TECHNICAL PASSPORT

OF

FLOATING BALL VALVE

Add: West Section 3, Shenzhen Road, Guanghan, Sichuan, 618300, P.R. China.
Tel: +86 838 5103799 Email: overseas@kconvalve.com Website: www.kconvalve.com

Table of valve information

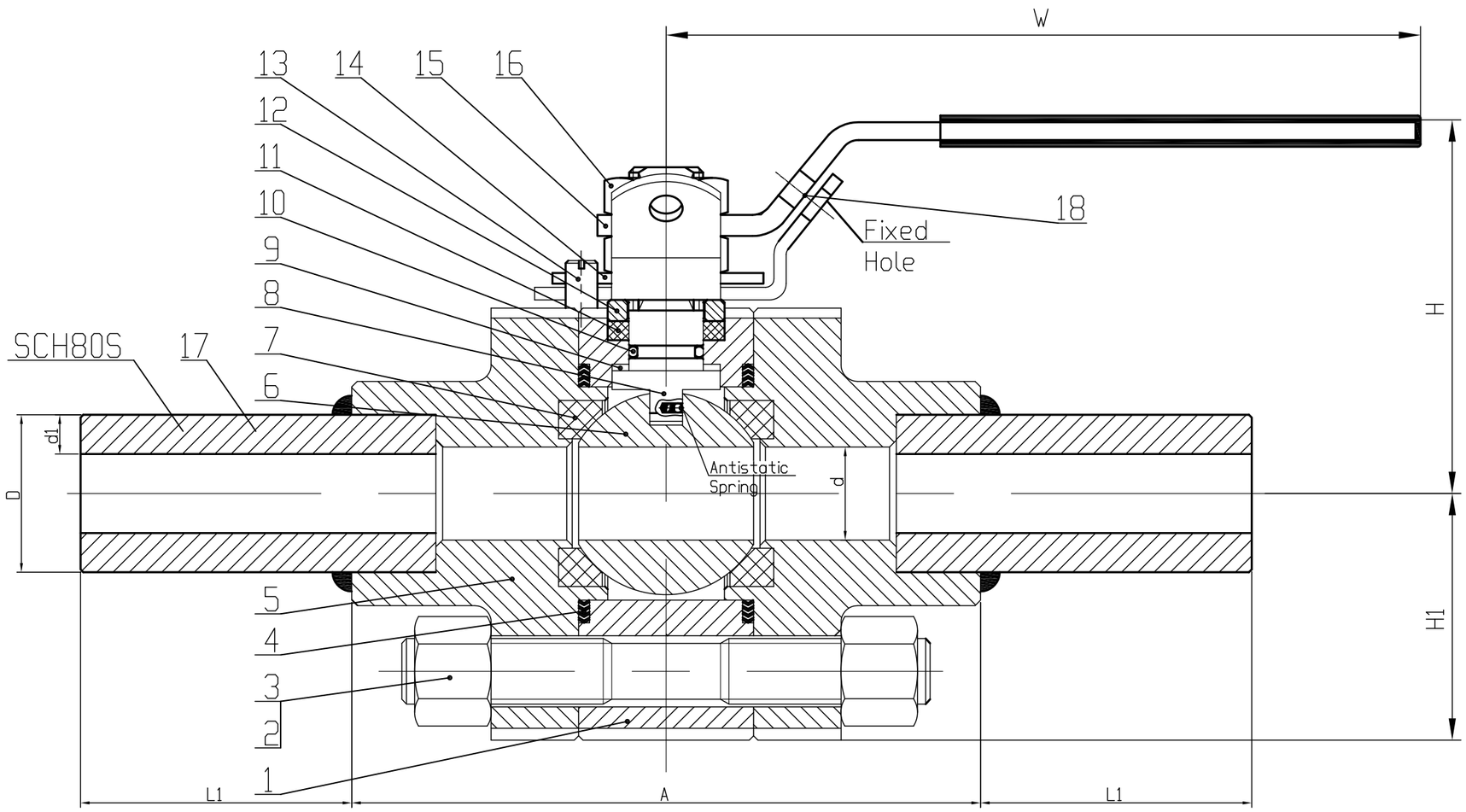
No.	PO#	Valve	Tag No.	Serial No.	Size	Class	Body Material	Drawing No.	Qty
1	27/16-22-759	Ball valve	BV3301, BV3305, BV3306, BV3308, BV3313, BV3314	W-14791-1~6	1″	800LB	A182 F304L	KHE-22-1252-P1 REV.3	6
2	27/16-22-759	Ball valve	V3316A, V3316B, V3316C, V3320A, V3320B, V3320C, V3320D, BV3301A, BV3305A, BV3306A, BV3321, BV3322, BV3323, BV3324, BV3324A, BV3324B, BV3324C, BV3325, BV3326, BV3327, BV3328, BV3329A, BV3329B, BV3329C, BV3329D, BV3329E, BV3330A, BV3331, BV3332, BV3333, BV3334, BV3335,BV3336, BV3375	W-14792-1~34	3/4"	800LB	A182 F304L	KHE-22-1252-P1 REV.3	34

