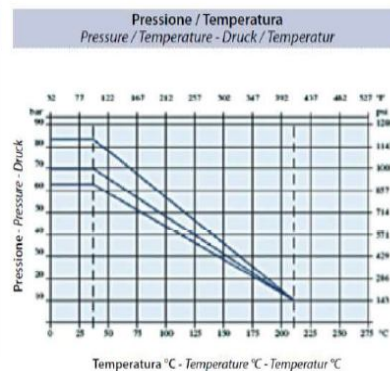
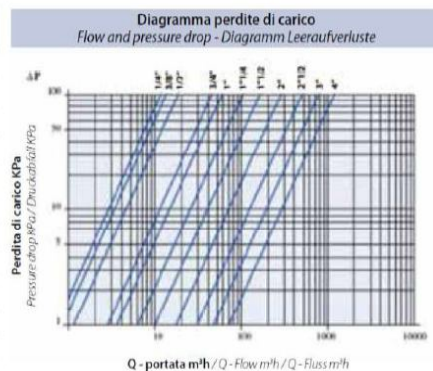
Auf Anfrage Gewinden NPT

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo - Body - Körper	AISI316	
2	Manicotto - Body end - Ärmel	AISI316	
3	Seggio - Seat - Sitz	PTFE caricato 15% vetro PTFE 15% glass fiber PTFE 15% Glas	
4	Sfera - Ball - Kugel	AISI316	
5	Asta - Stem - Stange	AISI316	
6	Rondella - Seal - Scheibe	PTFE	
7	Guarnizione asta Stem seat - Dichtung des Stange	PTFE	
8	Premistoppa Packing nut - Stopfbuchse	AISI304	
9	Maniglia - Handle - Griff	AISI304	Rivestimento PVC Plastic coated PVC
10	Dado - Nut - Mutter	AISI304	
11	Bloccaggio - Locking - Blockierung	AISI304	

Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 1" 85 bar 1 1/4" - 1 1/2" 70 bar 2" - 4" 65 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-40°C + +220°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1
Asta antisceppo Anti blow-out stem Stange Überdruck	



Coefficiente KW KW factor - Koeffizient KW	
1/4" - 11.6	16
3/8" - 12.7	18
1/2" - 15.0	20
3/4" - 20.0	45
1" - 25.0	60
1 1/4" - 32.0	100
1 1/2" - 40.0	170
2" - 50.0	265
2 1/2" - 65.0	510
3" - 76.0	790
4" - 94.0	1230



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INOX AISI 316 valves

Kugelhähne Edelstahl AISI 316

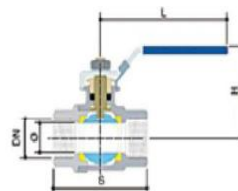


Valvola a sfera INOX AISI 316 F.F.

INOX AISI 316 ball valve F.F.

Kugelhähne Edelstahl AISI 316

Codice/Code	DN"	Ø	S	H	L			
VS14FFX	G1/4	11.5	49	48	100			1
VS38FFX	G3/8	12.5	49	48	100			1
VS12FFX	G1/2	15	55	52	100			1
VS34FFX	G3/4	20	66	57	115			1
VS1FFX	G1	25	78.5	75	150			1
VS114FFX	G1 1/4	32	90	80	150			1
VS112FFX	G1 1/2	38	98.5	95	180			1
VS2FFX	G2	50	120	96	180			1
VS212FFX	G2 1/2	62	147	125	245			1
VS3FFX	G3	76	172	135	245			1
VS4FFX	G4	94	220	160	278			1



Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves
Kugelhähne Edelstahl AISI 316

Dati tecnici valvole a sfera a tre vie passaggio ridotto

Three ways reduced bore ball valves technical data
Technische Daten der 3-Wege Kugelhähne Edelstahl

Applicazioni

Sono adatte per impianti industriali, chimici ed alimentari.

Valvola a sfera 3 vie a passaggio ridotto, in acciaio INOX AISI316, sfera forata a L o a T, attacchi filettati F/F/F.

Standard leva blu

Application

Are suitable for use industrial, chemical and food plants.

Three ways reduced bore ball valve, INOX AISI316 available as either L or T port. Threaded ends F/F/F.

Standard blue lever

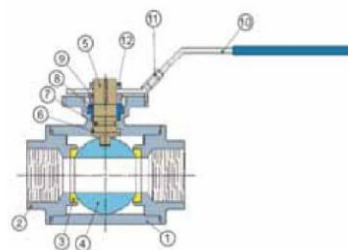
Anwendungen

Für Industrie-, Chemie-und Lebensmittelindustrie geeignet.

Kugelhahn 3-Wege reduziert Durchgang, Edelstahl AISI316, Kugel L oder T gebohrt, Angriffe mit Gewinde F/F/F.

