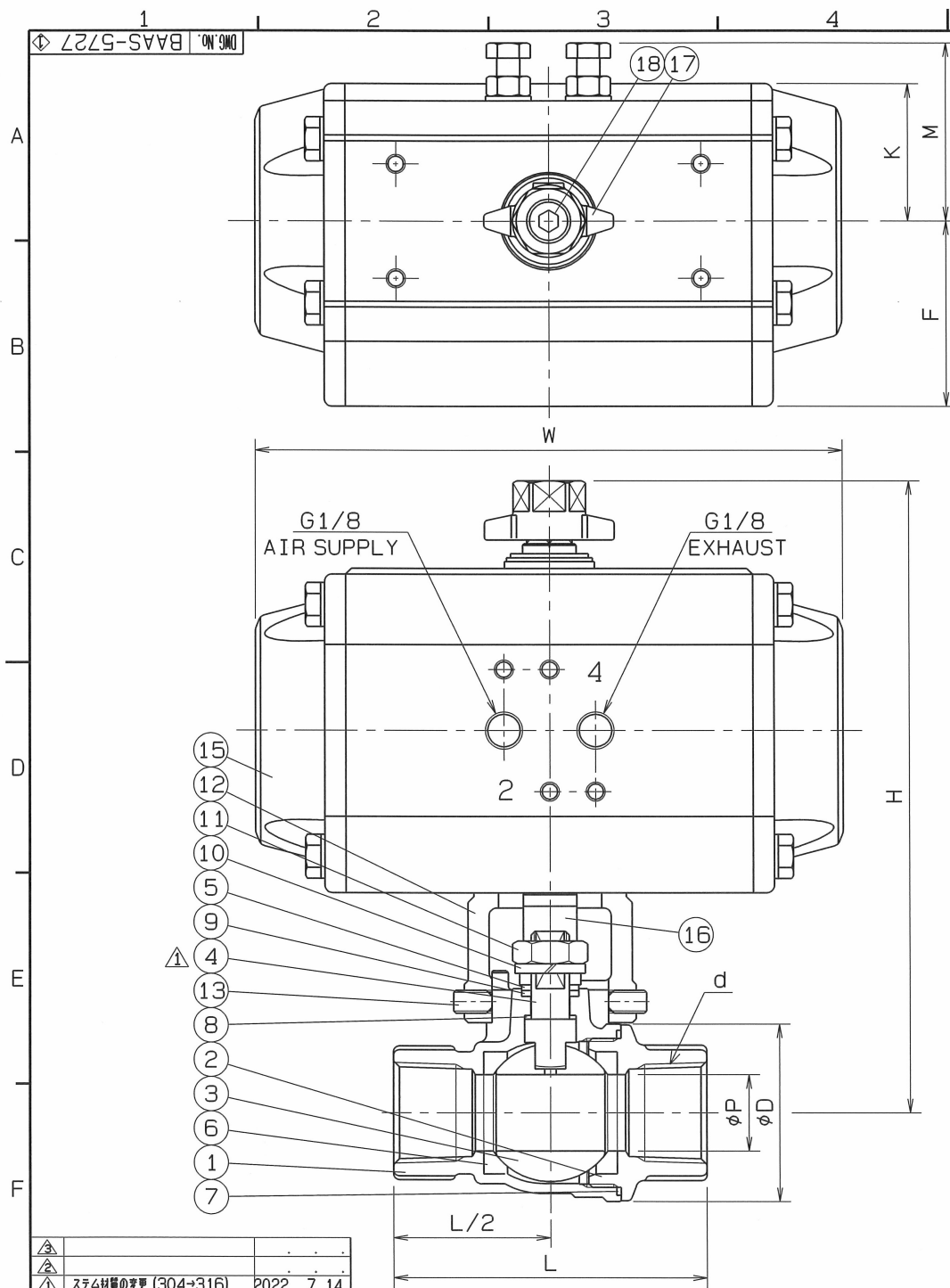




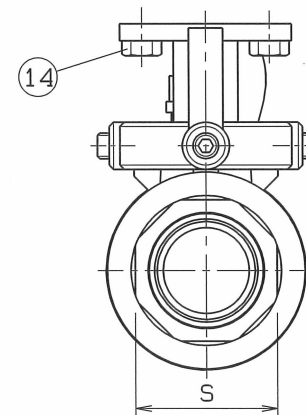
5			6		7					8			
SIZE	P	L	PIPE THREADS	H	D	W	F	K	S	M	CYLINDER SIZE	Q, TY	
			d										
1/4	8	55	Rc 1/4	142	27	135.5	42	29	18	43	AT051US4	A	
3/8	10	57	Rc 3/8	143	30	135.5	42	29	22	43	AT051US4		
1/2	15	72	Rc 1/2	147	38	135.5	42	29	27	43	AT051US4		
3/4	20	82	Rc 3/4	174	46.5	153.5	48.5	36	33	50	AT101US08		
1	25	92	Rc 1	178	54	153.5	48.5	36	40	50	AT101US08		

