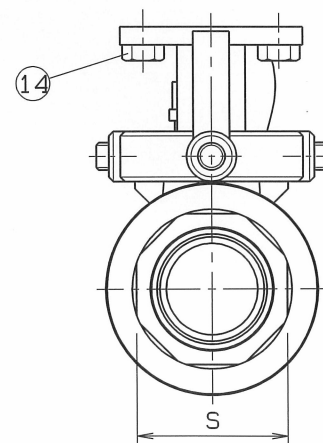
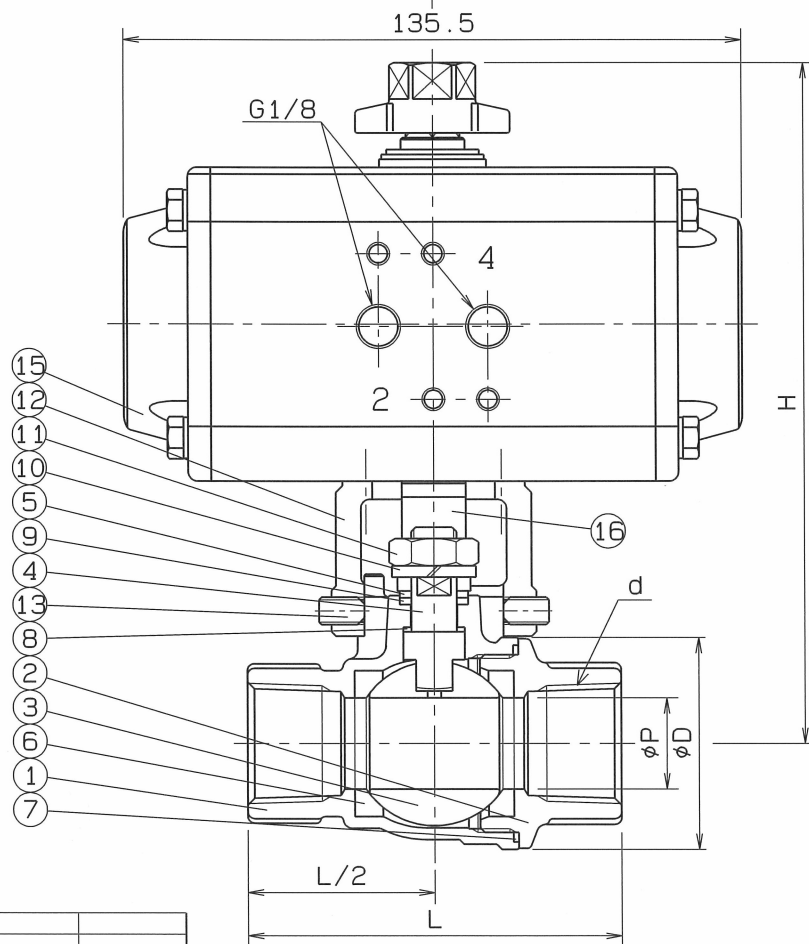
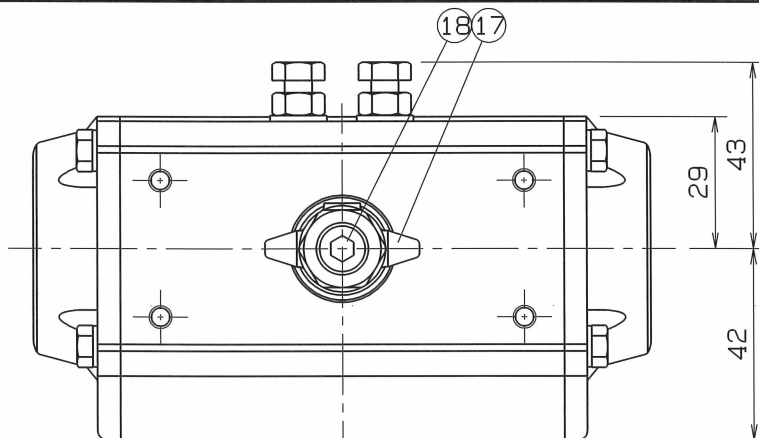


