

Z81

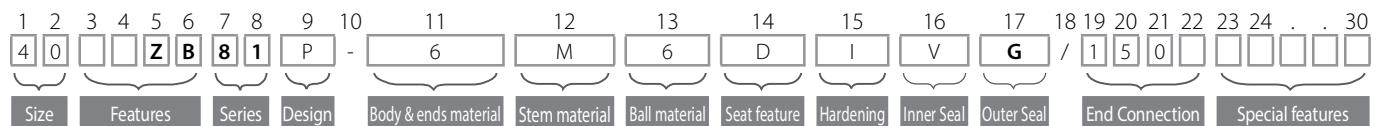
Z82

Z83



High Temperature Trunnion Ball 2 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
20	2"	50
30	3"	80
40	4"	100
60	6"	150
80	8"	200
A0	10"	250
A2	12"	300

Features (3-6)		
Z	Metal seats	
B	Full port	

Series - 2 Piece Cast (7-8)		
81	ASME B16.5 #150 Flanged RF	
82	ASME B16.5 #300 Flanged RF	
83	ASME B16.5 #600 Flanged RF	
Design (9)		
W	-46°C to 200°C (-50°F to 400°F)	
P	-46°C to 327°C (-40°F to 620°F)	
T	-60°C to 538°C (-76°F to 1000°F)	
Body & ends material (11)		
4*	C. Steel A216 WCB	
6	S. Steel A351 CF8M	

* Up to 425°C (800°F)

Stem (12)		
M	High Strength S. Steel	
Z	Inconel 718	
Ball material (13)		
6	S. Steel A182 316	
Q	ASTM A182 F6A (S.Steel 410)	

Seat feature (14)		
D	Double Piston Effect (DPE) (API 6D DIB-1)	
S	Single Piston Effect (SPE) (API 6D DBB)	
C	DPE & SPE combination (API 6D DIB-2)	
Hardening (15)		
I	Cr3C2- Chromium Carbide with Nickel Chrome binder - HVOF technique	
O	WC-Co-Tungsten Carbide with Cobalt binder HVO technique	
Inner Seal (16)		
V	Viton (-20°C to 200°C [-4°F to 400°F])	
H	HNBR (-46°C to 150°C [-50°F to 300°F])	
K	Kalrez (-20°C to 327°C [-4°F to 620°F])	
G	Graphite	
Outer Seal (17)		
G	Graphite	

* for 6" up not for -T design

** for 6" up

*** colors RAL 1018 or 7036
(other colors upon request)