SPEC.		TEST PRESS.	
FLUID	清水	SHELL	HYDRO 2.1 MPa
PRESS.	1.0 MPa 未満	SEAT	AIR 0.6 MPa
TEMP.	常 温		AIR 0.6 MPa

注) 上記の流体条件と異なる場合
シリンダサイズが変更になる場合があります。

TORQUE CYLINDER

TYPE	ATUS		
ACTION	SINGLE	OPERATION PROPERTY	ON-OFF
SUPPLY PRESSURE	0.4 MPa	HAND DEVICE	NOTHING



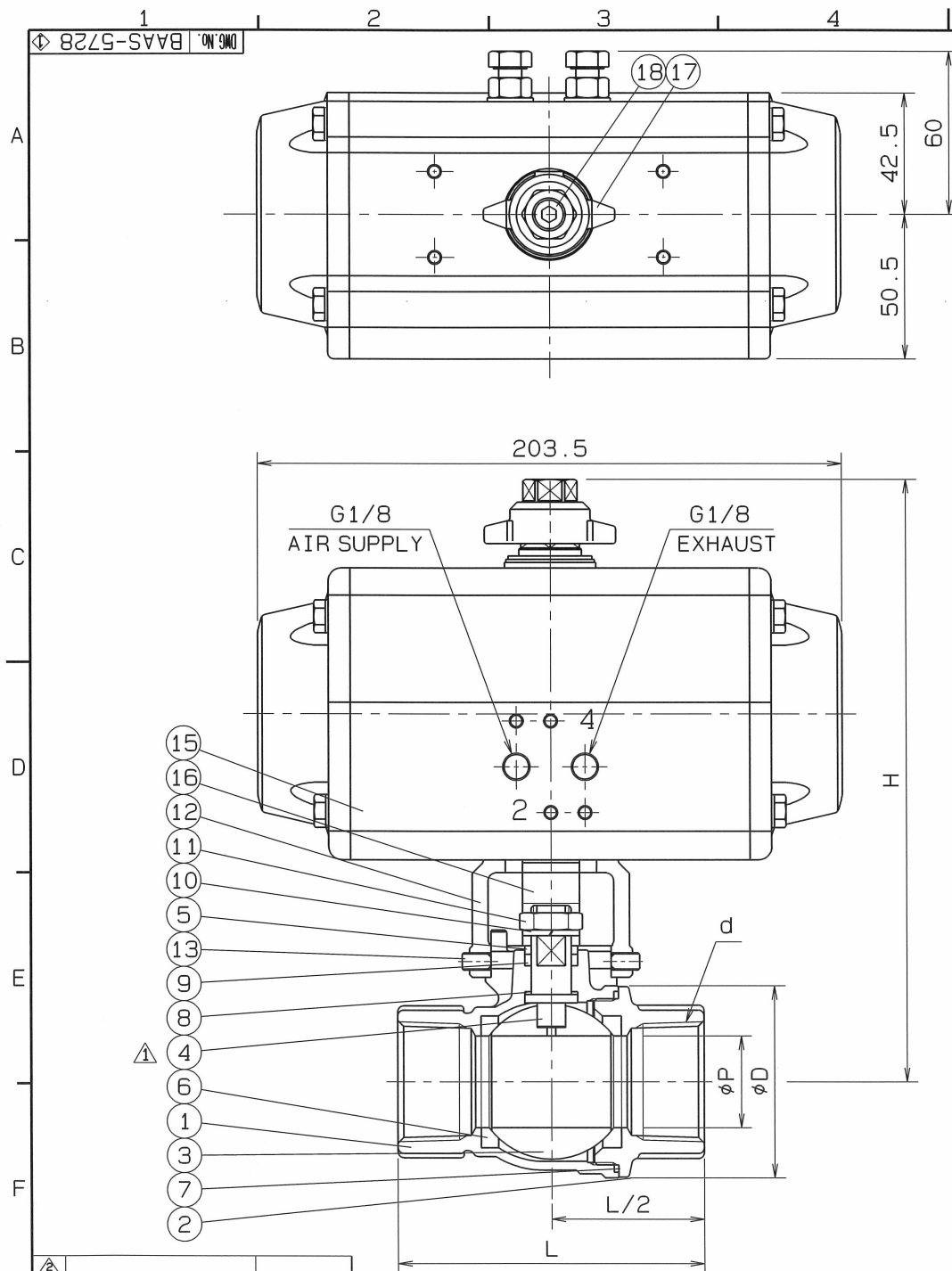
OPERATION

PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN
PORT2 AIR FAILURE : RIGHT TURN - VALVE SHUT

PIPE THREADS CONFORM WITH "JIS B 0203" TAPER
No.3 1/4, 3/8B MATERIAL : SUS 304

18	CAP HEAD BOLT	1	SUS 304	
17	INDICATOR	1	SCS 13	
16	COUPLING	1	SCS 13	
15	TORQUE CYLINDER	1		
14	HEXAGON BOLT	4	SUS 304	
13	SET BOLT	4	SUS 304	
12	BRACKET	1	SCS 13	
11	HEXAGON NUT	1	SUS 304	
10	SPRING WASHER	1	SUS 304	
