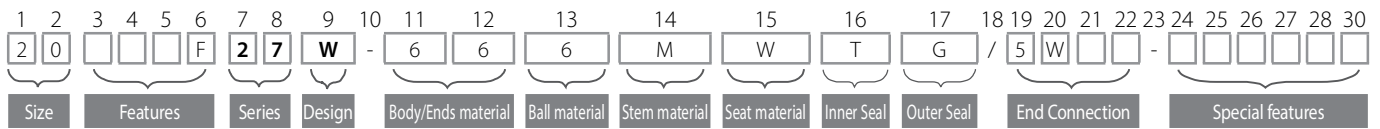




# High Pressure Floating Ball 3 Piece - Ordering Code System

"Mandatory option" options are marked with **green background** | "Standard offer" options are marked with **light green background**



Size (1-2)		
Code	inch	mm
02	¼"	8
03	⅜"	10
05	½"	15
07	¾"	20
10	1"	25
12	1¼"	32
15	1½"	40
20	2"	50
25	2½"	65
30	3"	80
40	4"	100
60	6"	150

Features (3-6)	
F	Fire safe
B	Full port
O	Clean assembly for O2 service

Series (7-8)	
27	HP Float 3 piece

Design (9)	
W	Total HermetiX Integrity package

Body/Ends material (11-12)	
6	S. Steel 316L
4	C. steel A105
Z	Inconel 718 B637
7	Monel
A	Alloy-20 A351 CN7M
W	Alloy-C22 B574
D	Duplex
K	Super Duplex
S	254SMO
F	C. steel LF2

Ball material (13) ¼"-¾"	
M	High Strength S. Steel

Ball material (13) 1" and up	
6	S. Steel 316L
M	High Strength S. Steel
Z	Inconel 718 B637
7	Monel
A	Alloy-20 A351 CN7M
W	Alloy-C22 B574
D	Duplex A479
K	Super Duplex A479
S	254SMO A479

Stem material (14)	
M	High Strength S. Steel
Z	Inconel 718 B637
7	Monel
W	Alloy-C22 B574
D	Duplex A479
K	Super Duplex A479

Seat material (15)	
W	PVDF
K	CF PEEK
Y	Delrin
L	Virgin PEEK
C	PCTFE
F	Hybrid seat

Inner Seal Material (16)	
B	NBR
T	PTFE
V	Viton
G	Expanded graphite

Outer Seal Material (17)	
G	Expanded graphite
T	PTFE
V	Viton
B	NBR

End connections (19-22)	
Welded Ends	
SW	Socket weld ends
BW80	buttweld ends (sch80)
BW160 *	buttweld ends (sch160)
XBW80	Extended buttweld ends (sch80)
XBW160 *	Extended buttweld ends (sch160)
XBWXS *	Extended buttweld ends (sch XXS)
XSW	Extended socket weld ends
Threaded Ends	
NPT	ASME B1.20.1 - National Pipe Taper thread
BSPT	EN 10226 - Pipe Taper thread
BSPP	ISO228-1, DIN3852 - Pipe Parallel thread
DIN3852	DIN3852 - Pipe Parallel thread
AS5202	AS 5202 on-face gasket sealing threaded connection
Flanged RF	
1500	ANSI B16.5 #1500 RF
2500	ANSI B16.5 #2500 RF
PN160-F3	EN1092 PN160, FTF F3
PN250-F3	EN1092 PN250, FTF F3
PN320-F3	EN1092 PN320, FTF F3
PN400-F3	EN1092 PN400, FTF F3
Flanged RTJ	
1500RTJ	ANSI B16.5 #1500 RTJ
2500RTJ	ANSI B16.5 #2500 RTJ
Flanged SAE J518 / ISO 6162 Threaded	
SAE3000	Code 61/ISO 6162-1 Flat face
SAE6000	Code 62/ISO 6162-2 Flat face

\* St. Port only

## Hybrid Seats (24-27)

24	25	26	27
Insert material	Upstream / Downstream	Insert Shape	Seal Type
K CF PEEK	Hybrid seats on upstream and downstream, spring loaded	0 Scraper	8 U+NBR+graphite
W PVDF			7 U+Viton+graphite
C PCTFE			1 U+NBR
L Virgin PEEK	Hybrid seats on upstream and downstream	1 Round	0 U+Viton
Y Delrin			

Special Features (24-30)	
P250	Ball with upstream pressure relief hole
Valve Special Stem Seals	
HC	High Cycle service
HYD	Hydrogen service