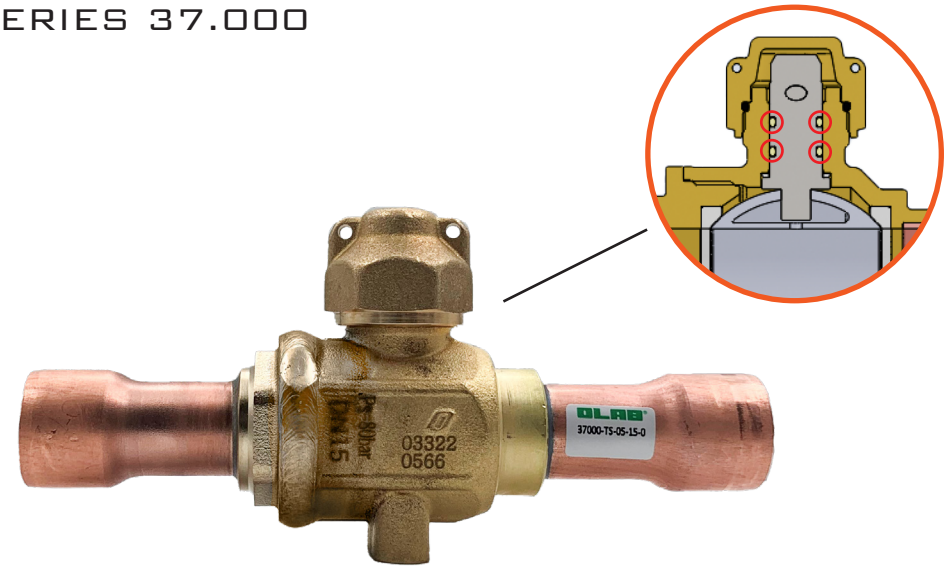
VALVOLA A SFERA SERIE 37.000
BALL VALVE SERIES 37.000



CARATTERISTICHE
GENERAL FEATURES

VALVOLA A SFERA
BALL VALVE SERIES

CORPO IN OTTONE GIALLO E TUBI IN RAME
YELLOW BRASS BODY **AND COPPER PIPES**

STELO DI MANOVRA IN ACCIAIO INOX AISI 303 CON DOPPIA O.R DI TENUTA IN HNBR CERTIFICATA OLAB
CONTROL STEM MADE OF STAINLESS STEEL AISI 303 WITH DOUBLE HNBR OR OLAB CERTIFICATED

SEGGI IN PTFE
SEAL IN PTFE

CAPPUCCIO IN OTTONE CON ULTERIORE OR DI TENUTA IN NEOPRENE CERTIFICATO OLAB
BRASS CAP WITH ADDITIONAL O-RING IN NEOPRENE OLAB CERTIFIED

PROGETTATE PER IMPIANTI DI REFRIGERAZIONE PROFESSIONALI
DESIGNED FOR PROFESSIONAL REFRIGERATION SYSTEMS

PS : 45 ÷ 52 BAR A SECONDA DEL MODELLO

TS : -40°C +150°C

HCFC - R22	HFO e miscele HFO/HFC HFO and HFO/HFC blends
R404A	R1234ze
R407C	R448A
R410A	R449A
R507	R450A
R32	R452A
R134a	R1234yf
	R1233zd

VANTAGGI
ADVANTAGE

STURDY · PERFECT SEAL · SAFE · DOUBLE O.R · 100% TESTED

ROBUSTE
RHIGHLY ROBUST

SICURE: tenuta garantita
SAFE: guaranteed seal

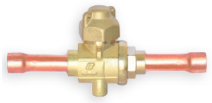
STELO DI MANOVRA in acciaio inox AISI 303 per garantirne la durata nel tempo
Control stem made of stainless steel AISI 303

Processo di saldatura realizzato in OLAB con impianto dedicato per eseguire una saldatura perfetta e strutturale, senza danneggiare le guarnizioni di tenuta
Welding process made at OLAB using a dedicated system that guarantees a per fect and structural weld,without damaging the seals