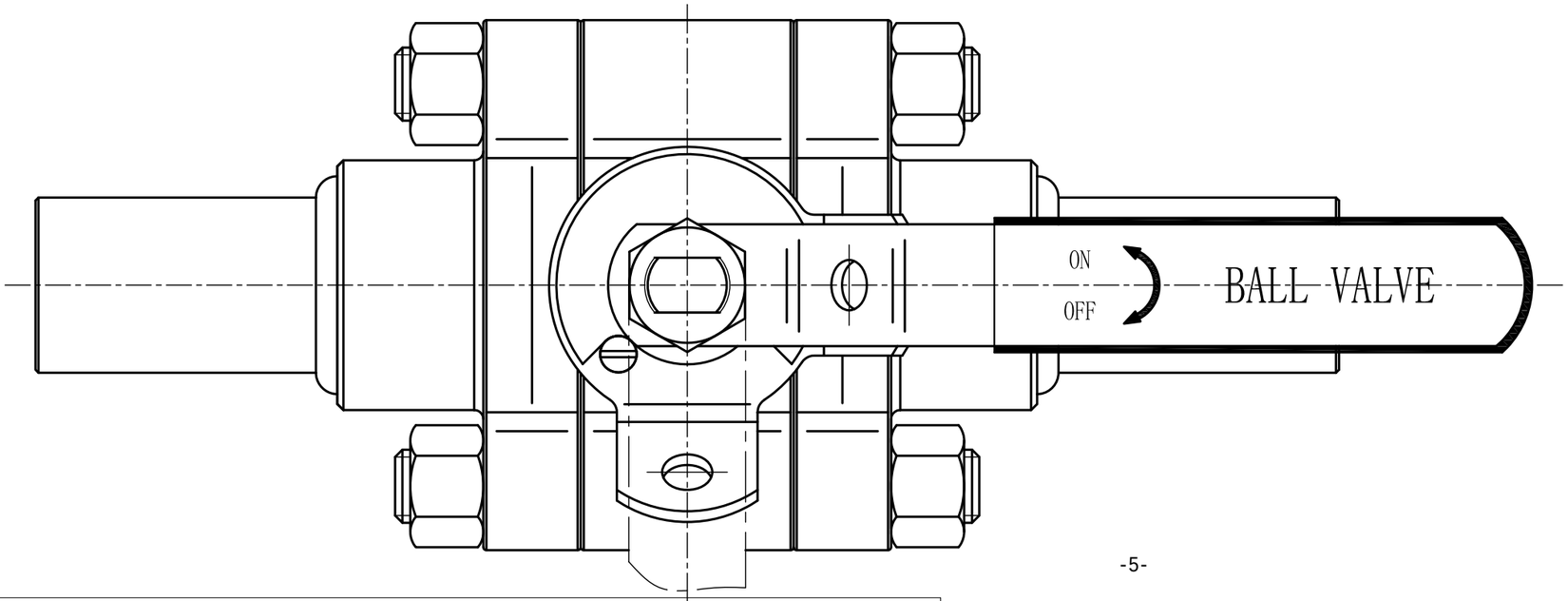
3	27/16-22-759	Ball valve	BV3310, BV3311	W-14794-1~2	2"	300LB	A216 WCB	KHE-22-1252-P4 REV.2	2
4	27/16-22-759	Cryogenic Ball valve	BV3312, BV3315	W-14795-1~2	1″	800LB	A182 F304L	KHE-22-1252-P2 REV.2	2
5	27/16-22-759	Ball valve	BV3330	W-14796	2"	300LB	A351 CF8M	KHE-22-1252-P5 REV.2	1

