

D - **9190** - **S** - **8X** - **A** - **Any special requirements**

FP : Full Port design
 N : NACE MR-01-75
 Z : Special requirements
 (supply complete information)
 J : Jacket type
 S : Spring Loaded Check

Suffix denoting Body material – See page 3

Suffix denoting Trim material and Type of Body seat ring – See page 4 & 5

Y : Seal-welded seat ring
 Z : Integral seat
 X : Threaded or pressed seat

Suffix denoting Type of end connection

R : Raised face flanged end
 J : Ring-joint face flanged end
 B(*): Butt welding end (*pipe schedule number)
 S : Threaded end
 H : Socketweld end
 Z : The other end connections

Basic figure number (Type No.)

This number represents the ANSI class and type of valve desired.

ASME Class	Type of Valve	Design type of valve	
1 : 150	1 : Gate	8 : Cryogenic service	0 : Bolted Bonnet
2 : 300	2 : Needle Globe	9 : API-602/ASME B16.34	1 : Bolted Bonnet Stop Check
4 : 600	3 : Globe		9 : Welded Bonnet
5 : 900	4 : Angle Globe		5 : Pressure Seal Bonnet
6 : 1500	5 : "Y" Globe		S : Others
7 : 2500	6 : Swing Check		
8 : 4500	7 : Lift Check		
9 : 800	8 : Ball Check		
	9 : "Y" Lift Check		
	0 : Others		

Prefix denoting Method of operation

D : Direct handwheel
 X : No operator (check valve)
 Z : Others