Standard blauen Hebel

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo - Body - Körper	AISI 316	
2	Manicotto - Body end - Ärmel	AISI 316	
3	Seggio - Seat - Sitz	PPL	
4	Sfera - Ball - Kugel	AISI 316	
5	Asta - Stem - Stange	AISI 316	
6	Rondella - Washer - Scheibe	PPL	
7	O-ring - O-ring - O-ringe	FP	
8	Guarnizione asta Stem seat - Dichtung des Stange	PPL	
9	Premistoppa Packing nut - Stopfbuchse	AISI 304	
10	Maniglia - Handle - Griff	AISI 304	Rivestimento PVC Plastic coated PVC
11	Bloccaggio Locking Blockierung	AISI 304	
12	Dado - Nut - Mutter	Acciaio - Steel - Stahl	



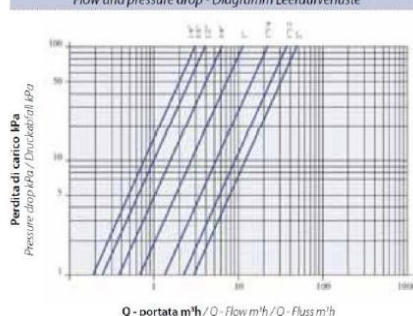
Dati tecnici Technical data - Technische Daten

Pressione di esercizio Working pressure Betriebsdruck	63 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-50°C + 250°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1

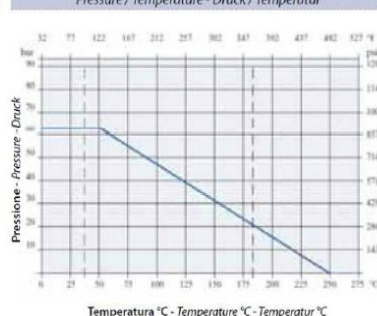
Coefficiente KW KW factor - Koeffizient KW

1/4" - 9.5	3
3/8" - 11	3
1/2" - 12	4
3/4" - 15	6
1" - 20	12
1 1/4" - 25	21
1 1/2" - 32	35
2" - 40	47

Diagramma perdite di carico Flow and pressure drop - Diagramm Leeraufverluste



Pressione / Temperatura Pressure / Temperature - Druck / Temperatur



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INOX AISI 316 valves

Kugelhähne Edelstahl AISI 316



Valvole a sfera INOX AISI 316 F.F.F. (forata a "L")

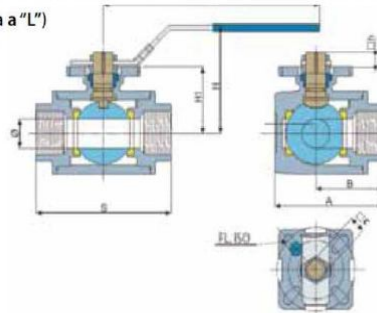
INOX AISI 316 Brass ball valves F.F.F. (Either "L")

L-Kugelhähne Edelstahl AISI 316 Drei-Wege

Schema di manovra

Operation draft

System der Handlungsspielraum



Codice/Code	DN"	Ø	S	A	B	H	H1	L	FL. ISO	□c	□h	■
VS14FFFLX	G1/4	9.5	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VS38FFFLX	G3/8	11	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VS12FFFLX	G1/2	12	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VS34FFFLX	G3/4	15	85	65.5	42.5	72	41.2	161	F04/05	11	11	1
VS1FFFLX	G1	20	100	79	50	77	46.5	161	F04/05	11	12	1
VS114FFFLX	G1 1/4	25	122	97	61	92	56	203	F05/07	14	13.5	1
VS112FFFLX	G1 1/2	32	131	106.5	65.5	96	60	203	F05/07	14	13.5	1
VS2FFFLX	G2	40	158	129	79	107	70.5	203	F05/07	14	13	1



Valvole a sfera INOX AISI 316 F.F.F. (forata a "T")

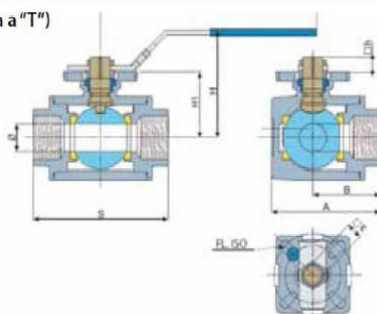
INOX AISI 316 Brass ball valves F.F.F. (Either "T")

T-Kugelhähne Edelstahl AISI 316 Drei-Wege

Schema di manovra

Operation draft

System der Handlungsspielraum



Codice/Code	DN"	Ø	S	A	B	H	H1	L	FL. ISO	□c	□h	■
VS14FFFTX	G1/4	9.5	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VS38FFFTX	G3/8	11	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VS12FFFTX	G1/2	12	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VS34FFFTX	G3/4	15	85	65.5	42.5	72	41.2	161	F04/05	11	11	1
VS1FFFTX	G1	20	100	79	50	77	46.5	161	F04/05	11	12	1
VS114FFFTX	G1 1/4	25	122	97	61	92	56	203	F05/07	14	13.5	1
VS112FFFTX	G1 1/2	32	131	106.5	65.5	96	60	203	F05/07	14	13.5	1
VS2FFFTX	G2	40	158	129	79	107	70.5	203	F05/07	14	13	1