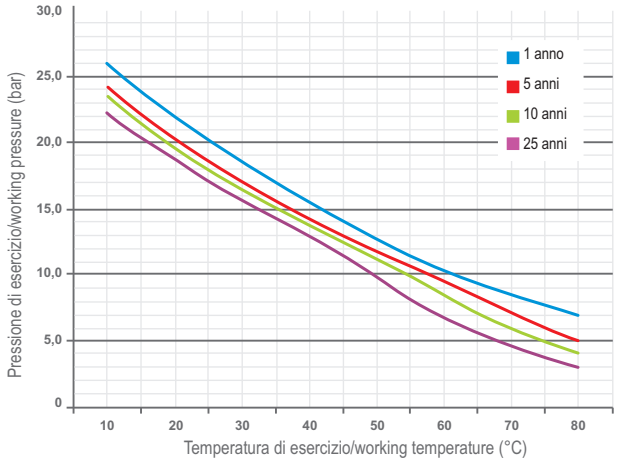
VALVOLE FILETTATE IN PP_PP THREADED VALVES

Le valvole a sfera in PP sono valvole a passaggio totale con estremità filettate. Grazie alla speciale tecnica di stampaggio il corpo è prodotto in un **pezzo unico**, sfera e guarnizioni non possono spostarsi dalle loro sedi, anche nelle condizioni operative più estreme; inoltre i materiali impiegati assicurano elevati livelli di sicurezza e di resistenza alle temperature e pressioni di esercizio, garantendo così una lunga vita di servizio.

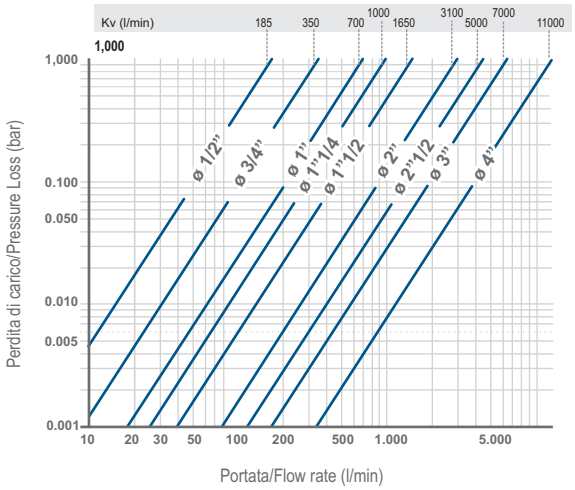
The PP ball valves are full-bore valves with threded ends. *Thanks to the special molding technique, the body is produced in* ***one piece,*** *ball and seals cannot move from their seats, even in the most extreme operating conditions; furthemore the materials provide a high level of security and resistance to temperatures and operating pressures, thus ensuring a long service life.*

PRESSIONE/TEMPERATURA - Pressure/temperature



Valori indicativi riferiti al materiale del corpo valvola. La durata delle parti soggette a usura dipende dalle condizioni di impiego./Approximate values referred to the material of the valve body. Durability of parts subject to wear depends on the operating conditions.

PERDITE DI CARICO - Pressure Losses



Conversione Kv
Kv Conversion

fv (GB gal/min)= Kv x 0.0585
Cv (US gal/min)= Kv x 0.07

Valori indicativi per acqua a 20°C./Indicative values for water at 20 °C

I colpi d'ariete potrebbero danneggiare la valvola, pertanto queste sovrapressioni vanno sommate al carico di esercizio per verificare che non vengano superati i limiti d'impiego riportati nel grafico pressione/temperatura/ *Water hammers may damage the valve, so these overpressures should be added to the operating pressure to verify that the operating limits shown in the pressure / temperature chart are not exceeded.*

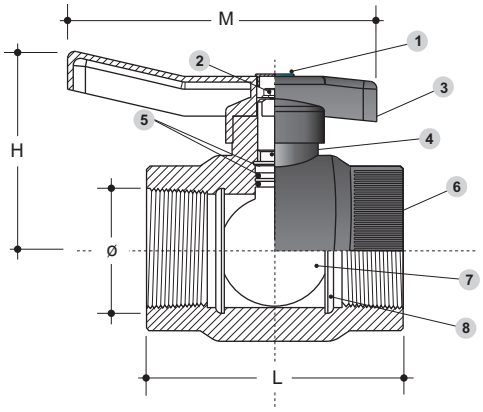
CARATTERISTICHE TECNICHE/Technical features