Dimensions in Millimetres

Size	Class	A	d	d1	D	L1	W	H	H1	Weight(Kg)
3/4″	800LB	111	19	3.91	26.7	100	165	76	43	5
1″	800LB	127	25	4.55	33.4	100	220	88	51	6

Size	TAG
3/4"	V3316A, V3316B, V3316C, V3320A, V3320B, V3320C, V3320D, BV3301A, BV3305A, BV3306A, BV3321, BV3322, BV3323, BV3324, BV3324A, BV3324B, BV3324C, BV3325, BV3326, BV3327,BV3328, BV3329A, BV3329B, BV3329C, BV3329D, BV3329E, BV3330A, BV3331,BV3332, BV3333, BV3334, BV3335, BV3336,BV3375
1"	BV3301, BV3305, BV3306, BV3308, BV3313, BV3314





1.Pressure test:API598.

2.Pressure-temperature rating values:11MPa@-120℃ /8.3MPa@150℃

3.Medium:natural gas,air.

NO.	DESCRIPTION	MATERIAL	REMARK
18	Locking Device	STAINLESS STEEL	
17	PIPE	A312 TP304L	ASME B36.19M seamless Sch80S
16	NUT	S201	
15	LEVER	201+PLASTIC	
14	STOP PLATE	STAINLESS STEEL	
13	PIN	A276 316	
12	GLAND	A276 304	
11	PACKING	GRAPHITE	
10	O RING	VITON AED	
9	THRUST WASHER	R.PTFE	
8	STEM	A182 F316	
7	SEAT	R.PTFE	
6	BALL	A182 F316	
5	BONNET	A182 F304L	
4	GASKET	GRAPHITE+SS316	
3	STUD	A193 B8M	
2	NUT	A194 8M	
1	BODY	A182 F304L	

TECHNICAL STANDARD			
DESIGN	ISO 17292		
FACE TO FACE	MFG		
FIRESAFE DESIGN	Yes, according to API 607	END CONNECTION	SW-ASME B16.11
INSPECTION	API 598	ANTI BLOW STEM	Yes
SOUR SERVICE	NACE MR 0175	ANTI STATIC DEVICE	Yes

