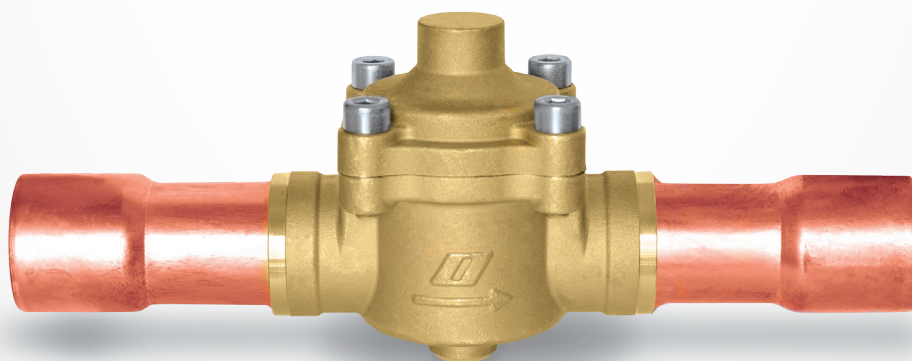


VALVOLE DI RITEGNO
FLUIDI REFRIGERANTI HCFC-HFC-HFO-HC

CHECK VALVES - REFRIGERANT FLUIDS HCFC-HFC-HFO-HC

SERIE 33000



SCHEMA DI CODIFICA

Schema di codifica valvole di ritegno serie 33000.

CODING SCHEME

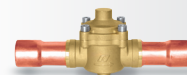
How to read the code of check valves 33000 series.

33000	-	TS	-	M10	-	D	-	2
Famiglia Family		Attacchi Connections		Misura tubo - Filetto Welding pocket size - Thread		Geometria Structure		Varianti Models
33000		TS		01 1/4"		D		2
Valvola di ritegno con tenuta in Teflon Pressione differenziale = 0.1 bar Check valve with Teflon seal Differential pressure = 0.1 bar		Tubo rame ODF a saldare ODF soldering copper pipe		02 3/8"		Ingresso-uscita diritto Straight inlet-outlet		O-ring in HNBR* HNBR* O-ring
33001		MM		03 1/2"				
Valvola di ritegno con tenuta in Teflon Pressione differenziale = 0.3 bar Check valve with Teflon seal Differential pressure = 0.3 bar		Attacco SAE FLARE maschio/maschio SAE FLARE male/male connection		04 5/8"				
33002		MF		05 3/4"				
Valvola di ritegno con tenuta in Teflon Pressione differenziale = 1.5 bar Check valve with Teflon seal Differential pressure = 1.5 bar		Attacco SAE FLARE maschio/femmina SAE FLARE male/female connection		M06 Ø6				
				M08 Ø8				
				M10 Ø10				
				M12 Ø12				
				M16 Ø16				
				M22 Ø22				



* Con guarnizioni in HNBR: utilizzabili con fluidi infiammabili
With HNBR gaskets: usable with flammable fluids

Nella versione standard la guarnizione è in Neoprene
Neoprene gasket for standard version



SCHEMA DI CODIFICA

Schema di codifica valvole di ritegno serie 33100.

CODING SCHEME

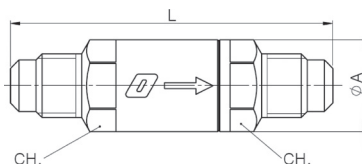
How to read the code of check valves 33100 series.

33100	-	TS	-	06	-	D
Famiglia Family		Attacchi Connections		Misura tubo - Filetto Welding pocket size - Thread		Geometria Structure
33100		TS		06	7/8" e 22	D
Valvola di ritegno con tenuta in Teflon Pressione differenziale = 0.1 bar Check valve with Teflon seal Differential pressure = 0.1 bar		Attacco tubo rame ODF a saldare con tubo saldato ODF soldering copper pipe with welded pipe		M28	28	Ingresso-uscita diritto Straight inlet-outlet
33101		TNS		08	1"1/8	A
Valvola di ritegno con tenuta in Teflon Pressione differenziale = 0.3 bar Check valve with Teflon seal Differential pressure = 0.3 bar		Attacco tubo rame ODF a saldare senza tubo saldato ODF soldering copper pipe without welded pipe		09	1"3/8 e 35	Ingresso-uscita ad angolo (90°) Anle inlet-outlet (90°)
33102				10	1"5/8	
Valvola di ritegno con tenuta in Teflon Pressione differenziale = 1.5 bar Check valve with Teflon seal Differential pressure = 1.5 bar				M42	42	
				11	2"1/8 e 54	

