

Z73

Z74

Z77

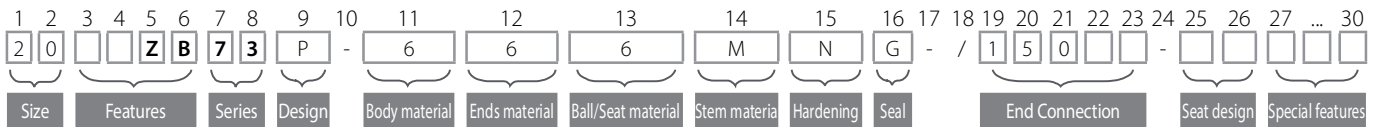
Z78



High Temperature - Ordering Code System

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

light green background



Size (1-2)		
Code	inch	mm
12	1¼"	32
15	1½"	40
20	2"	50
25	2½"	65
30	3"	80
40	4"	100
60	6"	150
80	8"	200

Up to size 1" see Z47 series

Features (3-6)	
Z	Metal seats
N	Control service

Series (7-8)	
73	ANSI #150 full port
74	ANSI #300 full port
77	DIN PN 16 full port
78	DIN PN 40 full port

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)

Body/Ends material (11-12)	
6	CF8M
4	A216 C.st WCB

Ball/Seat material (13)	
6	ASTM A479 S. Steel316L
N*	St. Steel 410

* For O hardening only

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

* LTPN is 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)	
Flanged	
150	ASME B16.5 #150 RF
300	ASME B16.5 #300 RF
PN16	EN1092 PN16 RF
PN40	EN1092 PN40 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
F1*	F1 - DIN 3202-1 RF face-to-face size
F4**	F4 - DIN 3202-1 RF face-to-face size
F5***	F5 - DIN 3202-1 RF face-to-face size
V30	Characterized control ball

* Up to 2"

** Up to 4"

*** 6" only