CLIENT	TURBOGAZ
CLIENT REF #	Mail 2022-7-20
PROJECT	project 759

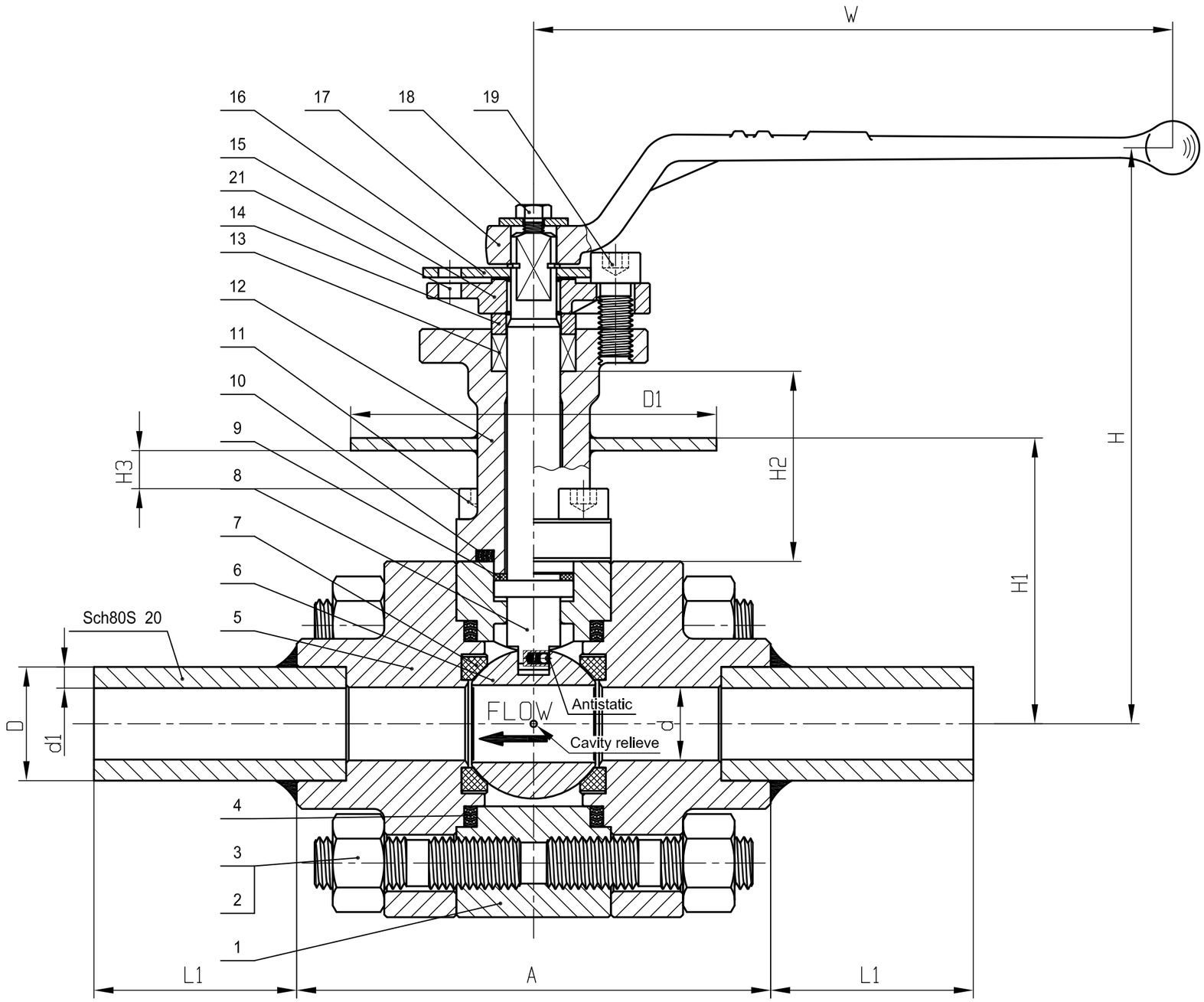
Floating Ball Valve (Size/Class See Left-Up Corner)				KCON JOB #	21-KQ1252	
				Drawing #	KHE-22-1252-P1	REV:3
Design	Z.Y	Review	F.C	Approval	L.PJ	2023-06-01

KCON® KCON VALVE MFG. CO., LTD.

Size	TAG
1"	BV3312, BV3315

Dimensions in Millimetres

Size	Class	A	d	d1	D	L1	W	H	H1	H2	H3	D1	Weight(Kg)
1"	800LB	140	25	4.55	33.4	100	228	204	127	100	>50	160	15



1.Pressure test:API598.

2.Pressure-temperature rating values:11MPa@-120℃ /8.3MPa@150℃

3.Medium:natural gas.

NO.	DESCRIPTION	MATERIAL	REMARK
21	Locking Device	STAINLESS STEEL	
20	PIPE	A312 TP304L	ASME B36.19M seamless Sch80S
19	SCREW	STAINLESS STEEL	
18	SCREW	STAINLESS STEEL	
17	LEVER	A105+Zn	
16	STOP PLATE	A276 304	
15	GLAND FLANGE	A351 CF8	
14	GLAND	A276 304	
13	PACKING	GRAPHITE	
12	ON BONNET	A182 F304L	
11	SCREW	A193 B8M	
10	GASKET	GRAPHITE	
9	THRUST WASHER	PTFE	
8	STEM	A182 F316	
7	SEAT	R.PTFE	
6	BALL	A182 F316	
5	BONNET	A182 F304L	
4	GASKET	GRAPHITE+SS316	
3	NUT	A194 8M	
2	STUD	A193 B8M	
1	BODY	A182 F304L	

