

General Arrangement Drawings

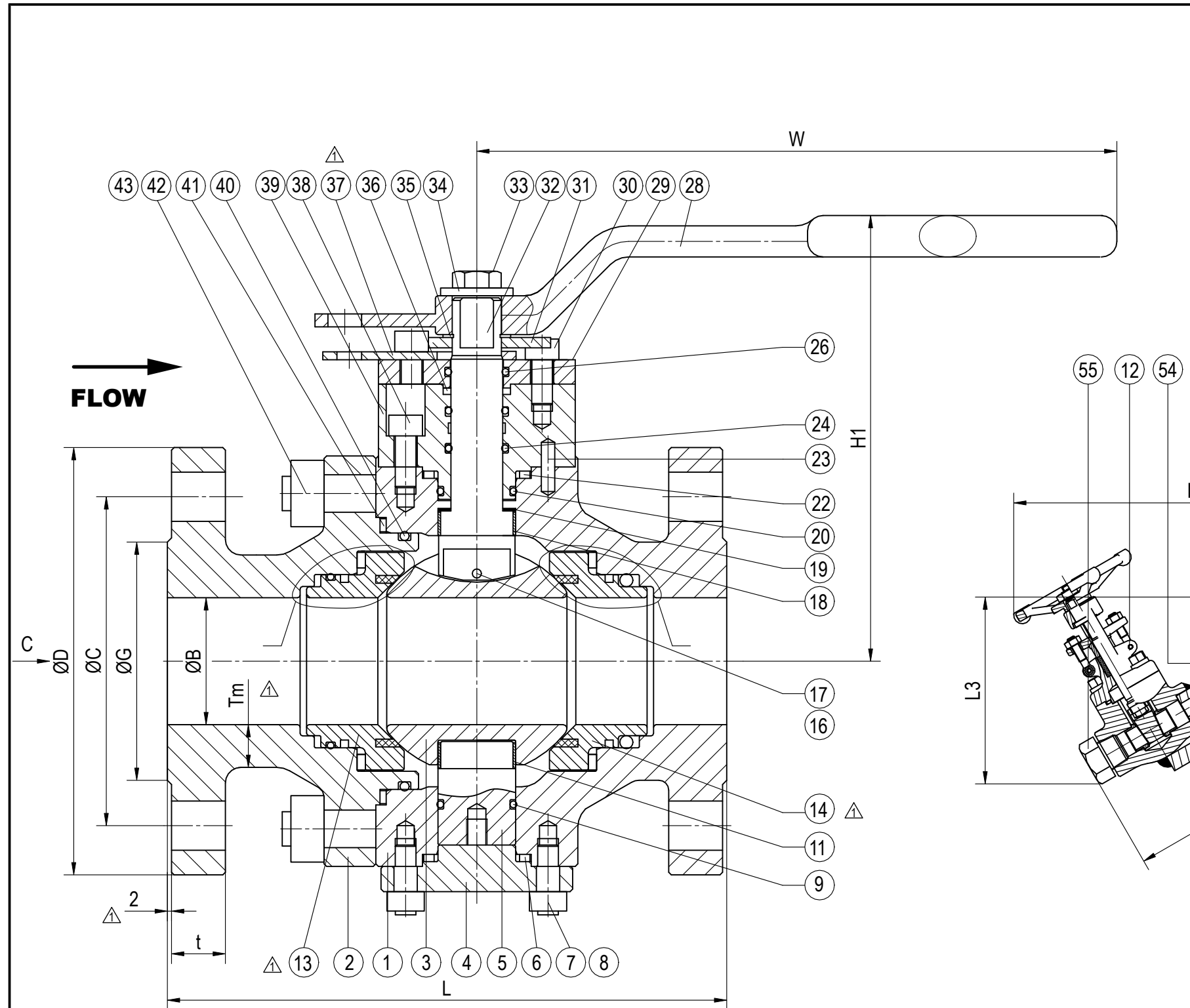
Contractor : O.S.O Kohoin Supplies

Project Name : /

PO Number : RPO - P211028

Neway SAP No.: 10031424

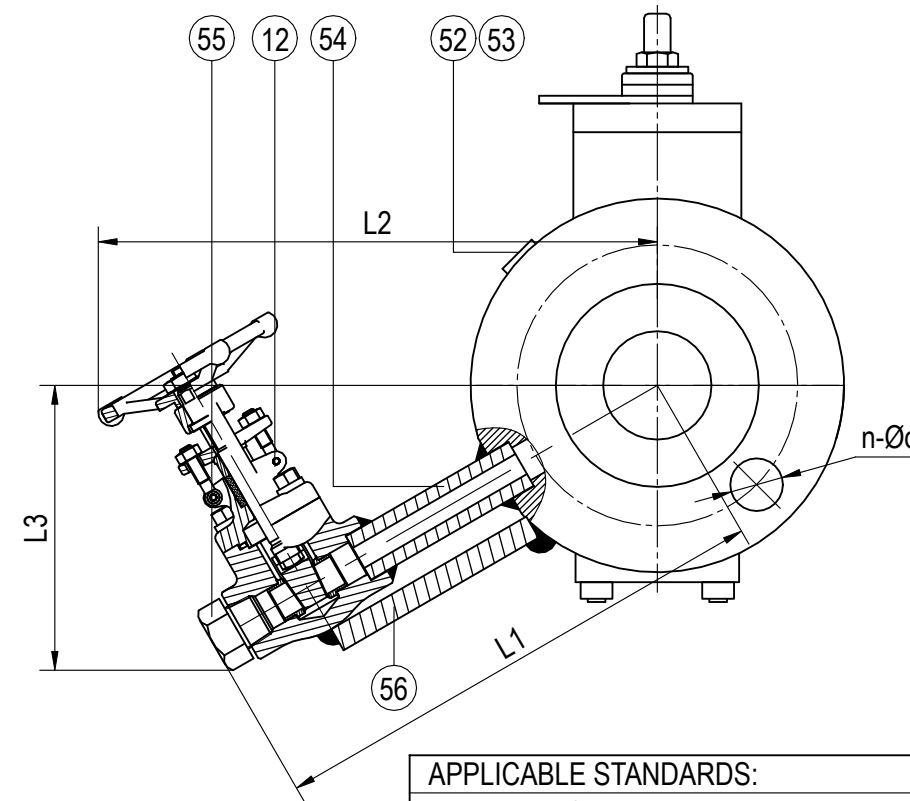
3	18/10/2022	Issue for Review	Ye.Chen	Vic.Yang	Yin.Yang
2	23/12/2021	Issue for Review	Ye.Chen	Yin.Yang	Amy.Lv
1	2/12/2021	Issue for Review	Ye.Chen	Yin.Yang	Amy.Lv
0	17/11/2021	Issue for Review	Ye.Chen	Yin.Yang	Amy.Lv
Rev.	Date	Description of Revision	Prepared	Verified	Approved



NOTE

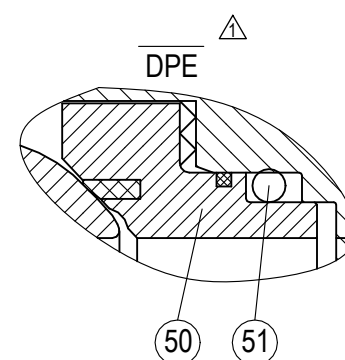
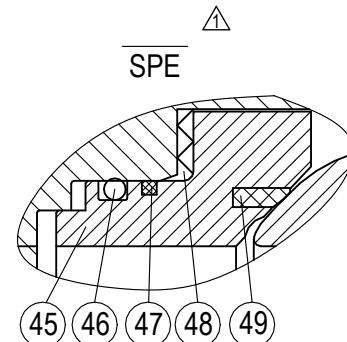
Minimum valve body wall thickness for drain valve shall also consider 6.0mm corrosion allowance.
Minimum valve body wall thickness value for drain gate valve.

