



DIMENSIONS

UNIT: mm

NOMINAL SIZE		END FLANGE											APPROX. MASS (kg)
NPS	DN	d	H	D1	L	BOLT HOLE		g	t	f	D		
						NO.	h						
2	50	50	256	178	203	165	125	4	19	99	20	3	16
2.1/2	65	65	278	178	216	185	145	4	19	118	20	3	22
3	80	80	323	200	241	200	160	8	19	132	22	3	31
4	100	100	365	254	292	220	180	8	19	156	24	3	47
5	125	125	417	300	330	250	210	8	19	184	26	3	68
6	150	150	472	300	356	285	240	8	23	211	26	3	93
8	200	200	533	348	495	340	295	12	23	266	30	3	157
10	250	250	550	400	622	405	355	12	28	319	32	3	219
12	300	300	622	457	698	460	410	12	28	370	32	4	305

NOTE (1) VALVE SIZE (DN) IDENTIFICATION.

NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS
1	BODY	1	CAST IRON	EN-GJL-250
2	BONNET	1	CAST IRON	EN-GJL-250
3	STEM	1	STAINLESS STEEL	CW611N
4	DISC	1	CAST IRON	EN-GJL-250
5	LOCK NUT	1	CAST BRASS	
7	GLAND	1	DUCTILE IRON	EN-GJS-400-18
8	GLAND PACKING	1S	GRAPHITE	
9	HAND WHEEL	1	CAST IRON	EN-GJL-250
10	WHEEL NUT	1	STEEL	S235 JR
16A	NAME PLATE	1	STAINLESS STEEL	
16B	WASHER	1	STEEL	S235 JR
16C	NAME PLATE	1	STAINLESS STEEL	
19	GASKET	1	GRAPHITE	
30	BODY SEAT RING	2	CAST BRONZE	CC491K
34	GLAND NUT	2	STEEL	S235 JR
35	BONNET BOLT	1S	STEEL	S235 JR
36	GLAND BOLT	2	STEEL	S235 JR
40	LOCK PLATE	1	STAINLESS STEEL	X5CrNi18-10
64	STEM NUT	1	CAST BRASS	
66	DISC SEAT RING	2	CAST BRONZE	CC491K
			1S=1 SET	

STANDARD	FACE TO FACE OR END TO END	EN 558 PN16 BASIC SERIES 10
	END CONNECTION	EN 1092-2 PN16
	WALL THICKNESS	ASME B16.1
	PRESSURE TEST	MANUFACTURERS STANDARD
	PRODUCT CODE	510AF
FIGURE	EAEN16-FGF<GA101>	

EN13789 PN16 CAST IRON
GLOBE VALVES

BOLTED BONNET, OUTSIDE SCREW & YOKE,
FLANGED ENDS.

DATE APPD	DEC.13.'18	DRAWING NO	△		
APPD BY	H. NAKAGAWA	R11-A00329	△		
CHKD BY	K. NAKAMURA		△		
DSGND BY	K. HAYASHI		△		
DRAWN BY	S. AMANO		REV-00	MARK	DATE

TOYO Toyo Valve / KITZ Corp.