

Petro Artan Part Co. Coding System								
1	2	3	4	5	6	7	8	9
Type	Body	Connection	Pressure Rating	Size	Material	Seat	Bore	Treatment

Type	1
BA	Ball
GA	Gate
GO	Globe
SC	Swing Check
PC	Piston Check
YC	Y Type Check
LC	Lift Check
NE	Needle

Body	2
W	Welded Bonnet
B	Bolted Bonnet
G	Globe Pattern
A	Angle Pattern
1	One Pieces
2	Two Pieces
3	Three Pieces

Connection		3
NN	NPT(F) X NPT(F)	
MM	NPT(M) X NPT(M)	
UU	Butt Weld X Butt Weld	
CC	Socket Weld X Socket Weld	
LL	Plain End X Plain End	
OO	Tube Nut X Tube Nut	
FF	Flanged X Flanged	
NM	NPT(F) X NPT(M)	
NC	NPT(F) X Socket Weld	

Rating	4
3M	3000Psi
6M	6000Psi
10M	10000Psi
1W	1000WOG
2W	2000WOG
1C	#150
2C	#300
3C	#600
4C	#800
5C	#1500
...	...

Size	5	
	inch	mm
3m		3
6m		6
9m		9
002	1/8	10.3
004	1/4	13.7
006	3/8	17.10
008	1/2	21.30
012	3/4	26.70
016	1	33.40
020	1,1/4	42.20
024	1,1/2	48.30
032	2	60.3
048	3	88.9
064	4	114.3
096	6	168.30
128	8	219.1
160	10	273.1
192	12	323.9

Material	6
01	A105N
02	A350 LF2
03	A182-F11
04	A182-F5
05	A182-F304
06	A182-F304L
07	A182-F316
08	A182-F316L
09	A182-F321
10	A182-F51
11	A182-F53
12	A182-F6a
13	A564 UNS S17400
14	B564 No4400
15	B649

Seat Material	7
50	P.T.F.E
51	R.P.T.F.E/Glass
52	R.P.T.F.E/Carbon Graphite
53	POM
54	PEEK
55	NYLON 12
56	NYLON 1010
57	NYLON 6
58	FKM
59	NBR
60	Silicon
61	Graphite
62	EPDM
63	Kel-f

Bore	8
F	Full Bore
R	Reduced Bore

Treatment	9
NT	No Treatment
NR	Normalized
QT	Quenched& Tempered
AN	Anealed
SA	Solution Anealed
NP	Electroless Ni. Plated
CP	Cr. Plated
PH	Phosphate
GZ	Galvanized
PI	Pickled
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