DOPPIO O-RING DI TENUTA IN HNBR sullo stelo di manovra
DOUBLE HNBR O-RING SEAL on the control stem

Cappuccio di chiusura in ottone completodi guarnizione per garantire la tenuta anche in caso di accidentale danneggiamento delle guarnizioni di tenuta dello stelo
Brass cap complete with seal to ensure tightness under any operating conditions, including in case of accidental damage of the stem seal

COLLAUDATE al 100% : con modernissimo impianto ad Elio 100% Su ognuna di esse vengono impresse la data e il n. seriale che ne attesta il superamento del collaudo e permette la rintracciabilità nel tempo dei dati di prestazione registrati durante il test.
100% TESTED, with modern 100% helium plant, each valve bears the date and serial number proving that it has passed the test and allowing traceability of the performance data measured during testing over time



SCHEMA DI CODIFICA

Schema di codifica elettrovalvole serie 37000.

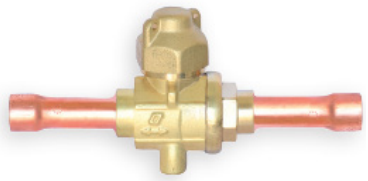
CODING SCHEME

How to read the code of solenoid valves 37000 series.

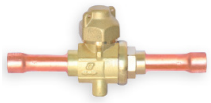
37000	-	TS	-	06	-	20	-	1
Famiglia Family		Attacchi Connections		Misura tubo - Filetto Welding pocket size - Tread		Geometria Structure		Varianti Models
37000		**TS**		**M06**	Ø6	**12**	12mm	**0**
Valvola a sfera per impianti di refrigerazione secondo EN12284 Ball valve for refrigeration systems according to EN 12284		Tubo rame ODF a saldare ODF soldering copper pipe		**01**	1/4"	**15**	15mm	Standard
				02	3/8"	**20**	20mm	**1**
				M10	Ø10	**25**	25mm	Valvola di ricarica Charging valve
				M12	Ø12	**32**	32mm	
				04	Ø16 5/8"	**50**	50mm	
				M18	Ø18			
				M12	Ø12			
				05	3/4"			
				06	Ø22 7/8"			
				M28	Ø28			
				08	1"1/8			
				09	Ø35 1"3/8			
				10	1"5/8			
				M42	Ø42			
				11	2"1/8			
				12	2"5/8			

Valvole a sfera con OR. HNBR

Ball valves with HNBR OR.

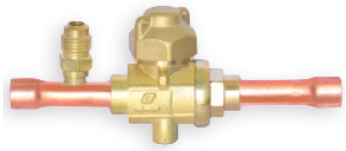
Codice Code	Ppass. ridotto Reducing port	Attacchi Connection Ø [In]	Attacchi Connection Ø [mm]	DN	Kv [m3/h]	PS [bar]	TS [°C] Min	TS [°C] Max	CONF. PACK.	LOTTO MIN. MINIMUM LOT		37000-TS
37000-TS-M6-12-0			6	12mm	1,0	52	-40	150	40			
37000-TS-01-12-0		1/4										
37000-TS-02-12-0		3/8			4,0							
37000-TS-M10-12-0			10									
37000-TS-M12-12-0			12		7,0							
37000-TS-03-12-0		1/2										
37000-TS-04-12-0	X	5/8	16									
37000-TS-04-15-0		5/8	16	15mm	14,0	52	-40	150				
37000-TS-M18-15-0			18		19,0							
37000-TS-05-15-0	X	3/4										
37000-TS-06-15-0	X	7/8	22						14			
37000-TS-06-20-0		7/8	22	20mm	28,0	52	-40	150				
37000-TS-M28-20-0	X		28							200		
37000-TS-08-20-0	X	1.1/8								200		
37000-TS-M28-25-0			28	25mm	50,0	52	-40	150				
37000-TS-08-25-0		1.1/8										
37000-TS-09-25-0	X	1.3/8	35						7	200		
37000-TS-09-32-0		1.3/8	35	32mm	80,0	52	-40	150	14			
37000-TS-10-32-0	X	1.5/8				52				200		
37000-TS-M42-32-0	X		42							200		
37000-TS-10-40-0		1.5/8		40mm	97,0	45	-40	150	7			
37000-TS-M42-40-0	X		42									
37000-TS-11-40-0	X	2.1/8	54			45			7	200		
37000-TS-11-50-0		2.1/8	54	50mm	175,0	45	-40	150	4			
37000-TS-M64-50-0	X		64						4	200		
37000-TS-12-50-0	X	2.5/8							4	200		