◇ 889S-5688 BAAS-5688



SIZE	P	L	PIPE THREADS		H	D	S	Q, TY
			d					
1/4	8	55	Rc	1/4	142	27	18	
3/8	10	57	Rc	3/8	143	30	22	
1/2	15	72	Rc	1/2	147	38	27	
3/4	20	82	Rc	3/4	151	46.5	33	
1	25	92	Rc	1	155	54	40	

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 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	AT051UD		
ACTION	DOUBLE	OPERATION PROPERTY	ON-OFF
SUPPLY PRESSURE	0.4 MPa	HAND DEVICE	NOTHING

OPERATION

PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN

PORT4 AIR SUPPLY : RIGHT TURN - VALVE SHUT

PIPE THREADS CONFORM WITH "JIS B 0203" TAPER

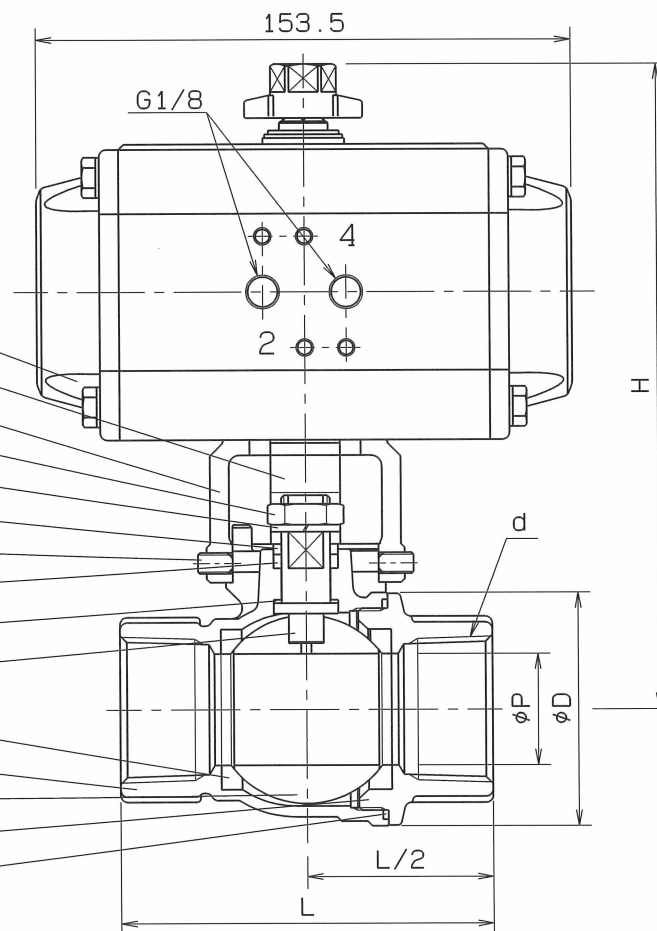
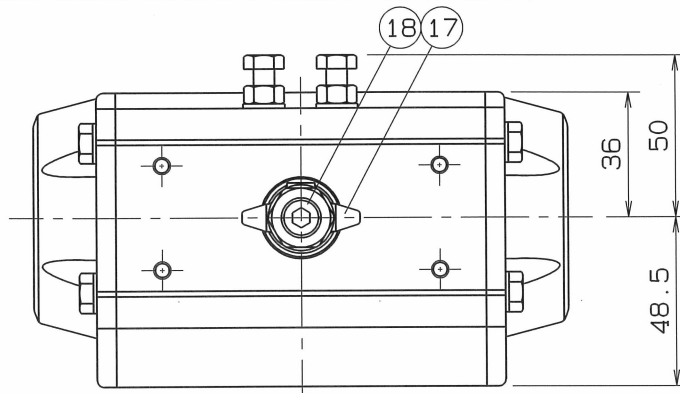
No.3 1/4, 3/8B MATERIAL : SUS 316

