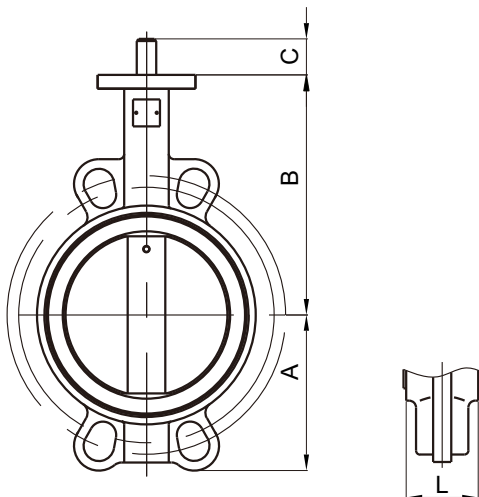


PN16

Wafer Butterfly Valves

Fig. 2302



Valve Standard :

Comply with ISO 5752/BS 5155/
BS EN 593/MSS SP-67/API 609



Pressure Temperature Ratings

Working pressure	16bar
Testing Pressure	Shell:24bar Seal:17.6bar
Working Temperature	-20 °C to 110 °C EPDM Seat
Suitable Media	Water,Oil&Gas

Flange Drilled to :

ANSI 150

Material Specification

Part	Material	ASTM
Body	Cast Iron	A126 Class B
Disc	Ductile Iron	A536 Gr. 65-45-12
Shaft	Stainless Steel	A276 S 410 00
Seat Ring	EPDM	
O-Ring	EPDM	
Bushing	Bronze	B62 C83600

NOTE :

ONLY DN50-DN300 DOUBLE SHAFT DESIGNED VALVES
ARE WRAS APPROVED.

Dimensions

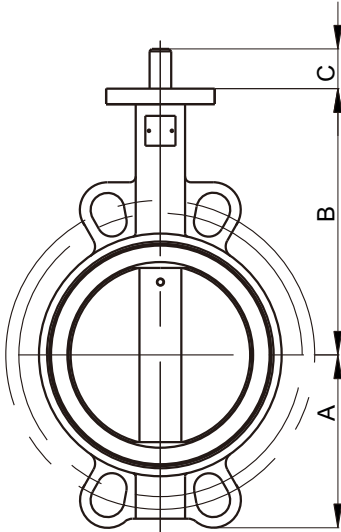
DN	mm	40	50	65	80	100	125	150	200	250	300	350	400
	inch	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16
A		68	80	89	95	114	127	139	175	203	242	267	316
B		110	161	175	181	200	213	226	260	292	337	368	400
C		24	30	30	30	30	30	30	34	34	34	40	52
L		33	42	45	45	51	55	55	60	67	76	76	102

DN	mm	450	500	550	600	650	700	750	800	900	1000	1200	-
	inch	18	20	22	24	26	28	30	32	36	40	48	-
A		334	370	433	468	484	530	565	602	661	724	869	-
B		422	480	533	562	540	626	660	666	722	806	938	-
C		52	64	70	70	70	95	95	95	130	130	150	-
L		114	127	151	151	172	165	167	188	203	216	276	-

