

■ YPG Series Pressure Gauge

These pressure gauges are used for accurate and reliable measurement of hydraulic pressure. They are constructed from mechanical bourdon tube.

Pressure gauges are built for highest standard of quality, performance, reliability and durability.

■ Features

- SS304, polished case.
- SS316/ PB bourdon tube.
- Brass connections.
- IP65 protection.
- Twin O-ring for leak tight enclosure.
- Overload protection up to 130%.



Graphical Symbol



■ Specifications

Model Numbers	Max.Pressure Range kgf/cm ² *	Accuracy % of FSD	Process Connection	Mass (kg) (Approx.)			
				Mounting Type			
				FB	FB-F	SB	SB-F
YPG-63-*-*-*-*10	400	1.6	G01	0.25	0.22	0.18	0.24
			G02	0.27	0.24	0.20	0.26
			G02	0.50	0.48	0.43	0.46
			G03	0.53	0.51	0.45	0.48
YPG-100-*-*-*-*10			G04	0.55	0.52	0.48	0.50

Note : * Outside Scale– kgf/cm² , Inside Scale -psi.

■ Model Number Designation

YPG	-63	- G	- 100	- G02	- FB	- F	- 10
Series Number	Dial Size	Case Filling	Pressure Range kgf/cm ² *	Process * Connection	Connection Orientation	Mounting Type	Design Number
YPG : Pressure Gauge	63 : Ø63mm	G : Glycerin S : Silicon None : No filling	16 : 0 to 16 25 : 0 to 25 40 : 0 to 40 60 : 0 to 60 70 : 0 to 70 100 : 0 to 100 140 : 0 to 140 160 : 0 to 160 210 : 0 to 210 250 : 0 to 250 280 : 0 to 280 400 : 0 to 400	G01 : G1/8 G02 : G1/4	FB : Face Mounting Back Entry SB : Surface Mounting Bottom Entry	F : Front Panel (only for FB type) S : Surface Plate (only for SB type) None : No Plate	10
	100 : Ø100mm			G02 : G1/4 G03 : G3/8 G04 : G1/2			

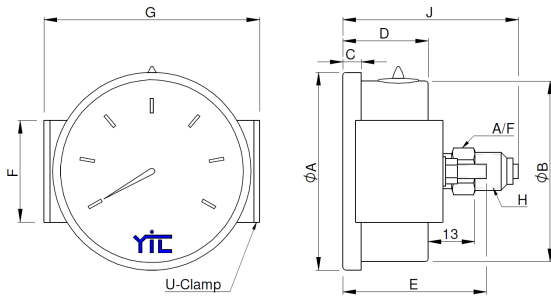
Note : * Other Pressure ranges on request.

* Consult YIL For special process connection (NPT, Metric & other).

■ YPG-***-FB-10

Dimensions in
Millimeters

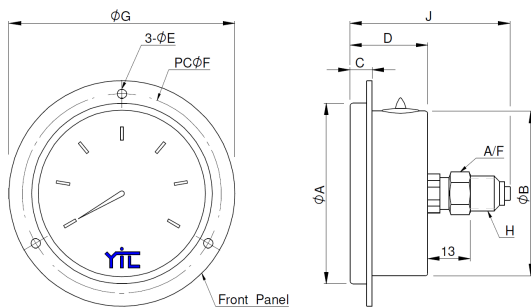
● Face Mounting-Back Entry



Model	ØA	ØB	C	D	E	F	G	H (Thread Size)	A/F	J
YPG-63	68	61.5	7.5	32.5	52.0	32.0	71.5	G1/8	14.0	55.5
								G1/4	14.0	60.5
YPG-100	108	98.5	7.5	33.5	60.5	32.5	111.5	G1/4	14.0	61.5
								G3/8	17.0	65.5
								G1/2	22.0	69.5

■ YPG-***-FB-F-10

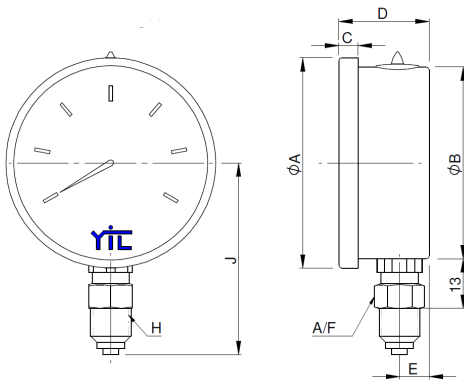
● Face Mounting-Back Entry-Front Panel



Model	ØA	ØB	C	D	ØE	PCØF	ØG	H (Thread Size)	A/F	J
YPG-63	68	61.5	11.5	32.5	3.6	75	85	G1/8	14.0	55.5
								G1/4	14.0	60.5
YPG-100	108	98.5	11.5	33.5	5.0	118	132	G1/4	14.0	61.5
								G3/8	17.0	65.5
								G1/2	22.0	69.5

■ YPG-***-SB-10

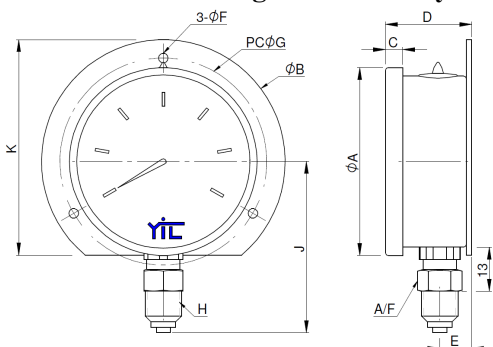
● Surface Mounting-Bottom Entry



Model	ØA	ØB	C	D	E	H (Thread Size)	A/F	J
YPG-63	68	61.5	7.5	32.5	10.3	G1/8	14.0	53.5
						G1/4	14.0	58.5
YPG-100	108	98.5	7.5	33.5	10.3	G1/4	14.0	63.0
						G3/8	17.0	81.5
						G1/2	22.0	85.0

