



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	282	180	178	165	125	4	19	99	20	3	13
2.1/2	65	65	309	180	190	185	145	4	19	118	20	3	17
3	80	80	366	200	203	200	160	8	19	132	22	3	23
4	100	100	415	254	229	220	180	8	19	156	24	3	36
5	125	125	475	254	254	250	210	8	19	184	26	3	49
6	150	150	531	300	267	285	240	8	23	211	26	3	67
8	200	200	642	300	292	340	295	12	23	266	30	3	102
10	250	250	775	350	330	405	355	12	28	319	32	3	174
12	300	300	858	400	356	460	410	12	28	370	32	4	230

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	BRASS	CW611N
4	DISC	1	CAST IRON	EN-GJL-250
7	GLAND	1	DUCTILE IRON	EN-GJS-400-18
8	GLAND PACKING	1S	GRAPHITE	
9	HAND WHEEL	1	CAST IRON	S235 JR
10	WHEEL NUT	1	STEEL	S235 JR
16A	NAME PLATE	1	STAINLESS STEEL	
16B	WASHER	1	STEEL	
16C	NAME PLATE	1	STAINLESS STEEL	
19	GASKET	1	GRAPHITE	
30	BODY SEAT RING	2	CAST BRONZE	CC491K
33	BONNET NUT	1S	STEEL	S235 JR
34	GLAND NUT	2	STEEL	S235 JR
35	BONNET BOLT	1S	STEEL	S235 JR
36	GLAND BOLT	2	STEEL	S235 JR
38	BONNET BUSH	1	CAST BRASS	
64	STEM NUT	1	CAST BRASS	
66	DISC SEAT RING	2	CAST BRONZE	CC491K
97	INDICATOR	1	Zinc BASE ALLOY	
98	INDICATOR PLATE	1	ALUMINIUM	
99	INDICATOR SET NUT	1	STEEL	S235 JR
			1S=1 SET	

STANDARD	FACE TO FACE OR END TO END	EN 558 PN16 BASIC SERIES 3
	END CONNECTION	EN 1092-2 PN16
	WALL THICKNESS	ASME B16.1
	PRESSURE TEST	MANUFACTURERS STANDARD
	PRODUCT CODE	501AF
FIGURE	EAEN16-FSF<GA101>	

EN1171 PN16 CAST IRON
GATE VALVES

BOLTED BONNET, INSIDE SCREW,
NON RISING STEM, FLANGED ENDS.

DATE APPD	DEC.13.'18	DRAWING NO	△		
APPD BY	H. NAKAGAWA	R11-A00328 REV-00	△		
CHKD BY	K. NAKAMURA		△		
DSGND BY	K. HAYASHI		△		
DRAWN BY	S. AMANO		△		
			MARK	DATE	BY

TOYO **Toyo Valve** / KITZ Corp.