Valvola senza raccordo per carico impianto
Valve without charge fitting



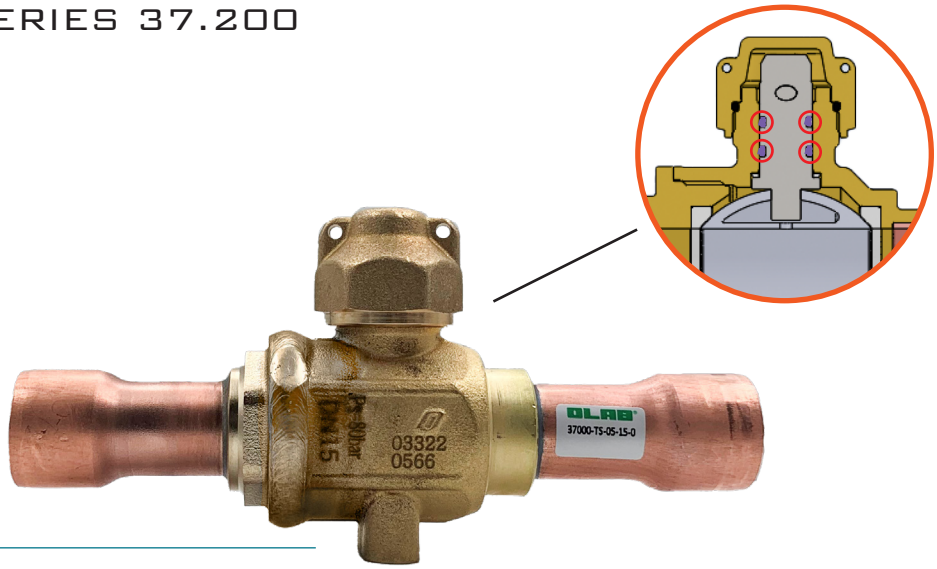
Valvole a sfera con attacco di carica e OR. HNBR

Ball valves with access fitting and HNBR OR.

Codice Code	Ppass. ridotto Reducing port	Attacchi Connection Ø [In]	Attacchi Connection Ø [mm]	DN	Kv [m3/h]	PS [bar]	TS [°C] Min	TS [°C] Max	CONF. PACK.	LOTTO MIN. MINIMUM LOT		37000-TS
37000-TS-02-12-1		3/8		12mm	4,0	52	-40	150	52			 Valvola con raccordo per carico impianto Valve with charge fitting
37000-TS-M10-12-1			10									
37000-TS-M12-12-1			12		7,0							
37000-TS-03-12-1		1/2										
37000-TS-04-15-1		5/8	16	15mm	14,0		-40	150				
37000-TS-M18-15-1			18		19,0							
37000-TS-05-15-1	X	3/4								200		
37000-TS-06-20-1		7/8	22	20mm	28,0		-40	150	14			
37000-TS-M28-25-1			28	25mm	50,0		-40	150				
37000-TS-08-25-1		1.1/8										
37000-TS-09-32-1		1.3/8	35	32mm	80,0		-40	150				
37000-TS-10-40-1		1.5/8		40mm	97,0	45	-40	150	7			
37000-TS-M42-40-1	X		42									
37000-TS-11-50-1		2.1/8	54	50mm	175,0	45	-40	150	4			
37000-TS-M64-50-1	X		64							200		
37000-TS-12-50-1	X	2.5/8								200		

