



SIZE	1			2			3			4			5			6			7			8		
	d	L	D	T	G	f	C	n	h	A	H	W	F	K	M	J	CYLINDER SIZE	Q, TY						
15	15	140	95	14	51	1	70	4	15	61	175	135.5	42	29	43	G1/8	AT051UD							
20	20	152	100	16	56	1	75	4	15	67	183	135.5	42	29	43	G1/8	AT051UD							
25	25	165	125	16	67	1	90	4	19	77	186	135.5	42	29	43	G1/8	AT051UD							
32	32	178	135	18	76	2	100	4	19	79	226	153.5	48.5	36	50	G1/8	AT101UD							
40	40	190	140	18	81	2	105	4	19	86	251	203.5	50.5	42.5	60	G1/8	AT201UD							
50	50	216	155	18	96	2	120	8	19	102	273	203.5	50.5	42.5	60	G1/8	AT201UD							
65	65	241	175	20	116	2	140	8	19	117	292	241	56.5	49.5	65	G1/8	AT251UD							
80	80	283	200	22	132	2	160	8	23	141.5	351	259	63	55.5	76	G1/4	AT301UD							
100	100	305	225	24	160	2	185	8	23	148	410	333	77	69.5	93	G1/4	AT401UD							

SPEC.		TEST PRESSURE	
FLUID	清水	SHELL	HYDRO 5.0 MPa (51 kgf/cm <sup>2</sup> )
PRESS.	1.96 MPa (20 kgf/cm <sup>2</sup> ) 以下	SEAT	AIR 0.6 MPa (6.1 kgf/cm <sup>2</sup> )
TEMP.	常温		AIR MPa ( kgf/cm <sup>2</sup> )

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	0.39 MPa (4 kgf/cm <sup>2</sup> )	HAND DEVICE	NOTHING

OPERATION  
PORT2 AIR SUPPLY : LEFT TURN - VALVE OPEN  
PORT4 AIR SUPPLY : RIGHT TURN - VALVE SHUT

FACE TO FACE : JIS B 2002  
END FLANGED : JIS B 2220

No.	NAME OF PARTS	Q. TY	MATERIALS	REMARKS
21	CAP HEAD BOLT	1	SUS 304	
20	INDICATOR	1	SCS 13	
19	HEXAGON BOLT	2	SUS 304	*EXCEPT 15-65A
18	TORQUE CYLINDER	1		
17	HEXAGON BOLT	4	SUS 304	
16	COUPLING	1	SCS 13	
15	BRACKET	1	SCS 13	
14	HEXAGON NUT	4	SUS 304	
13	GLAND BOLT	2	SUS 304	
12	BODY CAP BOLT	*4	SUS 304	*65-100A 6
11	STEM BEARING	1	P. T. F. E.	GLASS FILLED
10	GLAND PACKING	1SET	P. T. F. E.	
9	THRUST BEARING	1	P. T. F. E.	GLASS FILLED
8	GASKET PACKING	1	P. T. F. E.	
7	BALL SEAT	2	P. T. F. E.	GLASS FILLED
6	GLAND	1	SCS 13	
5	GLAND SLEEVE	1	SUS 316	
4	STEM	1	SUS 304	
3	BALL DISC	1	SCS 13A	
2	BODY CAP	1	SCS 13A	
1	BODY	1	SCS 13A	

NAME	JIS 20K FLANGED ENDS TORQUE CYLINDER OPE. STRAIGHT WAY BALL VALVES		
TYPE	N-755HY2	SIZE	15~100A
DMG.No.	BAAS-5132 ◇	APPROVED BY	<i>H. Yamamoto</i>
DATE	FEB. 18. 2011.	CHECKED BY	<i>K. Akiyama</i>
SCALE		DESIGNED BY	
THIRD ANGLE PROJECTION METHOD		DRAWN BY	<i>M. Takahashi</i>