9	THRUST BEARING	1	P.T.F.E.	CARBON FILLED
8	THRUST PACKING	1	P.T.F.E.	CARBON FILLED
7	GASKET PACKING	1	P.T.F.E.	
6	BALL SEAT	2	P.T.F.E.	
5	GLAND	1	SUS 316	
4	STEM	1	SUS 316	△
3	BALL DISC	1	SCS 13A	
2	BODY CAP	1	SCS 13	
1	BODY	1	SCS 13	
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS10K SCREWED ENDS (SINGLE ACTION) CYLINDER OPERATED BALL VALVES			
TYPE	N-620HYS2	SIZE	1/4~1B	
DWG.No.	BAAS-5727	APPROVED BY	H.Ogura	
DATE	JAN.22.2020	CHECKED BY	H.Ogura	
SCALE	:	DESIGNED BY	R.Mutsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY	T.Okamoto	

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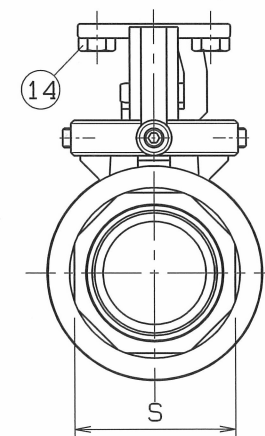
SIZE	P	L	PIPE THREADS	D	S	H	Q, TY
			d				
1-1/4	32	107	Rc 1-1/4	67	50	212	
1-1/2	40	117	Rc 1-1/2	80	57	218	

