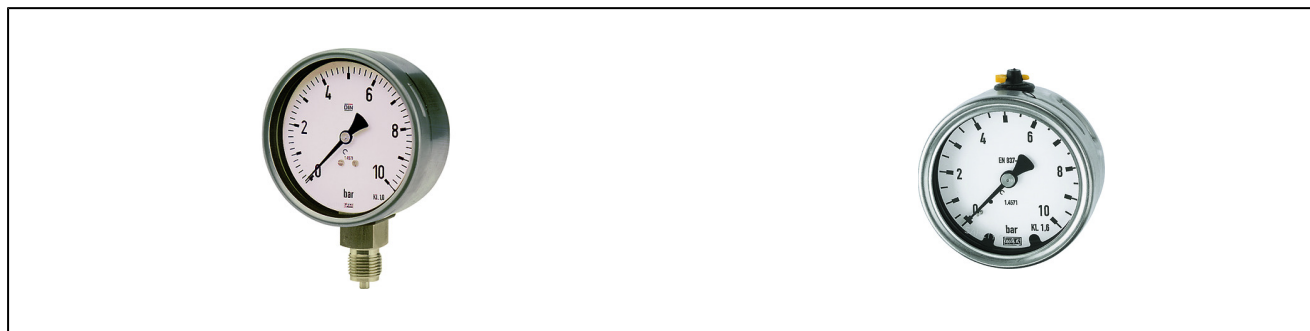
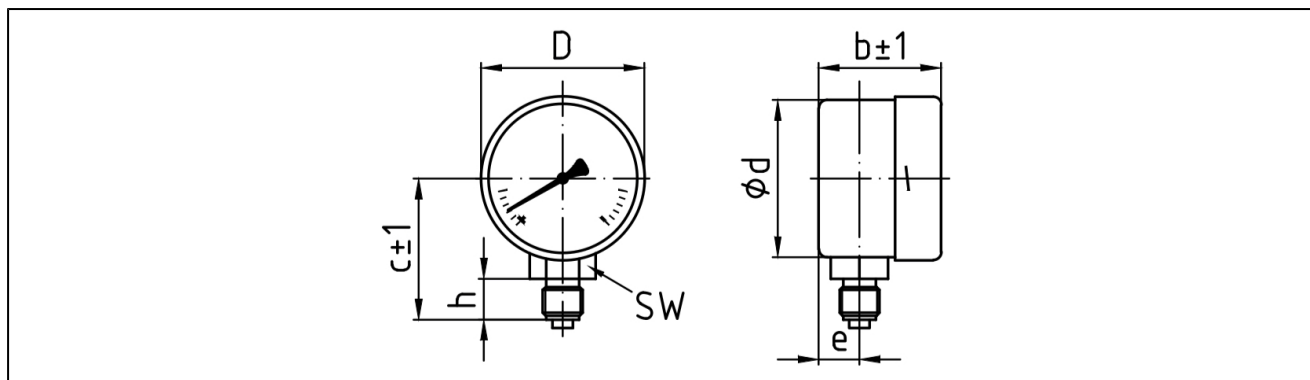


manometer - chemical type series MA029



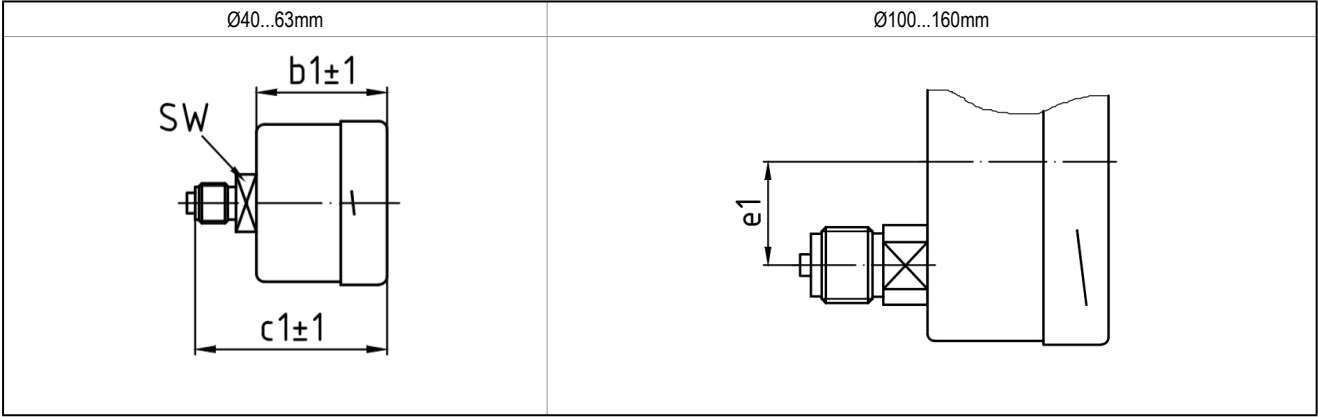
design	bourdon tube manometer - chemical construction according to EN 837-1
nominal size	diameter 40mm, 50mm, 63mm, 100mm and 160mm
accuracy	class 1,6 Ø40...Ø63mm, class 1,0 at Ø100mm and Ø160mm
medium temperature	max. +200°C
ambient temperature	-40...+60°C
temperature effect	±0,4%/10K of full scale on deviation from normal temperature 20°C
protection class	IP54 according to EN60529
material	body stainless steel AISI 304 pressure connection stainless steel AISI 316Ti measuring unit stainless steel AISI 316L motion work stainless steel AISI 316Ti front glass flat instrument glass
application	constant load: full scale, alternating load: 0,9xfull scale, short time: 1,3xfull scale
approvals	ATEX-manufacturer declaration areas 0/20
application	for gaseous and liquid, not highly viscous, not crystallising and aggressive measuring medias, also for aggressive environments

dimensions MA029-B



diameter [mm]	thread	b	c	Ød	D	e	h	SW	weight [app. kg]
40	1/8"	28	34,5	38,5	40	10	10	14	
50	1/8"	29	45	48,5	54	10	13	14	
63	1/4"	33	54	62	64	10	13	14	
100	1/2"	50	82,5	99	101	15	20	22	
160	1/2"	50	118,5	159	161	16	20	22	

dimensions MA029-R



diameter [mm]	thread G	b1	c1	e1	SW	weight [app. kg]
40	1/8"	30	47	-	14	
50	1/8"	31	50	-	14	
63	1/4"	37	59	-	14	
100	1/2" eccentric	48	82	28	22	
160	1/2" eccentric	51	82	28	22	

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice