



**Special Features**

- Welded diaphragm
- Most suitable for slurry & corrosive service
- Flushing ring, flange & diaphragm are
- Available in various type of SS & exotic materials

**Application**

- Diaphragm seals are provided in the instruments like pressure Gauges, switches, transmitters in order to isolate the sensing Element from the main service due to its corrosive, viscous and Sedimented nature and to avoid clogging and solidification.
- These kind of seals are widely used in the viscous & corrosive services where flushing is required periodically & frequently

**Specifications**

**Standard Version ( For Flange Size 1" And Above)**

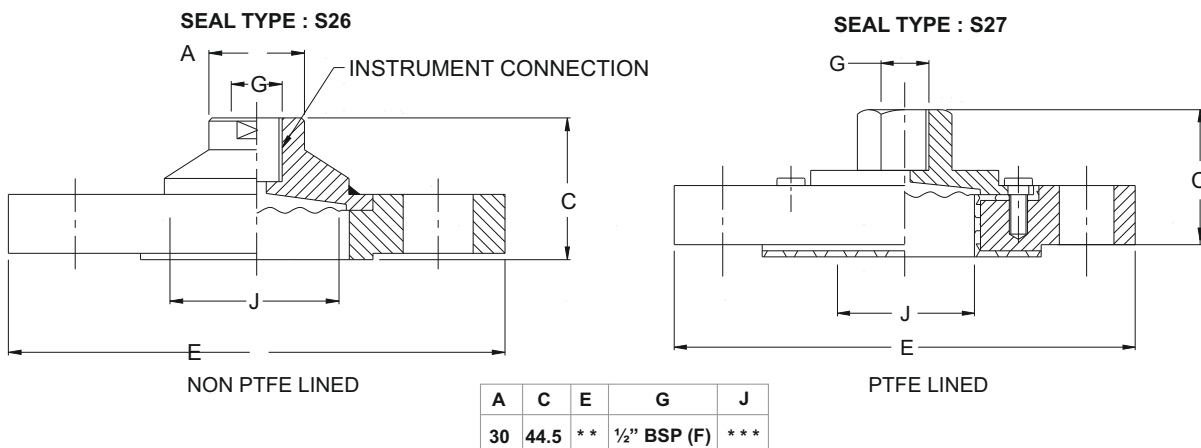
(Compatible Models : AC, AE, AH, AI, AL, AQ, BA, BE, BI, BJ & BT)

Seal type	:	S26 = -1 to 0 kg/cm <sup>2</sup> & 0 to 250 kg/cm <sup>2</sup> (Non PTFE Lined)*(Standard)
	:	S27 = -1 to 0 kg/cm <sup>2</sup> & 0 to 40 kg/cm <sup>2</sup> (PTFE Lined)*
Process temperature	:	Max. 150 °C for PTFE lined
	:	- 40 °C to 200 °C for without PTFE lined
Instrument connection	:	1/2" BSP (F)
Process connection	:	Flange( As per DIN/BS/ANSI/JIS), 25 NB(1") & above
Fill fluid	:	Silicon Oil - DC 200
Flange finish	:	125-250 AARH

\* Range of selected instrument shall be suitable to flange pressure rating.

Diaphragm	:	AISI 316L SS
Top chamber	:	AISI 304 SS
Flange	:	AISI 316 SS

**Dimensions - Standard Version**



\*\* As per standard flange table ANSI, DIN, BS, JIS, Etc.,

\*\*\* Diaphragm Dia. to suit Flange

**Flange Table With Ordering Codes**

**How To Select**

E.g. For flange size of 1 1/2" 150# as per ANSI B 16.5 with raised face : B33 - A2

**A2** Raised Face

**A3** Flat Face

Flange Finish shall be 125 - 250 AARH as a standard. For other finish, please consult factory.

**As Per EN 1092-1**

DN	PN	CODE
25	6	A26
	10	A27
	16	A28
	25	A29
	40	A30
	64	A31
	100	A32
	160	A33
	250	A34
400	A35	
40	6	A41
	10	A42
	16	A43
	25	A44
	40	A45
	64	A46
	100	A47
	160	A48
	250	A49
400	A50	
50	6	A51
	10	A52
	16	A53
	25	A54
	40	A55
	64	A56
	100	A57
	160	A58
	250	A59
400	A60	

DN	PN	CODE
65	6	A61
	10	A62
	16	A63
	25	A64
	40	A65
	64	A66
	100	A67
	160	A68
	250	A69
400	A70	
80	6	A71
	10	A72
	16	A73
	25	A74
	40	A75
	64	A76
	100	A77
	160	A78
	250	A79
400	A80	

**As Per BS - 10**

NOMINAL SIZE	TABLE	CODE
1"	D	B96
	E	B97
	F	B98
	H	B99
	J	C01
	K	C02
1 1/2"	D	C09
	E	C10
	F	C11
	H	C12
	J	C13
	K	C14
2"	D	C15
	E	C16
	F	C17
	H	C18
	J	C19
	K	C20

**As Per JIS - B 2239**

NOMINAL SIZE	RATING /CLASS	CODE
25A	5K	B66
	10K	B67
	40K	B68
40A	5K	B72
	10K	B73
	40K	B74
50A	5K	B75
	10K	B76
	40K	B77
65A	5K	B78
	10K	B79
	40K	B80
80A	5K	B81
	10K	B82
	40K	B83

NOMINAL SIZE	TABLE	CODE
2 1/2"	D	C21
	E	C22
	F	C23
	H	C24
	J	C25
	K	C26
3"	D	C27
	E	C28
	F	C29
	H	C30
	J	C31
	K	C32

**As Per ANSI B 16.5**

NOMINAL SIZE	RATING /CLASS	CODE	NOMINAL SIZE	RATING /CLASS	CODE
1"	150	B21	2 1/2"	150	B45
	300	B22		300	B46
	600	B23		600	B47
	900	B24		900	B48
	1500	B25		1500	B49
	2500	B26		2500	B50
1 1/2"	150	B33	3"	150	B51
	300	B34		300	B52
	600	B35		600	B53
	900	B36		900	B54
	1500	B37		1500	B55
	2500	B38		2500	B56
2"	150	B39			
	300	B40			
	600	B41			
	900	B42			
	1500	B43			
	2500	B44			