33000-MM-.-D

Valvola di ritegno
Check valve

Attacchi maschio - serie "MM"
Male connections - "MM" series



Codice Code	Attacchi Connections SAE FLARE	PS [bar]	Kv [m³/h]	Pd [bar]	TS (°C)		DIMENSIONI - DIMENSIONS		
					Min	Max	ØA [mm]	CH. [mm]	L [mm]
33000-MM-01-D	1/4	45	0,5	0.1	-35	105	16	14	57
33000-MM-02-D	3/8	45	1,5	0.1	-35	105	20	18	69
33000-MM-03-D	1/2	45	1,8	0.1	-35	105	22	20	73
33000-MM-04-D	5/8	45	3,3	0.1	-35	105	28	25	87
33000-MM-05-D	3/4	45	5,0	0.1	-35	105	33	30	100

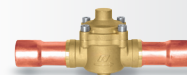


TS (°C) per versione in HNBR: -40°C ÷ +150°C

HNBR version TS(°C): -40°C ÷ +150°C

Disponibili anche con Pd 0.3 e 1.5 bar

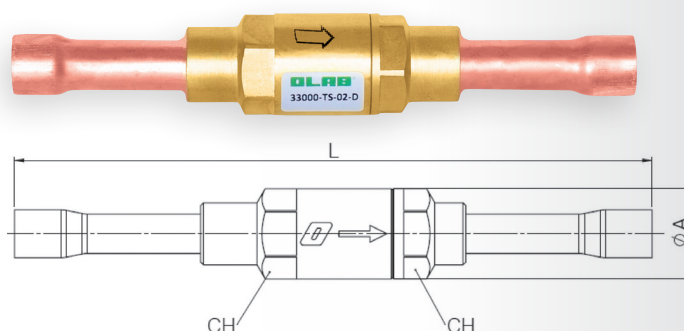
Available also with 0.3 and 1.5 bar Pd



33000-TS-...-D

Valvola di ritegno
Check valve

Attacco tubo rame - serie "TS"
Copper tube connections-"TS" series



Codice Code	Attacchi Connections		PS [bar]	Kv [m³/h]	Pd [bar]	TS (°C)		DIMENSIONI - DIMENSIONS		
	Ø [In]	Ø [mm]				Min	Max	ØA [mm]	CH. [mm]	L [mm]
33000-TS-M06-D		6	45	0,5	0.1	-35	105	16	14	113
33000-TS-01-D	1/4		45	0,5	0.1	-35	105	16	14	113
33000-TS-02-D	3/8		45	1,5	0.1	-35	105	20	18	122
33000-TS-M10-D		10	45	1,5	0.1	-35	105	20	18	122
33000-TS-M12-D		12	45	1,8	0.1	-35	105	22	20	133
33000-TS-03-D	1/2		45	1,8	0.1	-35	105	22	20	133
33000-TS-04-D	5/8	16	45	3,3	0.1	-35	105	33	30	159
33000-TS-M18-D		18	45	3,3	0.1	-35	105	33	30	159
33000-TS-05-D	3/4		45	5,0	0.1	-35	105	33	30	159
33000-TS-06-D	7/8		45	5,0	0.1	-35	105	33	30	159

