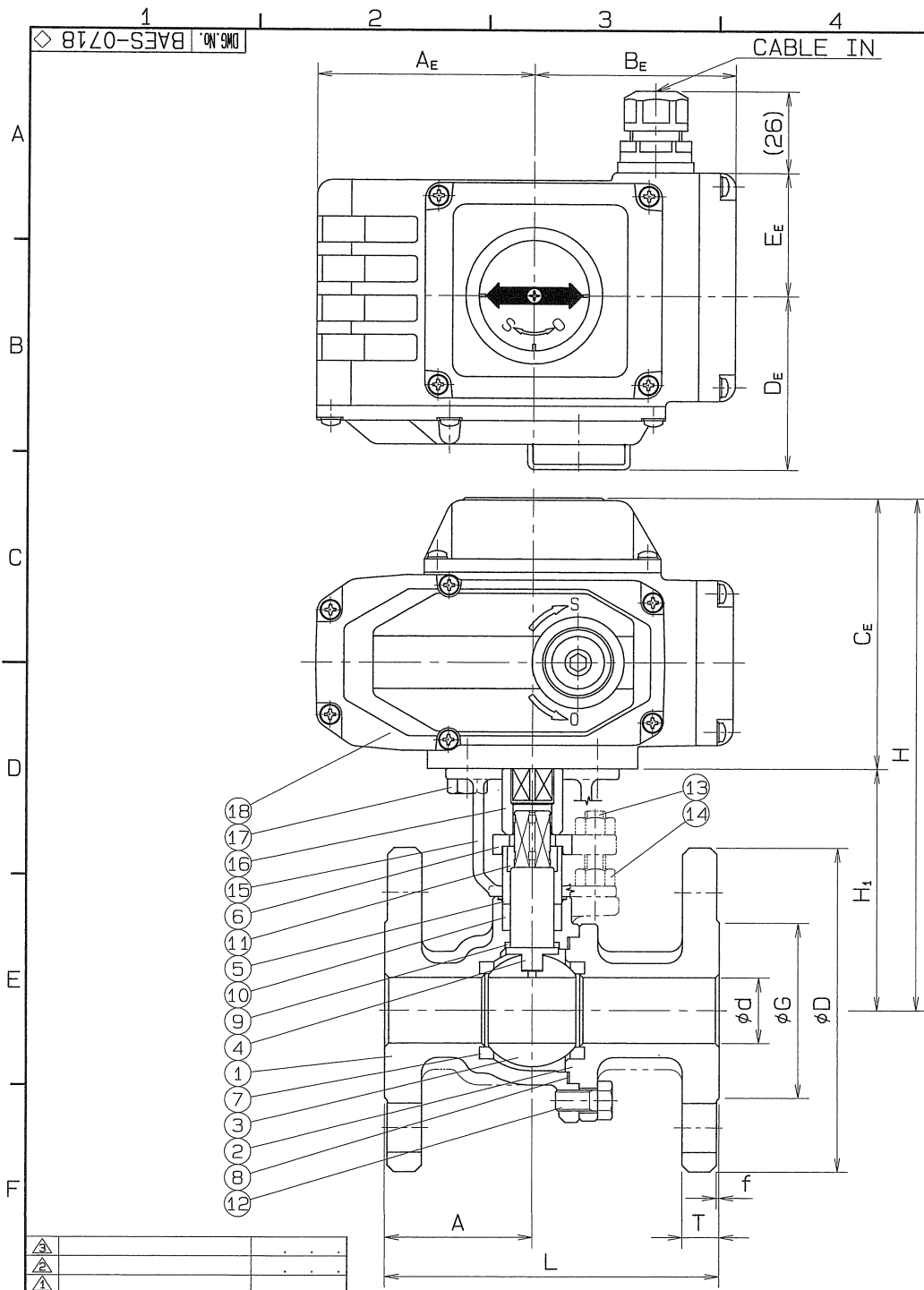


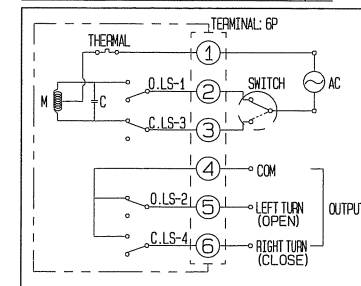


SIZE	d	L	D	T	G	f	C	n	h	A	H ₁	H	A _E	B _E	C _E	D _E	E _E	MOTOR SIZE	TIME 50/60Hz	Q, TY
15	15	108	95	12	51	1	70	4	15	47.5	83	187	82.5	76	103.5	63.5	51	Unic-Z	4 / 3.3	
20	20	117	100	14	56	1	75	4	15	51	91	195	82.5	76	103.5	63.5	51	Unic-Z	4 / 3.3	
25	25	127	125	14	67	1	90	4	19	56	94	198	82.5	76	103.5	63.5	51	Unic-Z	4 / 3.3	
32	32	140	135	16	76	2	100	4	19	60	118	222	82.5	76	104	63.5	51	Unic-05	15 / 12.5	
40	40	165	140	16	81	2	105	4	19	75	124	228	82.5	76	104	63.5	51	Unic-05	15 / 12.5	