TECHNICAL STANDARD

DESIGN	ISO 17292		
FACE TO FACE	MFG		
FIRESAFE DESIGN	Yes, according to API 607	END CONNECTION	SW-ASME B16.11
INSPECTION	API 598	ANTI BLOW STEM	Yes
SOUR SERVICE	NACE MR 0175	ANTI STATIC DEVICE	Yes

CLIENT	TURBOGAZ
CLIENT REF #	Mail 2022-7-20
PROJECT	project 759

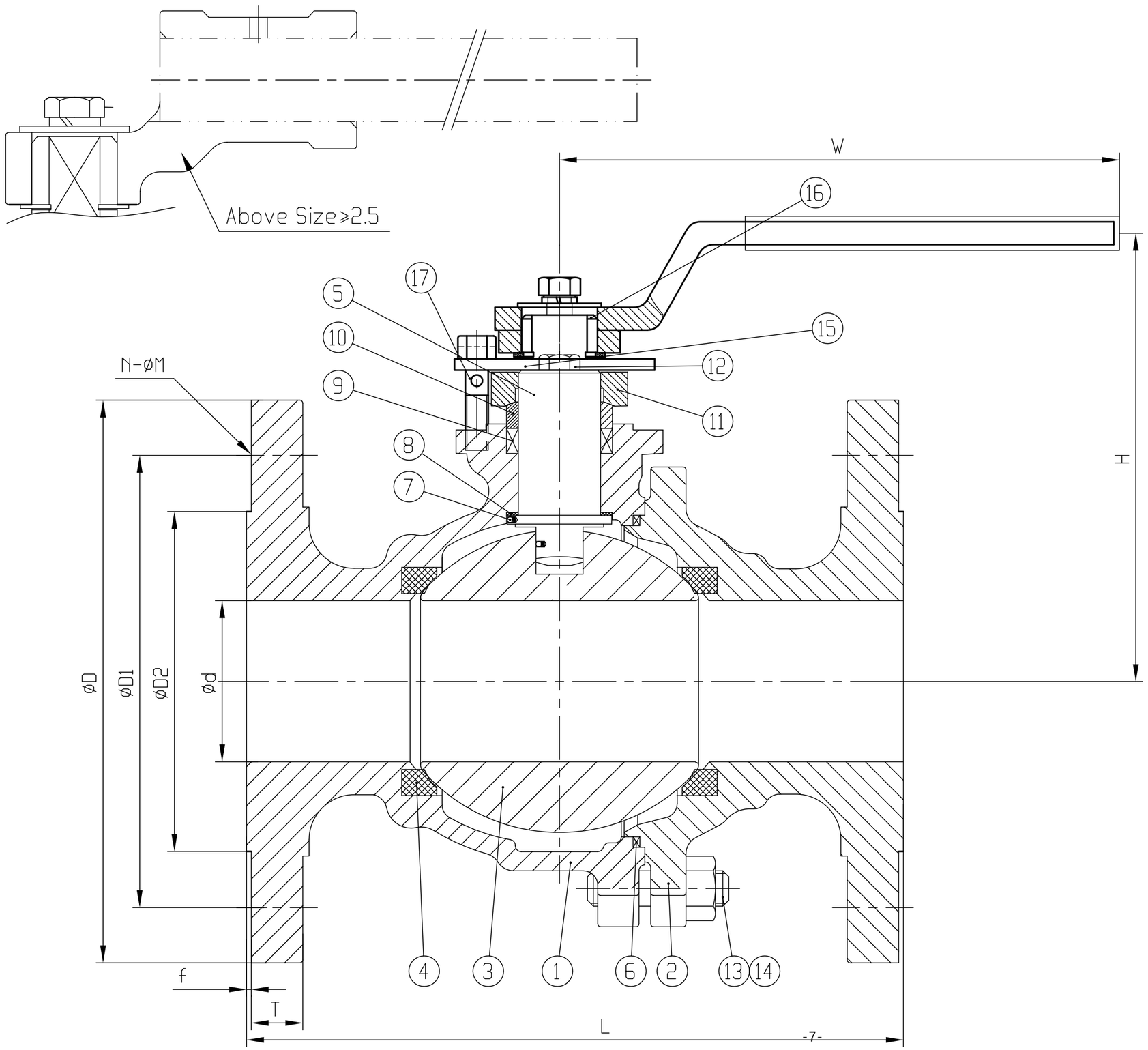
Floating Ball Valve (Size/Class See Left-Up Corner)		KCON JOB #	22-KQ1252
		Drawing #	KHE-22-1252-P2 REV:2
Design	Z.Y	Review	F.C
Approval	L.PJ	2023-06-01	

KCON® KCON VALVE MFG. CO., LTD.