* Meccanismo di carica non incluso - Core valve not included

VALVOLA A SFERA SERIE 37.200
BALL VALVE SERIES 37.200



CARATTERISTICHE
GENERAL FEATURES

VALVOLA A SFERA
BALL VALVE SERIES

CORPO IN OTTONE GIALLO E TUBI IN RAME O INOX
YELLOW BRASS BODY **AND COPPER OR STAINLESS STELL PIPES**

STELO DI MANOVRA IN ACCIAIO INOX AISI 303 CON DOPPIA O.R DI TENUTA IN EPDM CERTIFICATA OLAB
CONTROL STEM MADE OF STAINLESS STEEL AISI 303 WITH DOUBLE EPDM OR OLAB CERTIFICATED

SEGGI IN PTFE
SEALS IN PTFE

CAPPUCCIO IN OTTONE CON ULTERIORE OR DI TENUTA IN HNBR CERTIFICATO OLAB
BRASS CAP WITH ADDITIONAL O-RING IN HNBR OLAB CERTIFIED

PROGETTATE PER IMPIANTI DI REFRIGERAZIONE PROFESSIONALI
DESIGNED FOR PROFESSIONAL REFRIGERATION SYSTEMS

PS : 45 ÷ 60 BAR A SECONDA DEL MODELLO

TS : -50°C +150°C

R744 (CO_2)	**STATO SUBCRITICO**

VANTAGGI
ADVANTAGE

ROBUSTE
RHIGHLY ROBUST

SICURE: tenuta garantita
SAFE: guaranteed seal

STELO DI MANOVRA in acciaio inox AISI 303 per garantirne la durata nel tempo
Control stem made of stainless steel AISI 303

Processo di saldatura realizzato in OLAB con impianto dedicato per eseguire una saldatura perfetta e strutturale, senza danneggiare le guarnizioni di tenuta
Welding process made at OLAB using a dedicated system that guarantees a per fect and structural weld,without damaging the seals

DOPPIO O-RING DI TENUTA IN EPDM sullo stelo di manovra
DOUBLE EPDM O-RING SEAL on the control stem

Cappuccio di chiusura in ottone completo di guarnizione per garantire la tenuta anche in caso di accidentale danneggiamento delle guarnizioni di tenuta dello stelo
Brass cap complete with seal to ensure tightness under any operating conditions, including in case of accidental damage of the stem seal

COLLAUDATE al 100% : con modernissimo impianto ad Elio 100% Su ognuna di esse vengono impresse la data e il n. seriale che ne attesta il superamento del collaudo e permette la rintracciabilità nel tempo dei dati di prestazione registrati durante il test.
100% TESTED, with modern 100% helium plant, each valve bears the date and serial number proving that it has passed the test and allowing traceability of the performance data measured during testing over time

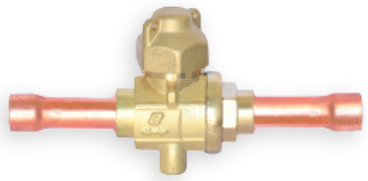
SCHEMA DI CODIFICA
Schema di codifica elettrovalvole serie 37200.

CODING SCHEME
How to read the code of solenoid valves 37200 series.

37200	-	TS	-	06	-	20	-	0
Famiglia Family		Attacchi Connections		Misura tubo - Filetto Welding pocket size - Tread		Geometria Structure		Varianti Models
37200		**TS**		**M06**	Ø6	**12**	12mm	**0**
Valvola a sfera per impianti di refrigerazione secondo EN12284 Ball valve for refrigeration systems according to EN 12284		Tubo rame ODF a saldare ODF soldering copper pipe		**01**	1/4”	**15**	15mm	Standard
		TM		**02**	3/8”	**20**	20mm	
		Tubo INOX ODM a saldare ODM welding INOX pipe		**M10**	Ø10	**25**	25mm	
				M12	Ø12	**40**	40mm	
				04	Ø16 5/8”	**50**	50mm	
				M18	Ø18			
				M12	Ø12			
				05	3/4”			
				06	Ø22 7/8”			
				M28	Ø28			
				08	1”1/8			
				09	Ø35 1”3/8			
				10	1”5/8			
				M42	Ø42			
				11	2”1/8			
				12	2”5/8			