VIEW C



NOTE

- RF surface roughness requirement as per ASME B16.5.
- (12)(54) Pipe nipple(NPS 3/4, Sch:XXS)
- Fluoropolymer coating brand shall Xylan 1424.
- Valve comply with NACE MR0175.
- All fillet welds shall be 100% NDE (100% PT for welds).
- Painting system M,
1st coat: Zinc Rich Epoxy (DFT 40-75microns)
2nd coat:High build MIO Epoxy (DFT 100-150 microns)
3rd coat:Polyurethane (DFT 40-60 microns)



APPLICABLE STANDARDS:

Design: API 6D

Inspection & Test: API 6D

Face to Face Dimension: ASME B16.10

End Flanges Dimension: ASME B16.5

56	RIB SUPPORT	1	ASTM A572 GR.70
55	PLUG	1	ASTM A105N
54	PIPE	1	ASTM A106B
53	RIVET	2	ASTM A276 316
52	NAME PLATE	1	ASTM A240 316
51	O-RING	1	FKM LT AED-N9012

50	SEAT RETAINER(DPE)	1	ASTM A182 F51
49	SEAT INSERT	2	RPTFE
48	SPRING	2	INCONEL X-750
47	FIRE SAFE SEAL	2	316L+GRAPHITE
46	O RING	1	FKM LT AED-N9012
45	SEAT RETAINER(SPE)	1	ASTM A182 F51
43	STUD		ASTM A193 B7M+PTFE
42	NUT		ASTM A194 2HM+PTFE
41	GASKET	1	316L+GRAPHITE
40	O RING	1	FKM LT AED-N9012
39	COVER	1	ASTM A105N
38	SCREW	4	ASTM A193 B7M+PTFE
37	LOCK PLATE	1	ASTM A240 316
36	FIRE SAFE SEAL	1	316L+GRAPHITE
35	RETAINER	1	AISI 1566
34	WASHER	1	ASTM A283 GRD
33	BOLT	1	AISI 1035
32	STEM	1	ASTM A182 F51
31	STOP PLATE	1	AISI 1045
30	SCREW	2	ASTM A193 B7M+PTFE
29	TOP FLANGE	1	ASTM A105N
28	LEVER	1	AISI 1045
26	O RING	1	NBR
24	O RING	2	FKM LT AED-N9012
23	PIN	1	ASTM A276 316
22	GASKET	1	316L+GRAPHITE
20	O RING	1	FKM LT AED-N9012
19	THRUST WASHER	1	R-PTFE
18	BEARING	1	316L+PTFE
17	ANTI-STATIC BALL	1	ASTM A276 316
16	ANTI-STATIC SPRING	1	ASTM A313 316
14	SEAT ASSEMBY(DPE)	1	50&49
13	SEAT ASSEMBY(SPE)	1	45&49
12	GATE VALVE	1	ASTM A105N/F51/STL 6
11	BEARING	1	316L+PTFE
9	O RING	1	FKM LT AED-N9012
8	NUT		ASTM A194 2HM+PTFE
7	STUD		ASTM A193 B7M+PTFE
6	GASKET	1	316L+GRAPHITE
5	TRUNNION	1	ASTM A182 F51
4	COVER FLANGE	1	ASTM A105N
3	BALL	1	ASTM A182 F51
2	BODY CAP	2	ASTM A105N
1	BODY	1	ASTM A105N