Dimensions in Millimetres												
NPS	Class	d	D2	D1	D	f	T	N-ØM	L	W	H	Weight(Kg)
2″	300LB	51	91.9	127	165	1.5	20.6	8-ø19	216	230	131	15

Size	TAG
2"	BV3310, BV3311

1.Pressure test:API598.
2.Pressure-temperature rating values:5.11MPa@-29℃ /4.51MPa@150℃
3.Medium:natural gas.
4.The resultant surface finish of flanges:from 125 to 250 AARH



NO.	DESCRIPTION	MATERIAL	REMARK
17	Locking Device	**Stainless steel**	
16	Lever	**Carbon Steel+Zn**	
15	Stopper	**A276 304**	
14	Nut	**A194 2HM**	
13	Stud	**A193 B7M**	
12	Bolt	**A193 B7M**	
11	Gland Flange	**A216 WCB**	
10	Gland	**A276 304**	
9	Packing	**Graphite**	
8	Thrust Bearing	**R.PTFE**	
7	Anti-Static Spring/Ball	**SS304**	
6	Sprial Wound Gasket	**SS316+Graphite**	
5	Stem	**A276 410**	
4	Seat	**R.PTFE**	
3	Ball	**A276 410**	
2	Closure	**A216 WCB**	
1	Body	**A216 WCB**	

TECHNICAL STANDARD			
DESIGN	ISO 17292		
FACE TO FACE	ASME B16.10		
FIRESAFE DESIGN	Yes, according to API 607	END CONNECTION	RF-ASME B16.5
INSPECTION	API 6D	ANTI BLOW STEM	Yes
SOUR SERVICE	NACE MR0175	ANTI STATIC DEVICE	Yes

