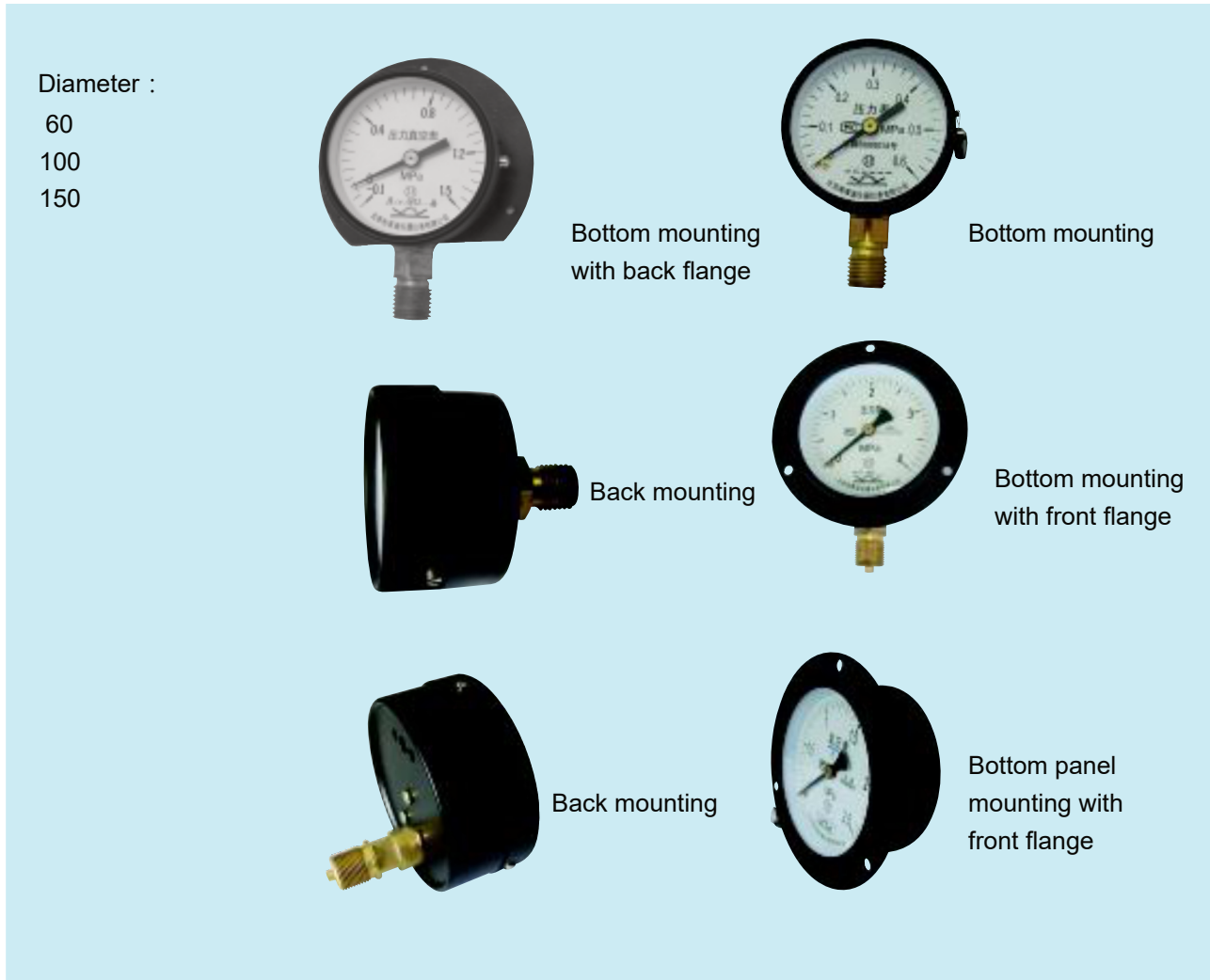


(60/100/150)

CMC General Service Pressure Gauges

Y-060
Y-100
Y-150



PRODUCT OVERVIEW

Y series General Service Pressure Gauge suitable for the non-explosion, non-crystal, non-solid and non-corrosion to the copper alloy. The pressure system consists of socket, bourdon tube and transfer mechanism and show the value through the pointer. The pressure gauge of 60, 100, and 150mm has many ways to mount: bottom mounting, bottom mounting with back flange, bottom panel mounting with front flange, back mounting, back panel mounting with front flange and so on.



