



RED-WHITE  
**TOYO**  
 FIG.:500B  
 PN16 BS EN 1171  
 CI  
 EN-GJL-200  
 TRIM B/CR13  
 16bar/-10 TO 120°C  
 12,8bar/200°C  
 FTF-BASIC SERIES 3  
 RISING GATE VALVE

MARKING ON THE PLATE No.16

DIMENSIONS

UNIT : mm

SIZE	d	L	H		D1	FLANGE									
			OPEN	SHUT		D	C	N	h	G	g	T	f		
50	50	178	360	301	180	165	125	4	19	M16	99	20	2		
65	63.5	190	416	340	180	185	145	4	19	M16	118	20	2		
80	78	203	458	371	180	200	160	8	19	M16	132	22	2		
100	100	229	561	448	200	220	180	8	19	M16	156	24	2		
125	125	254	669	529	250	250	210	8	19	M16	184	26	2		
150	150	267	747	584	280	285	240	8	23	M20	211	26	2		
200	200	292	964	751	300	340	295	12	23	M20	266	30	2		

**TOYO**  
 PN16  
 DN100  
 CI  
 BODY MARKING

66	DISC SEAT RING	ASTM B62	
43	WHEEL WASHER	CU PLATE	
42	YOKE SLEEVE	FORGED BRASS	
36	GLAND BOLT	CARBON STEEL	
35	BONNET BOLT	CARBON STEEL	
34	GLAND NUT	CARBON STEEL	
33	BONNET NUT	CARBON STEEL	
30	BODY SEAT RING	ASTM B62	
19	GASKET	GRAPHITE	
16	PLATE	ALUMINUM PLATE	
10	WHEEL NUT	CARBON STEEL	
9	HAND WHEEL	DUCTILE IRON	
8	GLAND PACKING	GRAPHITE	
7	GLAND	DUCTILE IRON	
4	DISC	EN-GJL-200	
3	STEM	ASTM A276 TYPE420	
2	BONNET	EN-GJL-200	
1	BODY	EN-GJL-200	

No.	PART	MATERIAL	NOTE
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FACE TO FACE OR END TO END  
 BS EN 558  
 Basic Series 3  
 END CONNECTION  
 BS EN 1092-2 PN16  
 WALL THICKNESS  
 MAKER'S STANDARD  
 PRESSURE TEST  
 BS EN 12266-1

EN1171 PN16  
 CAST IRON FLANGED  
 GATE VALVE  
 TRIM:B/CR13

APP'D	A.Tsushima	VALVE CODE	FIG.No.
CHK'D	H.Komatsu	EN16-FSRF	500B
CHK'D	N.Kasai	DRAWING No.	
PREP'D	Y.Ushiyama	14A00089	
DATE	JAN.12.'11	MARK	DATE BY

**TOYO** **Toyo Valve Co., Ltd.**