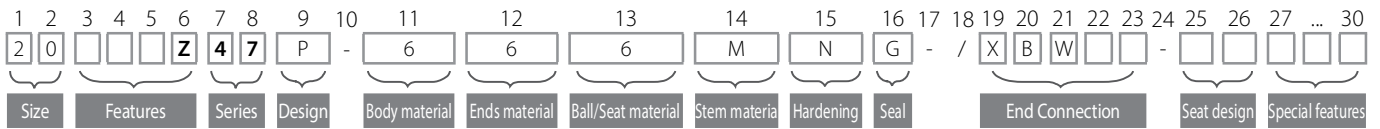




High Temperature - Ordering Code System

"Mandatory option" options are marked with **green background**

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)	
Z	Metal seats
B	Full port
N	Control service

Series (7-8)	
47	Floating ball 3 piece

Design (9)	
P	-60°C to 400°C (-76°F to 752°F)
W	-60°C to 260°C (-76°F to 500°F) HermetiX stem seal
T	-60°C to 538°C (-76°F to 1000°F)
M*	-60°C to 650°C (-76°F to 1200°F)

Body material (11)	
4*	A216 C.st WCB/ A105
6	CF8M
F	LF2
H**	321H
J**	F22

Ends material (12)	
6	CF3M
F	LF2
H*	321H
J*	F22
7**	Monel
D***	Duplex
K***	Super duplex

Ball/Seat material (13)	
6	St. Steel
7*	Monel
D**	Duplex
K**	Super duplex
Q***	St. Steel 410

* Up to 425°C (800°F)
** For M design only
*** Up to 315°C (600°F)

Stem material (14)	
M	High Strength S. Steel
Z	Inconel 718

Hardening (15)	
N*	LTPN- Low Temperature Plasma Carbonitriding
I**	Cr3C2- Chromium Carbide with Nickel Chrome binder - HVOF technique
O	WC-Co- Tungsten Carbide with Cobalt binder - HVOF technique

* standard offering up to size 2".
Applicable only for P/W design
** standard offering for size 2½"
and up.

Seal Material (16)	
G	Expanded graphite
B	NBR
V	Viton
K	FFKM

End connections (19-23)	
Welded	
XBW	Extended butt weld schd. 40
XSW	Extended socket weld
Threaded	
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

Flanged	
150	ASME B16.5 #150 RF
300	ASME B16.5 #300 RF
600	ASME B16.5 #600 RF
900	ASME B16.5 #900 RF
PN16	EN1092 PN16 RF
PN40	EN1092 PN40 RF
PN64	EN1092 PN64 RF
PN100	EN1092 PN100 RF
PN160	EN1092 PN160 RF

Seat design (25-26)	
Blank	Type A seat design
TB	Type B seat design
TC	Type C seat design
TD	Type D seat design

Special Features (27-30)	
RTJ	Ring Type Joint
B	Body made from rolled bar
Vxx	Characterized control ball xx = angle