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 14A	
2	BODY CAP	1	SCS 14	
1	BODY	1	SCS 14	

No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME JIS10K SCREWED ENDS (DOUBLE ACTION) CYLINDER OPERATED BALL VALVES				
TYPE	N-620HY2	SIZE	1/4~1B	
DWG.No.	BAAS-5688 ◇	APPROVED BY	H. Ogawa	
DATE	JAN. 22, 2020	CHECKED BY	H. Ogawa	
SCALE	:	DESIGNED BY	R. Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY		

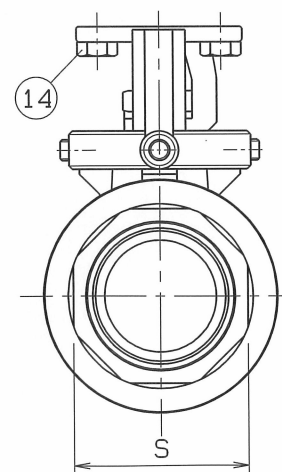
O. N. INDUSTRIES LTD.

◇ 6895-5689 BAAS-5689 ON OMO



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	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。



SIZE	P	L	PIPE THREADS	D	S	H	Q, TY
			d				
1-1/4	32	107	Rc 1-1/4	67	50	187	
1-1/2	40	117	Rc 1-1/2	80	57	193	

TORQUE CYLINDER

TYPE	AT101UD		
ACTION	DOUBLE	OPERATION PROPERTY	ON-OFF
SUPPLY PRESSURE	0.4 MPa	HAND DEVICE	NOTHING

OPERATION

PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN

PORT4 AIR SUPPLY : 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 14A	
2	BODY CAP	1	SCS 14	
1	BODY	1	SCS 14	
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS