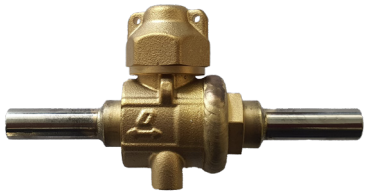
Valvole a sfera con OR. EPDM

Ball valves with HNBR EPDM

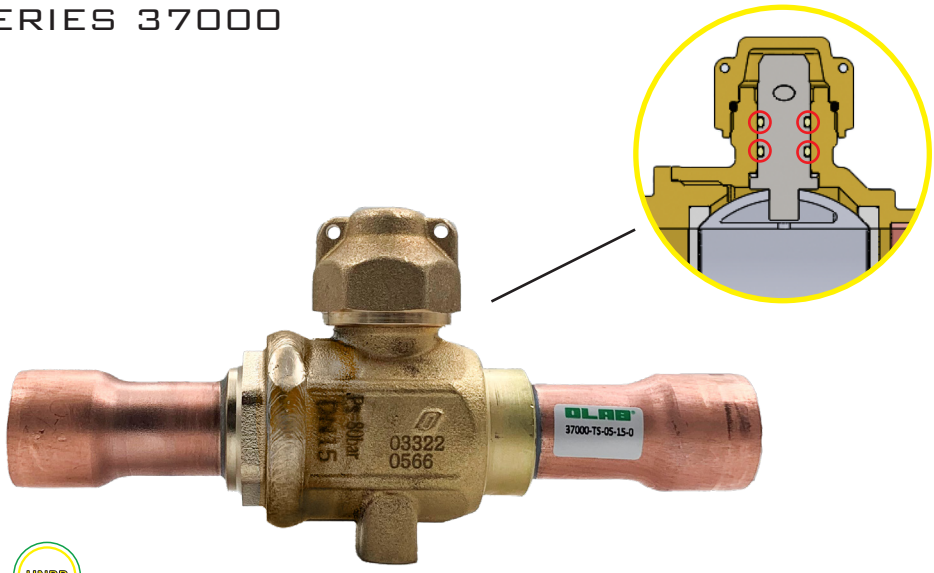
Codice Code	Ppass. ridotto Reducing port	Attacchi Connection Ø [In]	Attacchi Connection Ø [mm]	DN	Kv [m3/h]	PS [bar]	TS [°C] Min	TS [°C] Max	CONF. PACK.	LOTTO MIN. MINIMUM LOT		37200-TS
37200-TS-M06-12-0			6	12mm	1,0	60	-50	150	40			
37200-TS-01-12-0		1/4										
37200-TS-02-12-0		3/8			4,0							
37200-TS-M10-12-0			10									
37200-TS-M12-12-0			12		7,0							
37200-TS-03-12-0		1/2										
37200-TS-04-12-0	X	5/8	16									
37200-TS-04-15-0		5/8	16	15mm	14,0	60	-50	150				
37200-TS-M18-15-0			18		19,0							
37200-TS-05-15-0	X	3/4										
37200-TS-06-15-0	X	7/8	22						14			
37200-TS-06-20-0		7/8	22	20mm	28,0	60	-50	150				
37200-TS-M28-20-0	X		28							200		
37200-TS-08-20-0	X	1.1/8								200		
37200-TS-M28-25-0			28	25mm	50,0	60	-50	150				
37200-TS-08-25-0		1.1/8										
37200-TS-09-25-0	X	1.3/8	35						7	200		
37200-TS-09-32-0		1.3/8	35	32mm	80,0	60	-50	150	14			
37200-TS-10-32-0	X	1.5/8								200		
37200-TS-M42-32-0	X		42							200		
37200-TS-10-40-0		1.5/8		40mm	97,0	45	-50	150	7			
37200-TS-M42-40-0	X		42									
37200-TS-11-40-0	X	2.1/8	54						7	200		
37200-TS-11-50-0		2.1/8	54	50mm	175,0	45	-50	150	4			
37200-TS-M64-50-0	X		64						4	200		
37200-TS-12-50-0	X	2.5/8							4	200		