Pressione di esercizio ammissibile PFA (PN) Allowable operating pressure	PN 16	**Norme di riferimento** International Standards	**Prove/test:**ISO 9393-1 : 2004 - ISO 9393-2 : 2005 **Filetti/threads: BSP (GAS)** UNI EN 10226, BS21, AS1722.1 **NPT/NPT** ANSI-ASME B1.20.1 - **GHT** (Garden Hose threads)
Temperatura Operativa ammissibile Allowable operating Temperature	-15 °C ÷ 95°C	**Prescrizioni sanitarie** Sanitary regulations	DM 23/04/2009 DM 174 del 6/04/2004 (ex DM 21/3/73). Reg. UE n° 10/2011

18VCFF

Valvola filettata femmina/*F-F Threaded valve*

Regular | Farfalla (optional) - A *Butterfly - A* | Eagle



COMPONENTI/*COMPONENTS*

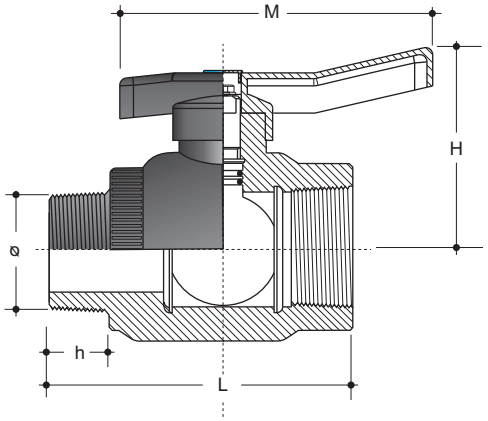
1	Tappo maniglia/*Handle plug*: MDPE
2	Vite in acciao/*Steel nut*
3	Maniglia in PACV nera/*PAGF black handle*
4	Perno in ottone/*Brass pivot (*)*
5	Guarnizione EPDM/*EPDM o' ring*
6	Corpo in PP nero/*PPblack body*
7	Sfera in ottone cromato/*Brass chromium plated ball (*)*
8	Guarnizione in PTFE/*PTFE o'ring*

* Disponibili su richiesta con trattamento a maggiorata resistenza chimica
Available on request with chemical resistant coating

Art.	ø	L	H	M	Maniglia handle	Peso Weight (gr)
- B	ø 1/2"	68.5	51.5	85	Regular/A	110
- C	ø 3/4"	78	58	108	Regular/A	190
- D	ø 1"	92.5	70	108	Regular/A	305
- E	ø 1" 1/4	101	75	108	Regular	365
- F	ø 1" 1/2	117	101	150	Regular	750
- G	ø 2"	136	106	150	Regular	1105
- H	ø 2" ½	158.5	140	150	Regular	2165
- L	ø 3"	200	150	305	Eagle	3735
- M	ø 4"	225	165	305	Eagle	4780

18VCMF

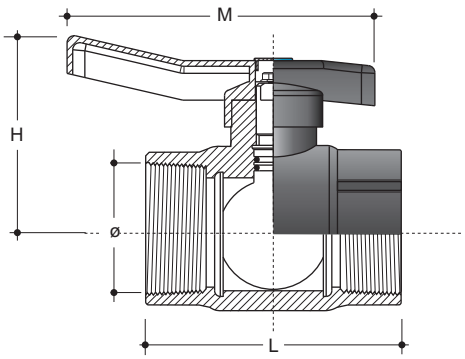
Valvola filettata maschio femmina/*M-F Threaded valve*



Art.	ø	L	h	H	M	Maniglia handle	Peso Weight (gr)
- B	ø ½"	84.5	16.5	51.5	85	Regular/A	115
- C	ø 3/4"	94	19.5	58	108	Regular/A	175
- D	ø 1"	104.5	21.5	70	108	Regular/A	310
- E	ø 1" 1/4	111.5	23	75	108	Regular	375
- F	ø 1" ½	135	23.5	101	150	Regular	745
- G	ø 2"	147	24.5	106	186	Regular	1155

18VCFFR REDUCED BORE/*REDUCED BORE*

Valvola filettata maschio femmina/*M-F Threaded valve*



Art	ø	L	H	M	Maniglia handle	Peso Weight (gr)
- D	ø 1"	80	58	108	Regular/A	200
- E	ø 1" 1/4	95.5	70	108	Regular	325
- F	ø 1" 1/2	101	75	150	Regular	365
- G	ø 2"	128.5	101	150	Regular	830
- H	ø 2" ½	143	106	150	Regular	1160
- L	ø 3"	161	140	305	Eagle	2200
- M	ø 4"	205	150	305	Eagle	3240