NAME JIS10K SCREWED ENDS (DOUBLE ACTION)
CYLINDER OPERATED BALL VALVES

TYPE N-620HY2 SIZE 1-1/4, 1-1/2B

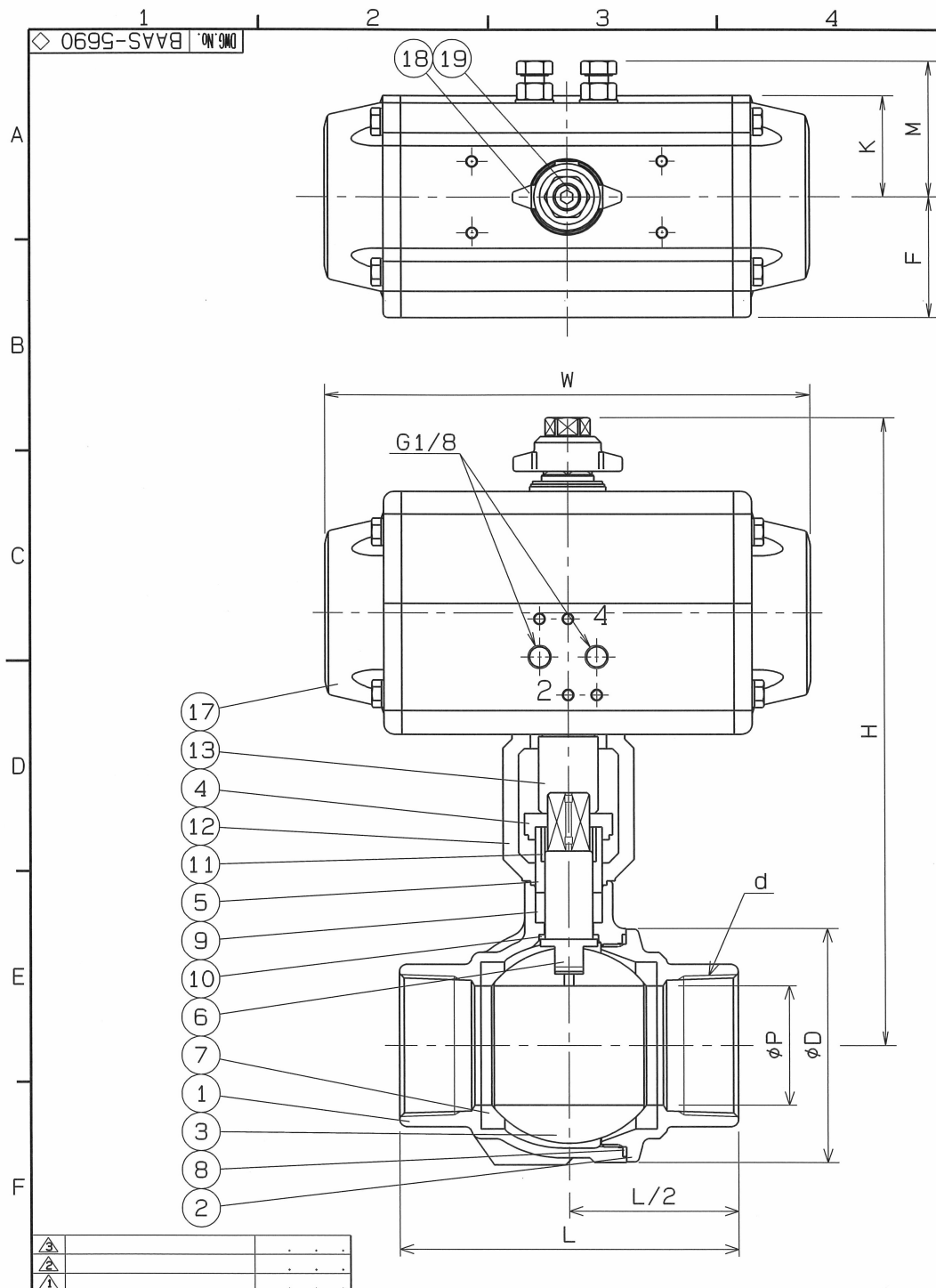
DWG.No. BAAS-5689 ◇ APPROVED BY H. Ogura

DATE JAN. 22. 2020 CHECKED BY H. Ogura

SCALE : DESIGNED BY R. Matsuki

THIRD ANGLE PROJECTION METHOD DRAWN BY

O. N. INDUSTRIES LTD.



SIZE	P	L	PIPE THREADS	H	W	D	S	F	K	M	CYLINDER SIZE	Q, TY
2	50	142	Rc 2	265	203.5	98	68	50.5	42.5	60	AT201UD	
2 1/2	65	165	Rc 2 1/2	275	203.5	119	85	50.5	42.5	60	AT201UD	
3	80	190	Rc 3	306	241	146	99	56.5	49.5	65	AT251UD	

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 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	ATUD		
ACTION	DOUBLE	OPERATION PROPERTY	ON-OFF
SUPPLY PRESSURE	0.4 MPa	HAND DEVICE	NOTHING

OPERATION

PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN

PORT4 AIR SUPPLY : 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 316	
5	GLAND SLEEVE	1	SUS 316	
4	GLAND	1	SCS 13	
3	BALL DISC	1	SCS 14A	
2	BODY CAP	1	SCS 14A	
1	BODY	1	SCS 14A	
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME JIS10K SCREWED ENDS (DOUBLE ACTION) CYLINDER OPERATED BALL VALVES				
TYPE	N-620HY2	SIZE	2~3B	
DMG.No.	BAAS-5690	APPROVED BY	H. Ogawa	
DATE	JAN. 22. 2020	CHECKED BY	H. Ogawa	
SCALE	:	DESIGNED BY	R. Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY		

O. N. INDUSTRIES LTD.