CMC TECHNOLOGIES

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MODEL 060/100/150

Specifications

Accuracy: ϕ 60 2.5% , ϕ 100 / ϕ 150 1.5%

Range: Negative pressure 0.1-0 ; -0.1-0.06 to
-0.1-2.4MPa positive pressure ϕ 60 0-0.1 to
0-25MPa ϕ 100 ϕ 150 0-0.1 to 0-60MPa

Working pressure: Steady: 3/4 of full scale value;
Fluctuating: 3/2 of full scale value;
Short time: full scale value.

Ambient temperature:-40 ~ 70°C
(Relative humidity \leq 85%)

Temperature impact: The temperature change is not
more than 0.6%/10°C when the temperature deviates
from 20 \pm 5°C.

Bourdon tube/socket: Soft soldering for phosphor bronze
bourdon tube and brass socket. High temperature type,
40% Silver soldering available for Stainless Steel
Bourdon tube.

Internals: Copper alloy, right-handed machine ϕ 60°C20"

Case: ST13 black plastic plated

Dial: white, aluminium with black calibration line.

Pointer: Aluminium, black.

Window: common glass

Connection: 60 M14 \times 1.5; 100/150 M20 \times 1.5
Other standard available.

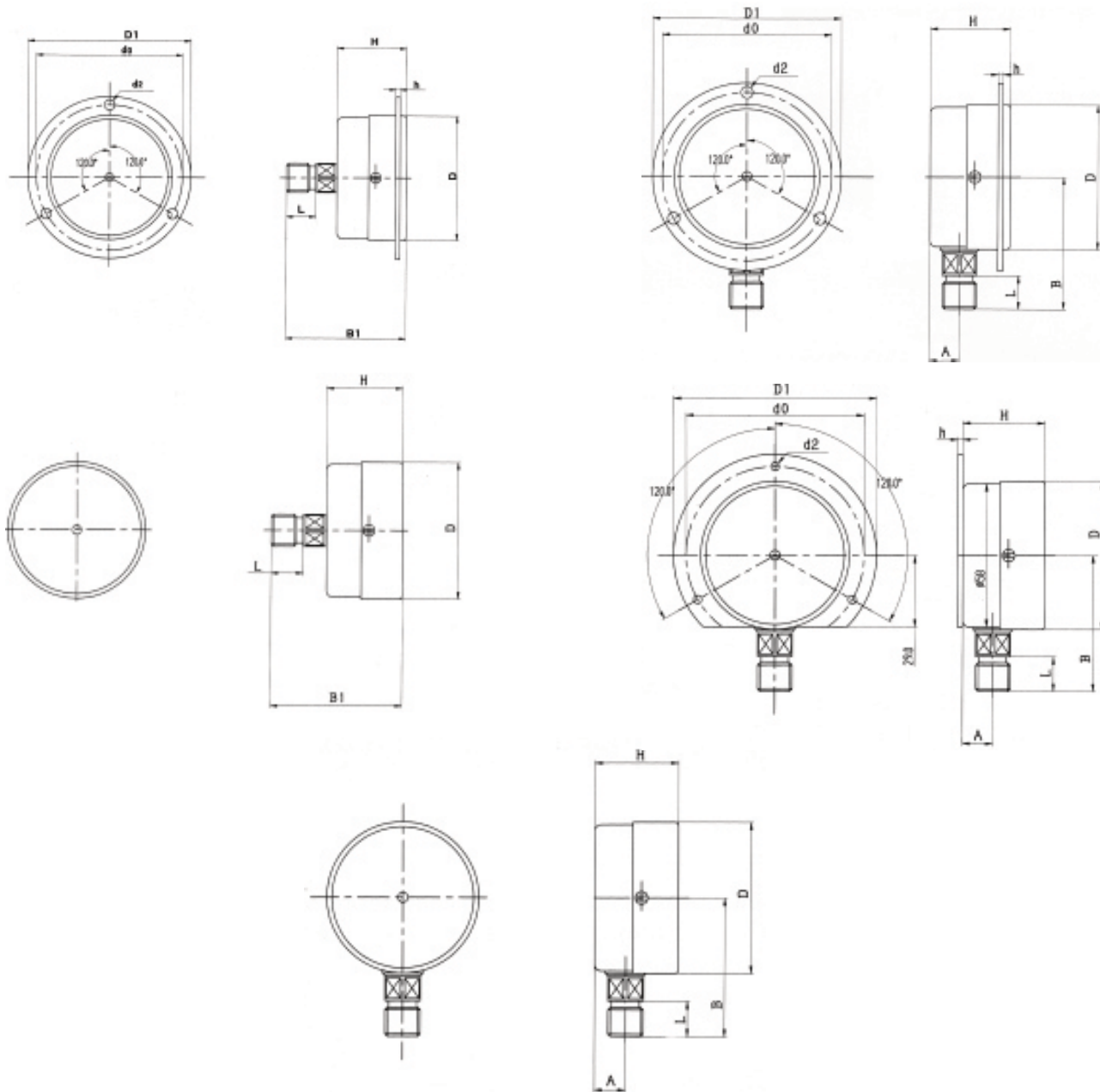
RANGES

TABLE OF RANGES					
code	ranges	code	ranges	code	ranges
M500	-0.1-0MPa	M040	0.16 MPa	M200	6 MPa
M510	-0.1-0.06 MPa	M060	0.25 MPa	M220	10 MPa
M520	-0.1-0.15 MPa	M080	0.4 MPa	M230	16 MPa
M 530	-0.1-0.3 MPa	M100	0.6 MPa	M240	25 MPa
M540	-0.1-0.5 MPa	M120	1 MPa	M270	40 MPa
M550	-0.1-0.9 MPa	M140	1.6 MPa	M280	60 MPa
M560	-0.1-1.5 MPa	M160	2.5 MPa		
M030	0.1 MPa	M180	4 MPa		
M570	-0.1-2.4MPa				



MODEL 060/100/150

(60) Dimensions



Unit: mm

Typecode	D	D1	d0	A	B1	B	H	h	L	d2	b
Y-060. AO. 200 (Y-60)	60			12.5		55	33		14		
Y-060. AT. 200 (Y-60TQ)	60	78	70	12.3		55	33	2	14	3-φ 5	
Y-060. AH. 200 (Y-60T)	60	82	72	12.3		55	33	2	14	3-φ 3.4	
Y-060. ZO. 200 (Y-60Z)	60				57.5		33		14		
Y-060. ZT. 200 (Y-60ZT)	60	78	70		57.5		33		14	3-φ 3	
Y-060. AO. C20 (Y-60C)	58.5					53	30		14		
Y-060. ZO. C20 (Y-60ZC)	58.5				54.5		30		14		
Y-060. ZT. C20 (Y-60ZTC)	58.5	85	75		54.5		30	1.5	14	3-φ 3.6	