MOTORED SPECIFICATION

MAKER	Koei	TYPE	Unic
VOLTAGE	100/110V 200/220V	CYCLE	50/60Hz
S.ELECTRIC		A.C. (SINGLE-P)	

BASIC WIRING DIAGRAM FOR Unic-Z, 05



SPEC.	TEST PRESSURE
FLUID	SHELL HYDRO 2.1 MPa (21.4 kgf/cm ²)
PRESS.	SEAT AIR 0.6 MPa (6.1 kgf/cm ²)
TEMP.	AIR (°C) MPa (kgf/cm ²)

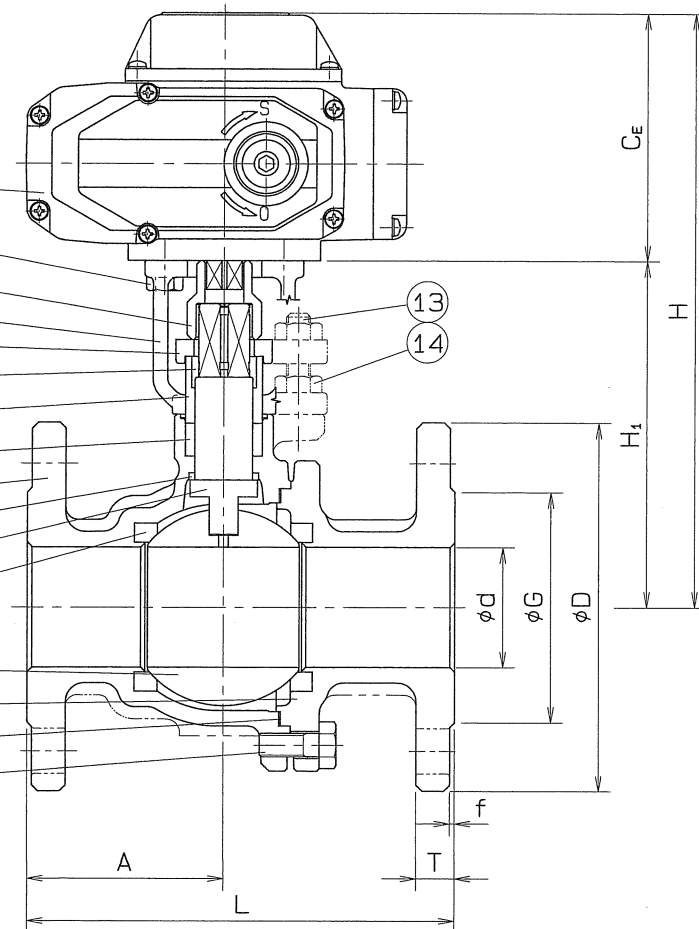
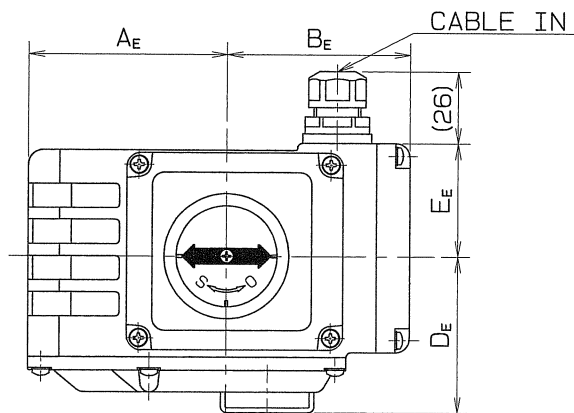
FACE TO FACE: JIS B 2002

END FLANGED: JIS B 2220

VALVE : ①-② LEFT TURN OPEN, ①-③ RIGHT TURN SHUT

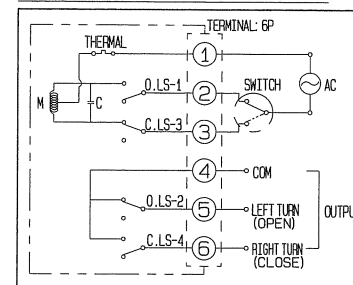
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
18	MOTOR	1		
17	HEXAGON BOLT	4	SUS 304	
16	COUPLING	1	SCS 13	
15	BRACKET	1	SCS 13	
14	HEXAGON NUT	4	SUS 304	
13	GLAND BOLT	2	SUS 304	
12	BODY CAP BOLT	4	SUS 304	
11	STEM BEARING	1	P.T.F.E.	GLASS FILLED
10	GLAND PACKING	1 SET	P.T.F.E.	
9	THRUST BEARING	1	P.T.F.E.	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 316	
3	BALL DISC	1	SCS 14A	
2	BODY CAP	1	SCS 14A	
1	BODY	1	SCS 14A	
NAME	JIS 10K R.F. FLANGED ENDS STRAIGHT WAY BALL VALVES			
TYPE	J-715EK	SIZE	15 ~ 40 A	
DATE	MAR. 8.2011.	CHECKED BY	H. Miura	
SCALE		DESIGNED BY		
THIRD ANGLE PROJECTION METHOD		DRAWN BY	H. Miura	
O. N. INDUSTRIES LTD.				