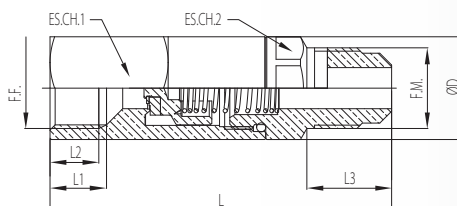


TS (°C) per versione in HNBR: -40°C ÷ +150°C
HNBR version TS(°C): -40°C ÷ +150°C

Disponibili anche con Pd 0.3 e 1.5 bar
Available also with 0.3 and 1.5 bar Pd

33000-FM

Valvole tarate per riserve d'olio
Oil reservoir pressure valve

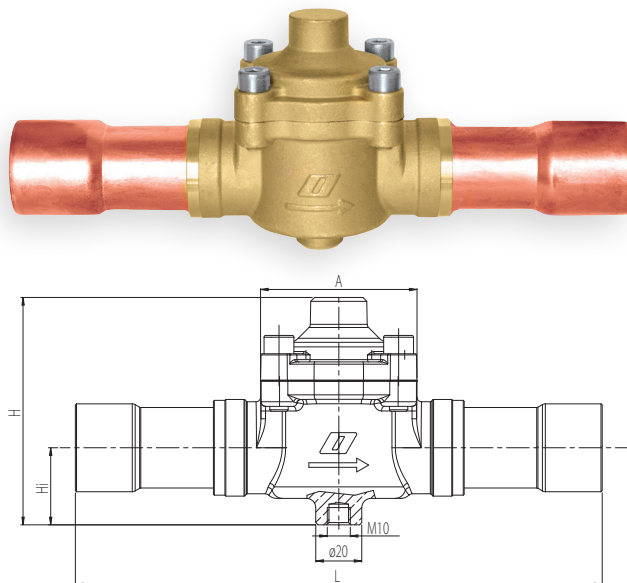


Codice Code	Connessione Connection SAE FLARE		Fattore KV Kv factor [m³/h]	Pressione differenziale Differential pressure [bar]	Pd [bar]	TS (°C)		DIMENSIONI - DIMENSIONS						
	In	Out				Min	Max	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ØD [mm]	ES.CH.1 [mm]	ES.CH.2 [mm]
33001-FM-02-D-2	3/8"-F	3/8"-M	1.5	0.3	45	-40	+150	66,5	11	9	16,5	20	20	18
33002-FM-02-D-2	3/8"-F	3/8"-M	1.5	1.5	45	-40	+150	66,5	11	9	16,5	20	20	18
33003-FM-02-D-2	3/8"-F	3/8"-M	1.5	3	45	-40	+150	66,5	11	9	16,5	20	20	18

33100-TS-...-D

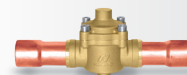
Valvola di ritegno
Check valve

Attacco tubo rame - serie "TS"
Copper tube connections-"TS" series



Codice Code	Attacchi Connections		Kv [m ³ /h]	Pd [bar]	TS (°C)		PS [bar]	DIMENSIONI - DIMENSIONS			
	ODF Ø [In]	ODF Ø [mm]			Min	Max		A [mm]	H [mm]	Hi [mm]	Ltot [mm]
33100-TS-06-D	7/8	22	6,6	0.1	-35	160	45	60	77	27	176
33100-TS-M28-D		28	8,8	0.1	-35	160	45	60	81	29	202
33100-TS-08-D	1"1/8		8,8	0.1	-35	160	45	60	81	29	202
33100-TS-09-D	1"3/8	35	15,2	0.1	-35	160	45	68	99	34	229
33100-TS-10-D	1"5/8		25,0	0.1	-35	160	45	88	123	37	250
33100-TS-M42-D		42	25,0	0.1	-35	160	45	88	123	37	250
33100-TS-11-D	2"1/8	54	40,0	0.1	-35	160	45	104	139	43	280
33100-TS-12-D	2"5/8		40,0	0.1	-35	160	45	104	139	43	285

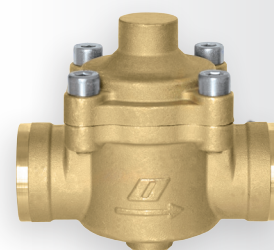
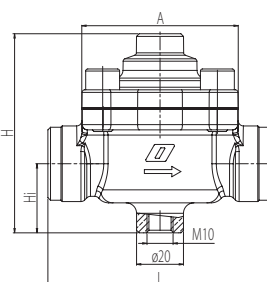
Disponibili anche con Pd 0.3 e 1.5 bar
Available also with 0.3 and 1.5 bar Pd



33100-TNS-...-D

Valvola di ritegno
Check valve

Attacco tubo rame - serie "TNS"
Tasca ODF ricavata nel corpo valvola
Copper tube connections-"TNS" series
ODF pocket made from valve's body



Codice Code	Attacchi Connections		Kv [m³/h]	Pd [bar]	TS (°C)		PS [bar]	DIMENSIONI - DIMENSIONS			
	ODF Ø [In]	ODF Ø [mm]			Min	Max		A [mm]	H [mm]	Hi [mm]	Ltot [mm]
33100-TNS-06-D	7/8	22	6,6	0.1	-35	160	45	60	77	27	86
33100-TNS-M28-D		28	8,8	0.1	-35	160	45	60	81	29	86
33100-TNS-08-D	1"1/8		8,8	0.1	-35	160	45	60	81	29	86
33100-TNS-09-D	1"3/8	35	15,2	0.1	-35	160	45	68	99	34	109
33100-TNS-10-D	1"5/8		25,0	0.1	-35	160	45	88	123	37	135
33100-TNS-M42-D		42	25,0	0.1	-35	160	45	88	123	37	135
33100-TNS-11-D	2"1/8	54	40,0	0.1	-35	160	45	104	139	42	173

Disponibili anche con Pd 0.3 e 1.5 bar
Available also with 0.3 and 1.5 bar Pd