



DIMENSIONS UNIT : mm

SIZE		d	L	H1	H2	H3	H4	D	FLANGE				W	d1	S	L1	L2	GEAR UNIT	MASS (Kg)	Q'ty
A	B								C	N	G	Z								
350	14	333	78	309	360	420	41	407	470	16	M24	—	360	—	350	89	68	NO.4	60	
400	16	385	102	348	415	475	41	466	525	16	M27	31	360	—	350	89	68	NO.4	85	
450	18	434	114	372	439	499	41	522	585	20	M27	31	360	M12	350	89	68	NO.4	105	
500	20	482	127	423	488	553	70	575	650	20	M30	34	500	M12	400	134	90	NO.6	160	
600	24	579	154	472	536	601	70	680	770	20	M33	37	500	M16	400	134	90	NO.6	224	

155	SEAL WASHER	CARBON STEEL + NBR	
147	END PLATE	CARBON STEEL	
145B	SPRING WASHER	CARBON STEEL	
145A	SPRING WASHER	CARBON STEEL	
144	GLAND PLATE	CARBON STEEL	
133	NUT	CARBON STEEL	
132	SUPPORT BOLT	ALLOY STEEL	
106	SEAT RUBBER	EPDM	
103	BOTTOM STEM	A276-420 A276-410	SIZE 400~600A SIZE 350A
102	GEAR UNIT		
99	SET BOLT	CARBON STEEL	
67C	STEM BEARING	G/F PTFE	
67B	STEM BEARING	G/F PTFE	
67A	STEM BEARING	G/F PTFE	
60B	KEY	CARBON STEEL	
60A	KEY	CARBON STEEL	
45B	O-RING	EPDM	
45A	O-RING	EPDM	
36	GLAND PLATE BOLT	STAINLESS STEEL	
35	END PLATE BOLT	CARBON STEEL	
16	NAME PLATE	ALUMINUM	
4	DISC	A351-CF8M	
3	STEM	A276-420 A276-410	SIZE 400~600A SIZE 350A
1	BODY	A536 Gr.65-45-12	
No.	PART	MATERIAL (ASTM)	NOTE

FACE TO FACE OR END TO END
BS 5155 WAFER SHORT

END CONNECTION
WAFER TYPE
(BS EN 1092 PN16)

WALL THICKNESS
MAKER'S STANDARD

PRESSURE TEST
MAKER'S STANDARD

PN16
DUCTILE IRON
WAFER TYPE
RUBBER SEATED
BUTTERFLY VALVE
WITH GEAR OPERATOR

APP'D	K.Kobayashi	FIGURE	PRODUCT CODE		
CHK'D	H.Fuseya	PN16L2-N-UME	957MESG		
CHK'D	M.Mochizuki	DRAWING No.			
PREP'D	K.Kohama	L1311S033	△		
DATE	JUL.31.'15		MARK	DATE	BY

Toyo Valve Co., Ltd.