■ YPG-***-SB-S-10

● Surface Mounting-Bottom Entry-Surface plate



Model	ØA	ØB	C	D	E	ØF	PCØG	H (Thread Size)	A/F	J	K
YPG-63	68	85	7.3	37	13	3.6	75	G1/8	14.0	53.5	78
								G1/4	14.0	58.5	78
YPG-100	108	132	7.9	38	13	5.0	116	G1/4	14.0	63.0	122
								G3/8	17.0	81.5	122
								G1/2	22.0	85.0	122

Ordering Information

Example : Pressure gauge having 100 mm dial size with Glycerin filled, measuring range of 0 ~ 100 kgf/cm², face mounting back entry with G3/8" Process connection : **YPG-100-G-100-G03-FB-10**, Material Number : **88000000261**

Preferred Series List

Sl.No	Model code	Material Number
1	YPG-63-G-16-G02-FB-10	88000000009
2	YPG-63-G-16-G02-SB-10	88000000011
3	YPG-63-G-25-G02-FB-F-10	88000000016
4	YPG-63-G-25-G02-FB-10	88000000017
5	YPG-63-G-25-G02-SB-S-10	88000000018
6	YPG-63-G-25-G02-SB-10	88000000019
7	YPG-63-G-40-G02-SB-S-10	88000000026
8	YPG-63-G-40-G02-SB-10	88000000027
9	YPG-63-G-70-G02-FB-F-10	88000000040
10	YPG-63-G-70-G02-FB-10	88000000041
11	YPG-63-G-70-G02-SB-S-10	88000000042
12	YPG-63-G-70-G02-SB-10	88000000043
13	YPG-63-G-100-G02-FB-F-10	88000000048
14	YPG-63-G-100-G02-FB-10	88000000049
15	YPG-63-G-100-G02-SB-S-10	88000000050
16	YPG-63-G-100-G02-SB-10	88000000051
17	YPG-63-G-160-G02-FB-F-10	88000000064
18	YPG-63-G-160-G02-FB-10	88000000065
19	YPG-63-G-160-G02-SB-S-10	88000000066
20	YPG-63-G-160-G02-SB-10	88000000067
21	YPG-63-G-210-G02-FB-F-10	88000000072
22	YPG-63-G-210-G02-FB-10	88000000073
23	YPG-63-G-210-G02-SB-S-10	88000000074
24	YPG-63-G-210-G02-SB-10	88000000075
25	YPG-63-G-250-G02-FB-F-10	88000000080
26	YPG-63-G-250-G02-FB-10	88000000081
27	YPG-63-G-250-G02-SB-10	88000000099
28	YPG-100-G-16-G03-FB-10	88000000201
29	YPG-100-G-16-G03-SB-10	88000000203
30	YPG-100-G-25-G03-FB-F-10	88000000212
31	YPG-100-G-25-G03-FB-10	88000000213
32	YPG-100-G-25-G04-FB-10	88000000217
33	YPG-100-G-25-G04-SB-10	88000000219

Preferred Series List

Sl.No	Model code	Material Number
34	YPG-100-G-40-G02-FB-10	88000000221
35	YPG-100-G-40-G02-SB-10	88000000223
36	YPG-100-G-40-G03-FB-F-10	88000000224
37	YPG-100-G-40-G03-SB-10	88000000227
38	YPG-100-G-70-G02-FB-10	88000000245
39	YPG-100-G-70-G02-SB-10	88000000247
40	YPG-100-G-70-G03-SB-10	88000000251
41	YPG-100-G-100-G03-FB-F-10	88000000260
42	YPG-100-G-100-G03-FB-10	88000000261
43	YPG-100-G-100-G03-SB-10	88000000263
44	YPG-100-G-100-G03-SB-S-10	88000000262
45	YPG-100-G-160-G03-FB-F-10	88000000284
46	YPG-100-G-160-G03-FB-10	88000000285
47	YPG-100-G-160-G03-SB-S-10	88000000286
48	YPG-100-G-160-G03-SB-10	88000000287
49	YPG-100-G-160-G04-FB-10	88000000289
50	YPG-100-G-210-G03-FB-F-10	88000000296
51	YPG-100-G-210-G03-FB-10	88000000297
52	YPG-100-G-210-G03-SB-10	88000000299
53	YPG-100-G-250-G02-FB-F-10	88000000304
54	YPG-100-G-250-G02-FB-10	88000000305
55	YPG-100-G-250-G03-FB-F-10	88000000308
56	YPG-100-G-250-G03-FB-10	88000000309
57	YPG-100-G-250-G03-SB-S-10	88000000310
58	YPG-100-G-250-G03-SB-10	88000000311
59	YPG-100-G-250-G04-FB-10	88000000313
60	YPG-100-G-250-G04-SB-10	88000000315
61	YPG-100-G-280-G02-FB-F-10	88000000316
62	YPG-100-G-280-G03-FB-F-10	88000000320
63	YPG-100-G-400-G03-FB-F-10	88000000332
64	YPG-100-G-400-G03-FB-10	88000000333
65	YPG-100-G-400-G03-SB-S-10	88000000334
66	YPG-100-G-400-G03-SB-10	88000000335

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