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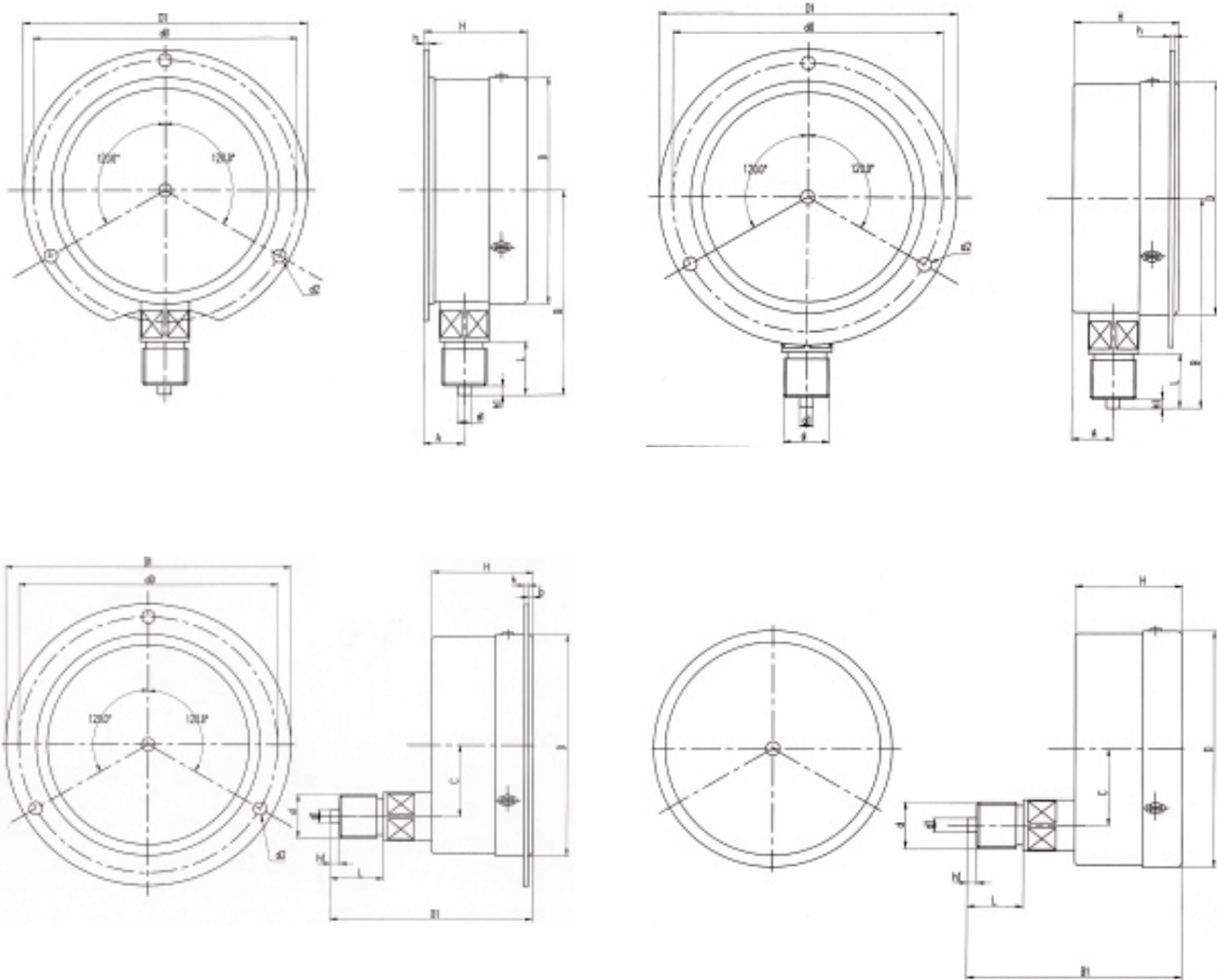
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MODEL 060/100/150

100/150

Dimensions



Unit (mm)

Typecode	D	D1	d0	A	B1	B	H	h	L	d2	d1	h1	c
Y-100. AO. 200 (Y-100)	102			18		92	46.5		20		φ 6	4	
Y-100. AT. 200 (Y-100TQ)	102	130	118	18		92	46.5	2	20	3-φ 6	φ 6	4	
Y-100. AH. 200 (Y-100T)	102	127	118	18		92	46.5	2	20	3-φ 6	φ 6	4	
Y-100. BO. 200 (Y-100Z)	102				92		46.5		20		φ 6	4	33
Y-100. BT. 200 (Y-100ZT)	102	130	118		92		46.5	2	20	3-φ 6	φ 6	4	33
Y-150. AO. 200 (Y-150)	150			17.5		120	47		20		φ 6	4	
Y-150. AT. 200 (Y-150TQ)	150	180	165	17.5		120	47		20		φ 6	4	
Y-150. AH. 200 (Y-150T)	150	180	165	21		120	50.5	5	20	3-φ 6	φ 6	4	
Y-150. BO. 200 (Y-150Z)	150				95		47		20		φ 6	4	53
Y-150. BT. 200 (Y-150ZT)	150	180	165		95		47	2	20	3-φ 6	φ 6	4	53

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HOWTO ORDER

	CODE	CHARACTERISTICS						
Basic type	Y	General service pressure gaug						
Diameter								
	060	φ 60						
	100	φ 100						
	150	φ 150						
Mounting	AO	Bottom mounting						
	AT	Bottom mounting with front flange						
	AH	Bottom mounting with back flange						
	ZO	Backmounting						
	ZT	Back mounting with front flange						
	BO	Lowerbackmounting						
	BT	Lower back mounting with front flange						
Design	200	Iron case/ Fixed with screw						
	C20							
Ranges	M120	1MPa						
Connection	M10	M10 × 1						
	M14	M14 × 1.5						
	M20	M20 × 1.5						
	TOO	Other requests						
Options	BDA	Accuracy: 1%						
	BHA	Accuracy: 1.5%						
	GHB	40% Silver soldering for Stainless Steel tube						
	TPB	Special Dial						

