

Size	L	H	K	D	D ₁	n-d
12"	27.5"	17.2"	24.6"	19"	17"	12-1"
14"	31"	18.9"	24.9"	21"	18 3/4"	12-1 1/8"
16"	36"	19.3"	25.4"	23 1/2"	21 1/2"	16-1 1/8"
18"	40"	20.4"	29.2"	25"	22 3/4"	16-1 1/4"
20"	40"	21.7"	31.7"	27 1/2"	25"	20-1 1/4"
24"	48"	24.6"	36.4"	32"	29 1/2"	20-1 3/8"
30"	56"	27.7"	43.7"	38 3/4"	36"	28-1 3/8"
36"	63"	32.4"	52.6"	46"	42 3/4"	32-1 5/8"
42"	70"	39.6"	60.2"	53"	49 1/2"	36-1 5/8"
48"	76"	43.5"	67.2"	59 1/2"	56"	44-1 5/8"

Dimensions in inches

1.Flange confirms to:ANSI B16.1 **Class 125/150**

2.Work pressure: **150/250 PSI**

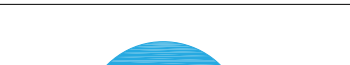
3.Suitable medium: water and neutral liquid

4.Working temperature: EPDM≤120℃

5. Full waterway flow area

10	Bolt	SS304
9.4	Spring	SS316
9.3	Rubber Hinge	NBR+strength nylon
9.2	Rubber coated	NBR
9.1	Disc core	Carbon Alloy Steel
9	Disc	Carbon Alloy Steel
8	Sealing rings	PTFE
7	Gland	Brass
6	Stem of Indicator	SS304
5	Spring	SS 17-4PH
4	Disc Indicator (opt.)	SS
3	Panel	SS304
2	Bonnet	DI 65-45-12ASTM A536
1	Body	DI 65-45-12ASTM A536
NO	Part's name	Material

45° Flex Disc Check Valve Size 12" to 48"

APPROVED		 Water Technology Resources	REV02		
CHECKED			Aug 12 2015		
DRAWN					
DESIGNED			SCALE	UNIT	Inch
SIGNATURE	Water Technology Resources				