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

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

A — **Suffix denoting Body material – See page 3**

8X — **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

S — **Suffix denoting Type of end connection**

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

9190 — **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					

D — **Prefix denoting Method of operation**

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