Valvole a sfera con OR. EPDM

Ball valves with HNBR EPDM

Codice Code	Ppass. ridotto Reducing port	Attacchi Connection Ø [In]	Attacchi Connection Ø [mm]	DN	Kv [m3/h]	PS [bar]	TS [°C] Min	TS [°C] Max	CONF. PACK.	LOTTO MIN. MINIMUM LOT		37200-TM
37200-TM-M06-12-0			6	12	1,0	60	-50	+150				
37200-TM-M10-12-0			10	12	4,0	60	-50	+150				
37200-TM-M12-12-0			12	12	7,0	60	-50	+150				
37200-TM-M16-15-0			16	15	14,0	60	-50	+150				
37200-TM-M18-15-0			18	15	19,0	60	-50	+150				
37200-TM-M22-20-0			22	20	28,0	60	-50	+150				
37200-TM-M28-25-0			28	25	50,0	60	-50	+150				
37200-TM-M35-32-0			35	32	80,0	60	-50	+150				
37200-TM-M42-40-0			42	40	97,0	60	-50	+150				
37200-TM-M48-40-0			48	40	107	60	-50	+150				
37200-TM-M60-50-0			60	50	175,0	60	-50	+150				

VALVOLA A SFERA SERIE 37000
BALL VALVE SERIES 37000



CARATTERISTICHE
GENERAL FEATURES

VALVOLA A SFERA
BALL VALVE

CORPO IN OTTONE GIALLO E TUBI IN RAME
YELLOW BRASS BODY AND COPPER PIPES

STELO DI MANOVRA IN ACCIAIO INOX AISI 303 CON DOPPIA O.R DI TENUTA IN HNBR CERTIFICATA OLAB
CONTROL STEM MADE OF STAINLESS STEEL AISI 303 WITH DOUBLE HNBR OR OLAB CERTIFICATED

SEGGI IN PTFE
SEAL IN PTFE

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BRASS CAP WITH ADDITIONAL O-RING IN NEOPRENE OLAB CERTIFIED

PROGETTATE PER IMPIANTI DI REFRIGERAZIONE PROFESSIONALI
DESIGNED FOR PROFESSIONAL REFRIGERATION SYSTEMS

PS : 45 ÷ 52 BAR **(IN FUNZIONE DELLA MISURA)**

TS : -40°C ÷ +150°C

HFC HFO e miscele HFO/HFC	HFO and HFO/ HFC blends	HC
R404A	R1234ze	R290
R407C	R448A	R600
R410A	R449A	R600a
R507	R450A	
R32	R452A	
R134a (fino a +125°C) - (up to +125°C)	R1234yf	

I prodotti con guarnizioni in HNBR non possono essere installati su impianti che utilizzino HCFC (R22) o altri refrigeranti miscelati con oli minerali e alchinbenzenici
Products with HNBR gaskets cannot be installed on systems using HCFC (R22) or other coolants containing mineral oils or alkyl-benzene.

VANTAGGI
ADVANTAGE

STURDY | PERFECT SEAL | SAFE | DOUBLE O.R | 100% TESTED

ROBUSTE
RHIGHLY ROBUST

SICURE: tenuta garantita
SAFE: guaranteed seal

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DOUBLE HNBR O-RING SEAL on the control stem

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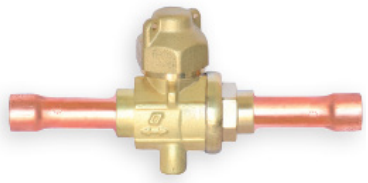
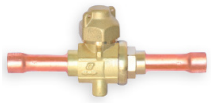
Valvola a sfera per impianti di refrigerazione secondo EN12284 Ball valve for refrigeration systems according to EN 12284		Tubo rame ODF a saldare ODF soldering copper pipe		**01**	1/4”	**15**	15mm	Standard
				02	3/8”	**20**	20mm	**1**
				M10	Ø10	**25**	25mm	Valvola di ricarica Charging valve
				M12	Ø12	**32**	32mm	
				04	Ø16 5/8”	**50**	50mm	
				M18	Ø18			
				M12	Ø12			
				05	3/4”			
				06	Ø22 7/8”			
				M28	Ø28			
				08	1”1/8			
				09	Ø35 1”3/8			
				10	1”5/8			
				M42	Ø42			
				11	2”1/8			
				12	2”5/8			

Valvole a sfera con OR. HNBR

Ball valves with HNBR OR.

