



# MXT-10264-GGG40-Bronze

## Technical Features

### DUCTILE IRON WITH BONZE TRIM

<b>Design</b>	: DIN 86251 STOP Type (DIN 3356)
<b>Face to Face</b>	: EN 558 Series 8 (DIN 3202 F32)
<b>Flange Dimension</b>	: DIN Flanges acc. to EN 1092-2/B (DIN 2501)
<b>Pressure Rating</b>	: PN 4 - PN 16 (as mentioned in DIN 86251)
<b>Temperature Range</b>	: -10 °C + 180 °C (as mentioned in DIN 86251)
<b>Options</b>	: Regulating disc, drain plug, balance disc
<b>Flange Options</b>	: Special flange drilling acc. to ANSI or JIS

## GLOBE VALVE - ANGLE - BOLTED BONNET DIN LENGTH - STOP TYPE



## PRESSURE AND TEMPERATURE RANGE

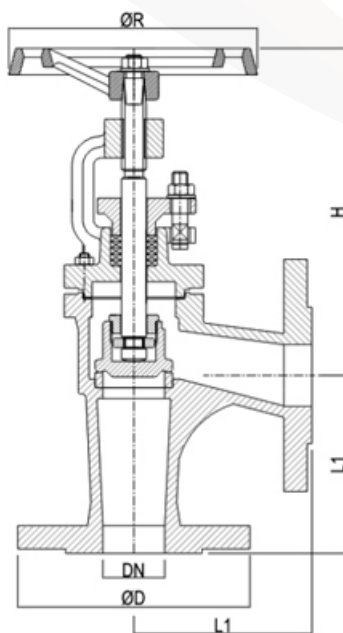
Bore	Permissible working pressure in bar		Hydraulic test pressure in bar for leak - tightness of	
	Working temperature		Casing (Cast)	Closure
	Up to 120 °C	Up to 120 °C - 180 °C		
DN 15 - DN 125	16	10	24	16
DN 150 - DN 200	10	6	15	10
DN 250 - DN 300	6	4	9	6
DN 350 - DN 600	4	2	6	4

For higher differential pressure values, with intergral by-pass disc (BP.) (balance disc)

## MATERIAL SPECIFICATIONS

INTERNAL COMPONENTS	Bronze (RG5)	Low-zinc Bronze (RG10)	Zinc-free Bronze (GBZ10)	COMPLETE RG5
Body, bonnet	EN-GJS400-18-LT (GGG40.3)	EN-GJS400-18-LT (GGG40.3)	EN-GJS400-18-LT (GGG40.3)	EN-GJS400-18-LT (GGG40.3)
Seats	CuSn5Zn5Pb5-C (RG5)	G-CuSn10Zn (RG10)	G-CuSn10	CuSn5Zn5Pb5-C (RG5)
Disc (<65)	CuSn5Zn5Pb5-C (RG5)	G-CuSn10Zn (RG10)	G-CuSn10	CuSn5Zn5Pb5-C (RG5)
Disc (>80)	EN-GJS400-18-LT (GGG40.3)	EN-GJS400-18-LT (GGG40.3)	EN-GJS400-18-LT (GGG40.3)	CuSn5Zn5Pb5-C (RG5)
Stem	CuZn35Ni (SOM59)	CuZn35Ni (SOM59)	CuSn8	CuZn35Ni (SOM59)
Stud bolts, nuts	Steel	Steel	Steel	Steel
Bonnet gasket, gland packing	Graphite	Graphite	Graphite	Graphite
Hand wheel	EN-GJL250 (GG25)	EN-GJL250 (GG25)	EN-GJL250 (GG25)	EN-GJL250 (GG25)

## DIMENSIONS



DN (mm)	ØD		L1 (mm)	H (mm)	ØR (mm)	Weight (kg)
	PN 10	PN 16				
15	95	95	90	155	120	4.2
20	105	105	95	155	120	5.0
25	115	115	100	170	140	6.0
32	140	140	105	175	140	8.0
40	150	150	115	195	160	10
50	165	165	125	205	160	13
65	185	185	145	225	180	18
80	200	200	155	250	200	24
100	220	220	175	305	225	38
125	250	250	200	315	250	50
150	285	285	225	380	300	70
175	315	315	250	400	400	98
200	340	340	275	425	400	107
250	395	405	325	470	520	170
300	445	460	375	550	520	230
350	505	520	425	630	640	410
400	565	580	475	750	640	440
450	615	640	500	925	640	500
500	670	715	515	1250	640	800
600	780	840	450+550	1400	640	1100