

Specific&Performance

- Pressure range: -1...0 bar, 0...1 bar, 0...400 bar
- Wetted parts material: Tantalum, Titanium, Hastelloy C
- Medium temperature -40...350°C
- ASME B16.5 & EN1092-1 flange are available

Application

- Isolate medium and pressure gauge for protection
- Suitable for corrosive media, thick media and media with solid particles



It is connected with Winters PPC pressure gauge

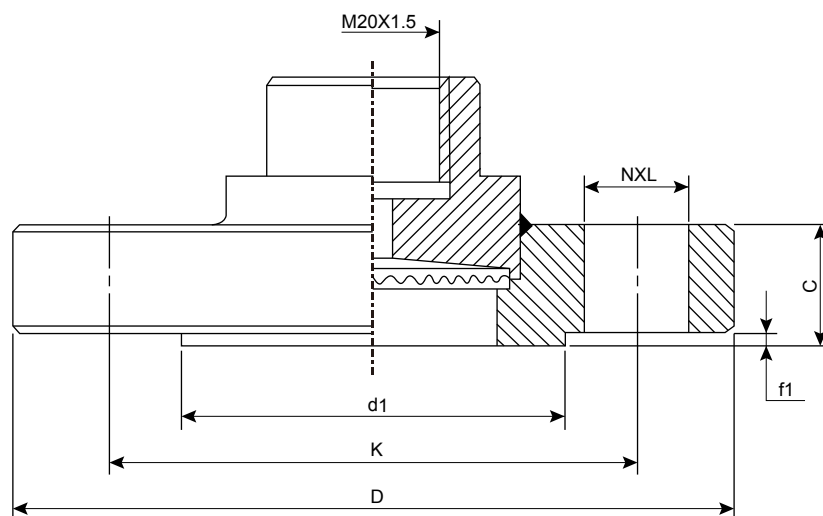
Specification

Flange material	Standard: 316LSS	
	Option: 316LSS with ETFE coated, Tantalum, Titanium, Hastelloy C, Monel	
Diaphragm material	Standard: 316LSS	
	Option: 316LSS with ETFE coated, Tantalum, Titanium, Hastelloy C, Monel	
Gauge connection	M20*1.5 female thread	
Flange size	ASME B16.5	EN1092-1
	1/2"...1", 150#...300#	DN15...DN25, PN10...PN40
Filled fluid	Code L: low temperature silicone oil(optional)	-40...150 °C
	Code B: silicone oil(standard)	-30...170 °C
	Code F: high temperature Synthetic oil(optional)	-20...350 °C

Min pressure range

Diaphragm diameter(mm)	Gauge pressure(bar)	Absolute pressure(bar)
35.5	0...1.6	-1..0.6
42	0...1	-1..0
48	0...1	-1..0

Dimensions(mm)



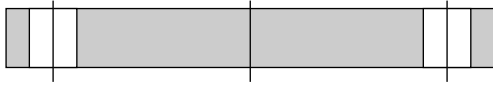
ASME B16.5 or HG/T 20615 RF standard size(mm)

DN	Class	D	K	d1	C	f1	N	L	M
1/2"	150	90	60.5	35	22	2	4	16	35.5
	300	95	60.5	35	22	2	4	16	42
3/4"	150	100	70	43	22	2	4	16	42
	300	120	82.5	43	22	2	4	20	42
1"	150	110	79.5	51	22	2	4	16	48
	300	125	89	51	22	2	4	20	48

EN1092-1 or HG/T 20592 RF standard size(mm)

DN	PN	D	K	d1	C	f1	N	L	M
15	10/40	95	65	45	22	2	4	14	42
20	10/40	105	75	58	22	2	4	14	42
25	10/40	115	85	68	22	2	4	14	48

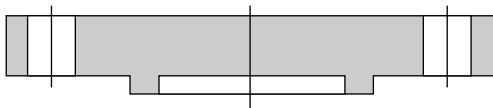
Sealing type



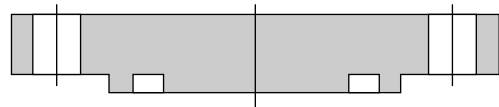
FF



RF



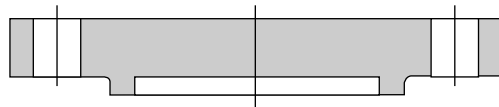
T



G



M



FM



RJ

D51 ordering code

Code		Specification	
1.		D51	Series
		Flange standard	
2.		A	ASME B16.5
		E	EN1092-1
		C	HG/T 20615-2009
		P	HG/T 20592-2009
		Flange size	
3.		ASME B16.5 or HG/T 20615-2009	
		02	1/2"
		05	3/4"
		10	1"
		EN 1092-1 or HG/T 20592-2009	
		A	DN15
		B	DN20
		D	DN25
		Flange rating	
4.		ASME B16.5 or HG/T 20615-2009	
		5	Class 150
		3	Class 300
		EN 1092-1 or HG/T 20592-2009	
		L	PN 10
		P	PN 16
		K	PN 25
		Sealing type	
5.		R	RF
		F	FF
		N	FM
		M	M
		S	T
		G	G
		T	RJ
		Diaphragm material	
6.		L	316LSS
		P	316LSS with ETFE coated, thickness 10µm, temperature -20...150 C
		H	Hastelloy C
		A	Tantalum
		M	Monel
		T	Titanium
		Wetted parts(without diaphragm)	
7.		L	316LSS
		P	316LSS with ETFE coated, thickness 10µm, temperature -20...150 C
		H	Hastelloy C
		A	Tantalum
		M	Monel
		T	Titanium

D39 ordering code

Code		Specification
8.		Capillary
		0 None
		1 1m 304SS Capillary
		2 2m 304SS Capillary
		4 4m 304SS Capillary
		6 6m 304SS Capillary
		8 8m 304SS Capillary
9.		Filled fluid
		B Standard silicon oil (-30...170°C)
		L Low temperature silicon oil (-40...150°C)
		F High temperature synthetic oil(-20...350°C)
10.		Option
		FP Foil PTFE on wetted parts
		TI Titanium flange material
		TA Tantalum flange material