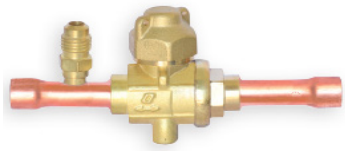
Codice Code	Ppass. ridotto Reducing port	Attacchi Connection Ø [In]	Attacchi Connection Ø [mm]	DN	Kv [m3/h]	PS [bar]	TS [°C] Min	TS [°C] Max	CONF. PACK.	LOTTO MIN. MINIMUM LOT		37000-TS
37000-TS-M6-12-0			6	12mm	1,0	52	-40	150	40			
37000-TS-01-12-0		1/4										
37000-TS-02-12-0		3/8			4,0							
37000-TS-M10-12-0			10									
37000-TS-M12-12-0			12		7,0							
37000-TS-03-12-0		1/2										
37000-TS-04-12-0	X	5/8	16									
37000-TS-04-15-0		5/8	16	15mm	14,0	52	-40	150				
37000-TS-M18-15-0			18		19,0							
37000-TS-05-15-0	X	3/4										
37000-TS-06-15-0	X	7/8	22						14			
37000-TS-06-20-0		7/8	22	20mm	28,0	52	-40	150				
37000-TS-M28-20-0	X		28							200		
37000-TS-08-20-0	X	1.1/8								200		
37000-TS-M28-25-0			28	25mm	50,0	52	-40	150				
37000-TS-08-25-0		1.1/8										
37000-TS-09-25-0	X	1.3/8	35						7	200		
37000-TS-09-32-0		1.3/8	35	32mm	80,0	52	-40	150	14			
37000-TS-10-32-0	X	1.5/8				52				200		
37000-TS-M42-32-0	X		42							200		
37000-TS-10-40-0		1.5/8		40mm	97,0	45	-40	150	7			
37000-TS-M42-40-0	X		42									
37000-TS-11-40-0	X	2.1/8	54			45			7	200		
37000-TS-11-50-0		2.1/8	54	50mm	175,0	45	-40	150	4			
37000-TS-M64-50-0	X		64						4	200		
37000-TS-12-50-0	X	2.5/8							4	200		

Valvola senza raccordo per carico impianto
Valve without charge fitting



Valvole a sfera con attacco di carica e OR. HNBR

Ball valves with access fitting and HNBR OR.

Codice Code	Ppass. ridotto Reducing port	Attacchi Connection Ø [In]	Attacchi Connection Ø [mm]	DN	Kv [m3/h]	PS [bar]	TS [°C] Min	TS [°C] Max	CONF. PACK.	LOTTO MIN. MINIMUM LOT		37000-TS
37000-TS-02-12-1		3/8		12mm	4,0	52	-40	150	40			 Valvola con raccordo per carico impianto Valve with charge fitting
37000-TS-M10-12-1			10									
37000-TS-M12-12-1			12		7,0							
37000-TS-03-12-1		1/2										
37000-TS-04-15-1		5/8	16	15mm	14,0							
37000-TS-M18-15-1			18		19,0							
37000-TS-05-15-1	X	3/4								200		
37000-TS-06-20-1		7/8	22	20mm	28,0		-40	150	14			
37000-TS-M28-25-1			28	25mm	50,0		-40	150				
37000-TS-08-25-1		1.1/8										
37000-TS-09-32-1		1.3/8	35	32mm	80,0		-40	150				
37000-TS-10-40-1		1.5/8		40mm	97,0	45	-40	150	7			
37000-TS-M42-40-1	X		42									
37000-TS-11-50-1		2.1/8	54	50mm	175,0	45	-40	150	4			
37000-TS-M64-50-1	X		64							200		
37000-TS-12-50-1	X	2.5/8								200		

* Meccanismo di carica non incluso - Core valve not included