SPEC.		TEST PRESS.	
FLUID	清水	SHELL	HYDRO 2.1 MPa
PRESS.	1.0 MPa 未満	SEAT	AIR 0.6 MPa
TEMP.	常温		AIR 0.6 MPa

注) 上記の流体条件と異なる場合
シリンダサイズが変更になる場合があります。

TORQUE CYLINDER

TYPE	AT201US08		
ACTION	SINGLE	OPERATION PROPERTY	ON-OFF
SUPPLY PRESSURE	0.4 MPa	HAND DEVICE	NOTHING

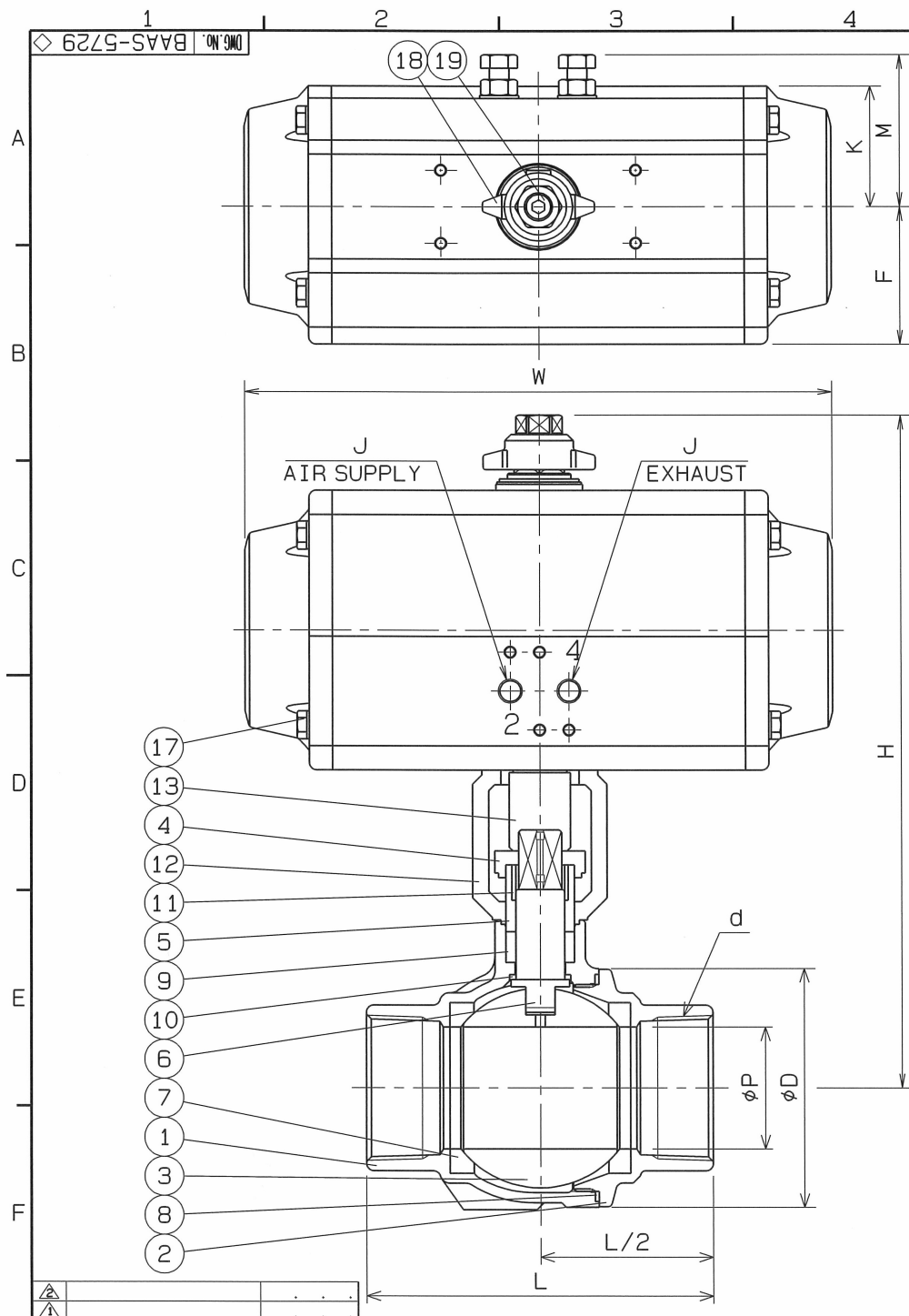


OPERATION

PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN
PORT2 AIR FAILURE : RIGHT TURN - VALVE SHUT