CLIENT	TURBOGAZ
CLIENT REF #	Mail 2022-7-20
PROJECT	project 759

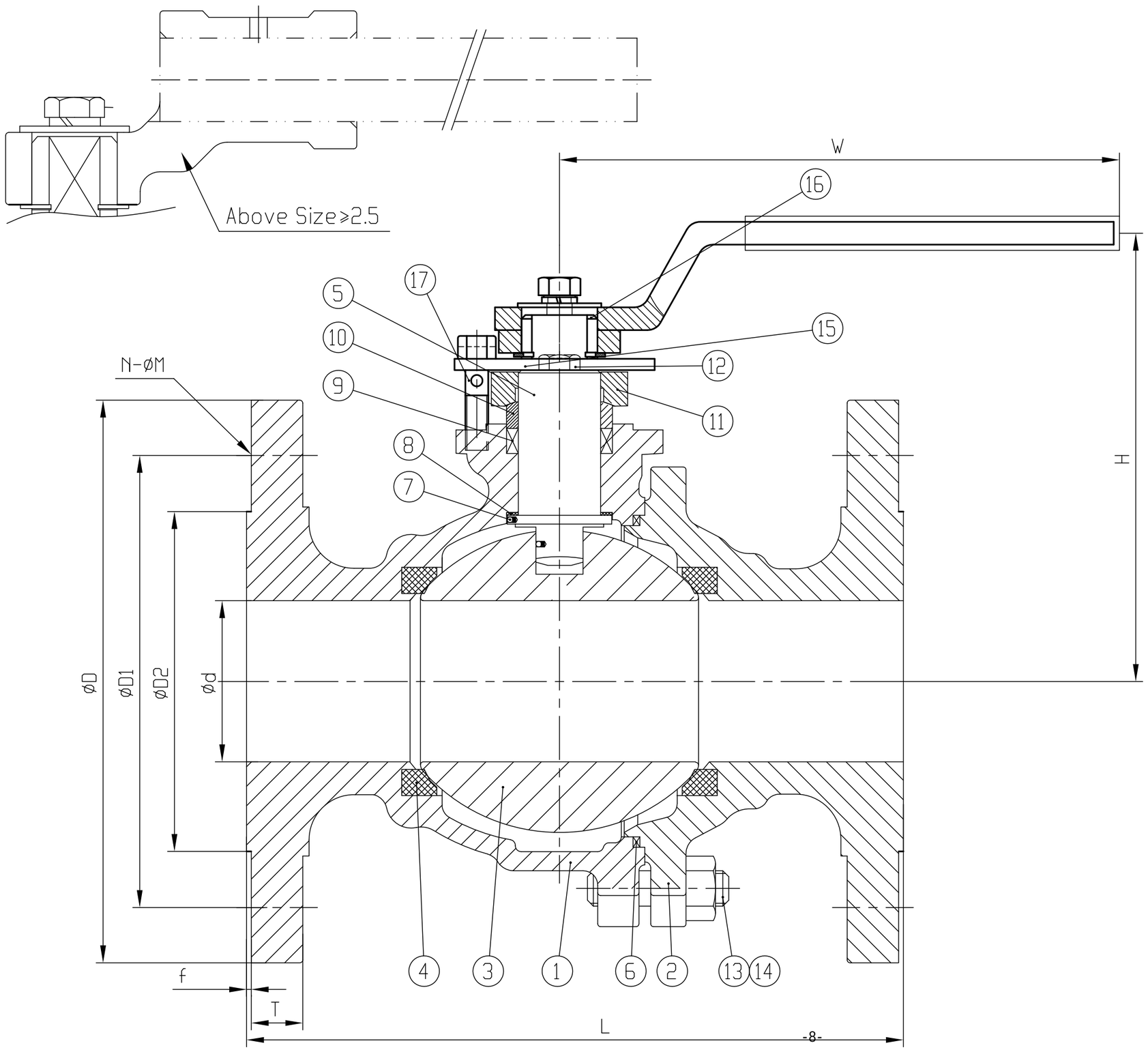
Floating Ball Valve (Size/Class See Left-Up Corner)				KCON JOB #	22-KQ1252	
				Drawing #	KHE-22-1252-P4	REV:2
Design	Z.Y	Review	F.C	Approval	L.PJ	2023-06-01

KCON® KCON VALVE MFG. CO., LTD.

Dimensions in Millimetres												
NPS	Class	d	D2	D1	D	f	T	N-ØM	L	W	H	Weight(Kg)
2″	300LB	51	91.9	127	165	1.5	20.6	8-ø19	216	230	131	15

Size	TAG
2"	BV3330

1.Pressure test:API598.
2.Pressure-temperature rating values:4.96MPa@-29℃ /3.85MPa@150℃
3.Medium:natural gas.
4.The resultant surface finish of flanges:from 125 to 250 AARH



NO.	DESCRIPTION	MATERIAL	REMARK
17	Locking Device	**Stainless steel**	
16	Lever	**Carbon Steel+Zn**	
15	Stopper	**A276 304**	
14	Nut	**A194 8M**	
13	Stud	**A193 B8M**	
12	Bolt	**A193 B8M**	
11	Gland Flange	**A351 CF8**	
10	Gland	**A276 304**	
9	Packing	**Graphite**	
8	Thrust Bearing	**R.PTFE**	
7	Anti-Static Spring/Ball	**SS304**	
6	Sprial Wound Gasket	**SS316+Graphite**	
5	Stem	**A182 F316**	
4	Seat	**R.PTFE**	
3	Ball	**A182 F316**	
2	Closure	**A351 CF8M**	
1	Body	**A351 CF8M**	

TECHNICAL STANDARD			
DESIGN	ISO 17292		
FACE TO FACE	ASME B16.10		
FIRESAFE DESIGN	Yes, according to API 607	END CONNECTION	RF-ASME B16.5
INSPECTION	API 6D	ANTI BLOW STEM	Yes
SOUR SERVICE	NACE MR0175	ANTI STATIC DEVICE	Yes

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Floating Ball Valve (Size/Class See Left-Up Corner)				KCON JOB #	22-KQ1252	
				Drawing #	KHE-22-1252-P5	REV:2
Design	Z.Y	Review	F.C	Approval	L.PJ	2023-06-01

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