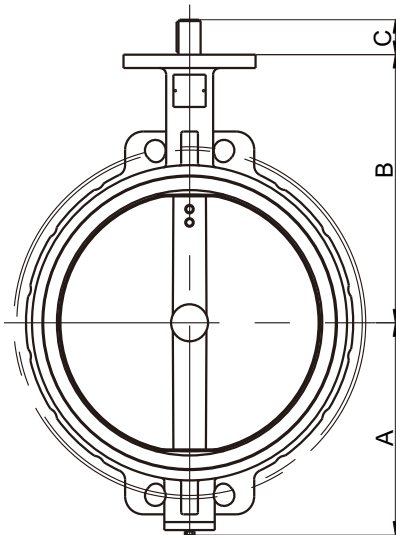
PN16

Wafer Butterfly Valves

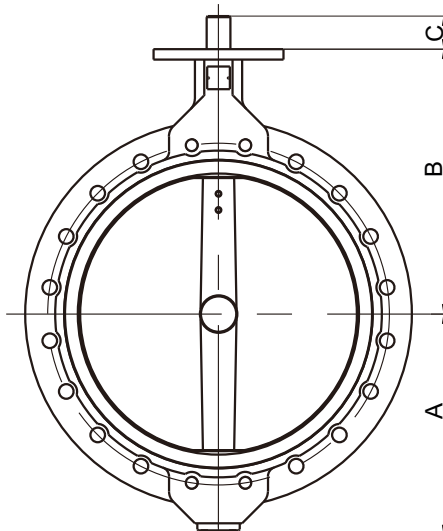
Appearance



Fit DN40-DN350 Wafer Butterfly valves



Fit DN400-DN500 Wafer Butterfly valves



Fit DN550-DN1200 Wafer Butterfly valves

Gear Box

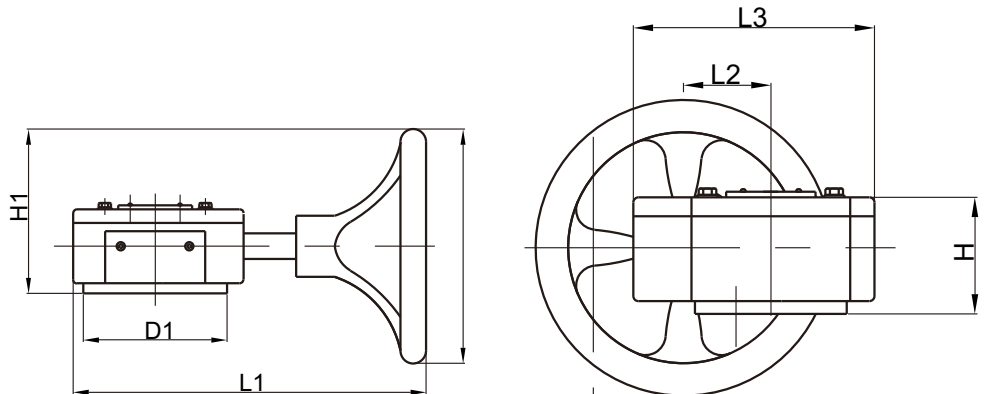
1-Stage Transmission



Material Specification

Part	Material
Housing	Cast Iron
Cover	Cast Iron
Handwheel	Cast Iron

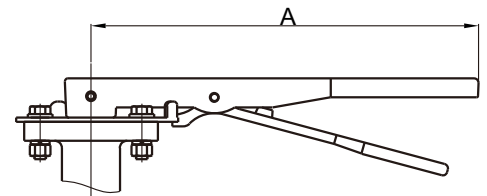
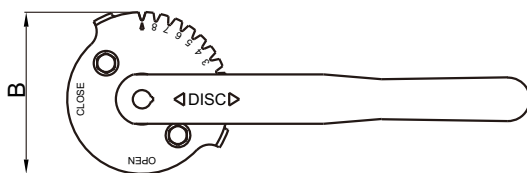
Part	Material
Worm	Carbon Steel
Worm Gear	Ductile Iron
Shaft	Carbon Steel



Dimensions

Model	Concentric Valve									Output Torque N M	Rate
	Size inch	mm	D1	Ø	H	H1 mm	L1	L2	L3		
3D-15	2-6	50-150	108	145	65	113	212	45	129	200	24:1
3D-50	8-10	200-250	146	285	70	182	305	62	171	500	30:1
3D-120	12-14	300-350	165	285	77	182	300	85	198	1200	50:1
XJ80	16-18	400-450	234	385	103	247	423	120	280	2500	80:1
XJ300	20-24	500-600	276	385	143	270	490	122	316	4000	293.5:1

Lever Operator Type 1



Dimensions

DN	mm	50-150	200-300
inch	2-6	8-12	
A (mm)	266	357	
B (mm)	110	163	

Material Specification

Part	Material
Lever	Malleable Iron
Top Plate	Stainless Steel 304

WRAS[®]

Water Regulations Advisory Scheme

This certifies that

GALA RS INC

*has had the undermentioned product examined, tested
and found, when correctly installed, to comply with
the requirements of the United Kingdom Water Supply
(Water Fittings) Regulations/Scottish Water Byelaws.*

GALA 2502 & GALA 2302 BUTTERFLY VALVES (DN50 - DN300)

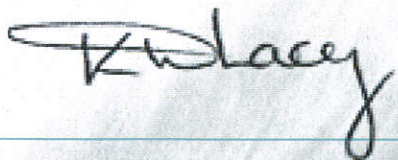
*This certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current
status of an approval must be obtained from the WRAS Directory (www.wras.co.uk/directory)*

*The product so mentioned will be listed in the
Water Fittings and Materials Directory
for a period until:*

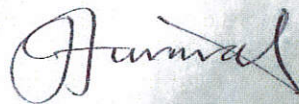
30 NOVEMBER 2018

1311080

Certificate No.



Chairman, Product Approval Group



Secretary

WRAS
**APPROVED
PRODUCT**