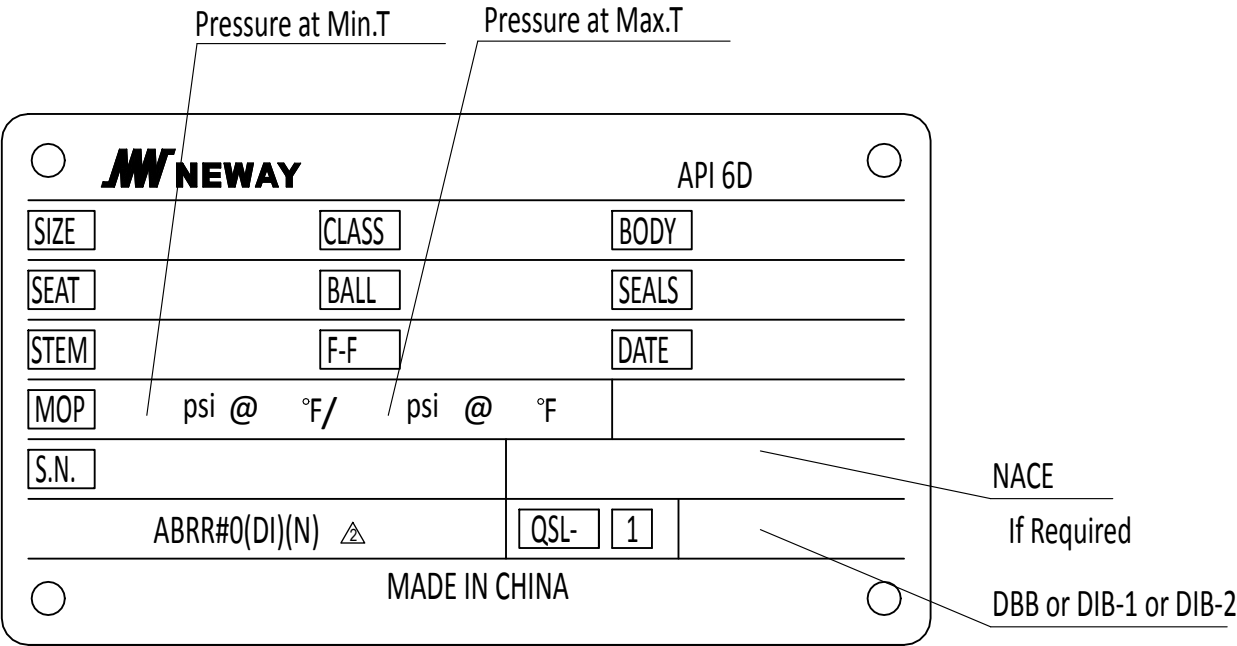
No.	Part Name	QTY.	Material	Note	No.	Part Name	QTY.	Material	Note
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						Shell Test	3.2Mpa
3	Oct.18 2022	Winson.Wang	David.Zhuo	Ecco.Cai	△	Seat Test (Air.)	2.2Mpa
2	Dec.23 2021	Winson.Wang	David.Zhuo	Ecco.Cai	△	Seat Test (Air)	0.6Mpa
1	Dec.2 2021	Winson.Wang	David.Zhuo	Ecco.Cai	△	Type: TM BALL VALVE(FORGING)	
0	Nov.16 2021	Winson.Wang	David.Zhuo	Ecco.Cai	-		
Rev.	Date	DRN	CHK	APRV	Mod.		

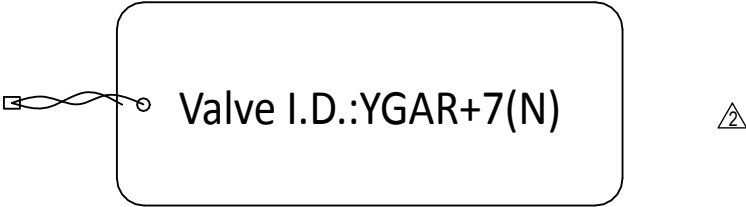
NEWAY
NEWAY VALVE (SUZHOU) CO.,LTD.

Unit[mm]	ABRR#0(DI)(N)	10031424-10	3"	150	74	203	190	152.4	127	17.5	4-Ø19	201	400	270	300	150	12	40
	ID No.	SAP No.	Size	CLASS	B	L	D	C	G	t	n-d	H1	W	L1	L2	L3	Tm	Weight(Kg)

Name Plate Drawing Format



Drain gate valve tag plate



2	2021.12.23	Apple.Jiang	Rex.Yu	Roy.Zhou	△
1	2021.12.02	Apple.Jiang	Rex.Yu	Roy.Zhou	-
Rev.	Date	DRN	CHK	APRV	Mod.
Name Plate Drawing		NEWAY NEWAY VALVE (SUZHOU) CO.,LTD.			