PIPE THREADS CONFORM WITH "JIS B 0203" TAPER

18	CAP HEAD BOLT	1	SUS 304	
17	INDICATOR	1	SCS 13	
16	COUPLING	1	SCS 13	
15	TORQUE CYLINDER	1		
14	HEXAGON BOLT	4	SUS 304	
13	SET BOLT	4	SUS 304	
12	BRACKET	1	SCS 13	
11	HEXAGON NUT	1	SUS 304	
10	SPRING WASHER	2	SUS 304	
9	GLAND PACKING	1	P.T.F.E.	
8	THRUST PACKING	1	P.T.F.E.	CARBON FILLED
7	GASKET PACKING	1	P.T.F.E.	
6	BALL SEAT	2	P.T.F.E.	
5	GLAND	1	SUS 316	
4	STEM	1	SUS 316 △	
3	BALL DISC	1	SCS 13A	
2	BODY CAP	1	SCS 13	
1	BODY	1	SCS 13	
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS10K SCREWED ENDS (SINGLE ACTION) CYLINDER OPERATED BALL VALVES			
TYPE	N-620HYS2	SIZE	1-1/4, 1-1/2B	
DMG.No.	BAAS-5728 △	APPROVED BY	H. Ogawa	
DATE	JAN. 22. 2020	CHECKED BY	H. Ogawa	
SCALE	:	DESIGNED BY	R. Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY	T. Okamoto	



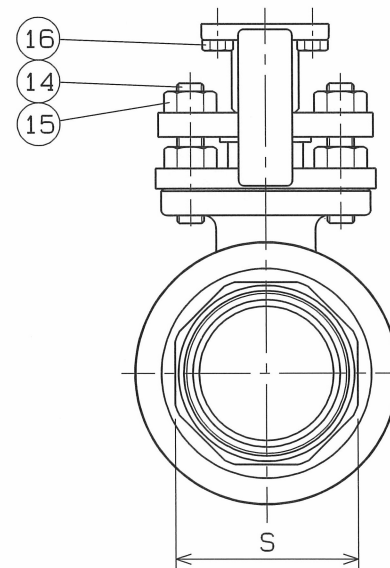
SIZE	P	L	PIPE THREADS d	H	W	D	S	F	K	J	M	CYLINDER SIZE	Q, TY
2	50	142	Rc 2	278	241	98	68	56.5	49.5	G1/8	65	AT251US08	
2·1/2	65	165	Rc 2·1/2	300	259	119	85	63	55.5	G1/4	76	AT301US08	
3	80	190	Rc 3	361	333	146	99	77	69.5	G1/4	93	AT401US08	

SPEC.		TEST PRESS.	
FLUID	清水	SHELL	HYDRO 2.1 MPa
PRESS.	1.0 MPa 未満	SEAT	AIR 0.6 MPa
TEMP.	常温		AIR 0.6 MPa

注) 上記の流体条件と異なる場合
シリンダサイズが変更になる場合が
あります。

TORQUE CYLINDER

TYPE	ATUS08		
ACTION	SINGLE	OPERATION PROPERTY	ON-OFF
SUPPLY PRESSURE	0.4 MPa	HAND DEVICE	NOTHING



OPERATION

PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN
PORT2 AIR FAILURE : RIGHT TURN - VALVE SHUT

PIPE THREADS CONFORM WITH "JIS B 0203" TAPER

19	CAP HEAD BOLT	1	SUS 304	
18	INDICATOR	1	SCS 13	
17	TORQUE CYLINDER	1		
16	HEXAGON BOLT	4	SUS 304	
15	HEXAGON NUT	4	SUS 304	
14	GLAND BOLT	2	SUS 304	
13	COUPLING	1	SCS 13	
12	BRACKET	1	SCS 13	
11	STEM BEARING	1	P.T.F.E.	GLASS FILLED
10	THRUST BEARING	1	P.T.F.E.	GLASS FILLED
9	GLAND PACKING	1	P.T.F.E.	
8	GASKET PACKING	1	P.T.F.E.	
7	BALL SEAT	2	P.T.F.E.	
6	STEM	1	SUS 304	
5	GLAND SLEEVE	1	SUS 316	
4	GLAND	1	SCS 13	
3	BALL DISC	1	SCS 13A	
2	BODY CAP	1	SCS 13A	
1	BODY	1	SCS 13A	
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS10K SCREWED ENDS (SINGLE ACTION) CYLINDER OPERATED BALL VALVES			
TYPE	N-620HYS2	SIZE	2~3B	
DWG.No.	BAAS-5729 ◇	APPROVED BY	H. Ogawa	
DATE	JAN. 22. 2020	CHECKED BY	H. Ogawa	
SCALE	:	DESIGNED BY	R. Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY		

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