◇ 6170-SSES-0719 ◇ ON. GND

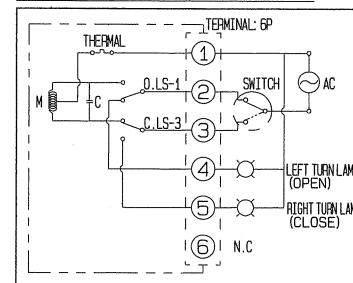


SIZE	d	L	D	T	G	f	BOLT HOLE			A	H ₁	H	MOTOR					MOTOR SIZE	TIME 50/60Hz	Q, TY
							C	n	h				A _E	B _E	C _E	D _E	E _E			
50	50	178	155	16	96	2	120	4	19	81.5	145	248	82.5	76	104	63.5	51	Unic-05	15 / 12.5	
65	65	190	175	18	116	2	140	4	19	89.5	152	281	97.5	110	129	68	54.5	Unic-10	30 / 25	

BASIC WIRING DIAGRAM FOR Unic-05



BASIC WIRING DIAGRAM FOR Unic-10



MOTORED SPECIFICATION

MAKER	Koei	TYPE	Unic
VOLTAGE	100/110V	CYCLE	50/60Hz
	200/220V		
S.ELECTRIC		A.C. (SINGLE-P)	

SPEC.	TEST PRESSURE
FLUID	SHELL HYDRO 2.1 MPa (21.4kgf/cm ²)
PRESS. (MPa (kgf/cm ²))	SEAT AIR 0.6 MPa (6.1 kgf/cm ²)
TEMP. (°C)	AIR (MPa (kgf/cm ²))

FACE TO FACE: JIS B 2002

END FLANGED: JIS B 2220

VALVE : ①-②LEFT TURN OPEN, ①-③RIGHT TURN SHUT

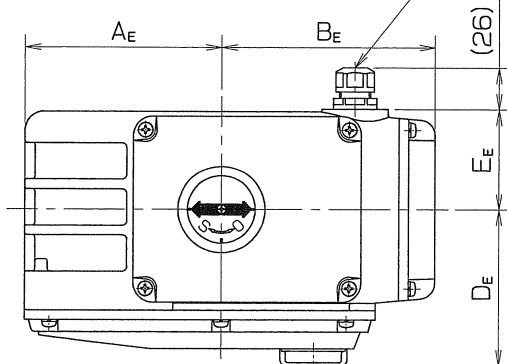
18	MOTOR	1		
17	HEXAGON BOLT	4	SUS 304	
16	COUPLING	1	SCS 13	
15	BRACKET	1	SCS 13	
14	HEXAGON NUT	4	SUS 304	
13	GLAND BOLT	2	SUS 304	
12	BODY CAP BOLT	6	SUS 304	
11	STEM BEARING	1	P.T.F.E.	GLASS FILLED
10	GLAND PACKING	1set	P.T.F.E.	
9	THRUST BEARING	1	P.T.F.E.	GLASS FILLED
8	GASKET PACKING	1	P.T.F.E.	
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 316	
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	JIS 10K R.F. FLANGED ENDS STRAIGHT WAY BALL VALVES			
TYPE	J-715EK	SIZE	50, 65 A	
DMG.No.	BAES-0719 ◇	APPROVED BY	H. Miura	
DATE	MAR. 8.2011.	CHECKED BY	H. Miura	
SCALE		DESIGNED BY		
THIRD ANGLE PROJECTION METHOD		DRAWN BY	H. Miura	

O. N. INDUSTRIES LTD.

◇ 0270-0720 BAES-0720

CABLE IN

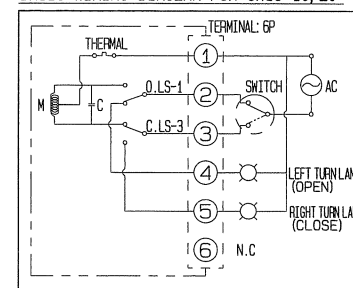


SIZE	d	L	D	T	G	f	BOLT HOLE			A	H ₁	H	MOTOR					MOTOR SIZE	TIME 50/60Hz	Q, TY
							C	n	h				A _E	B _E	C _E	D _E	E _E			
80	80	203	185	18	126	2	150	8	19	90.5	196	325	97.5	110	129	68	54.5	Unic-10	30 / 25	
100	100	229	210	18	151	2	175	8	19	104.5	221	362	123	133	140.5	93	62.5	Unic-20	30 / 25	

MOTORED SPECIFICATION

MAKER	Koei	TYPE	Unic
VOLTAGE	100/110V 200/220V	CYCLE	50/60Hz
S. ELECTRIC		A.C. (SINGLE-P)	

BASIC WIRING DIAGRAM FOR Unic-10, 20

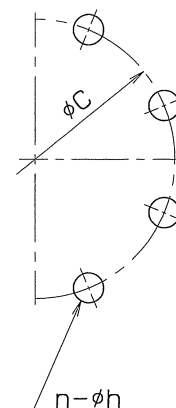
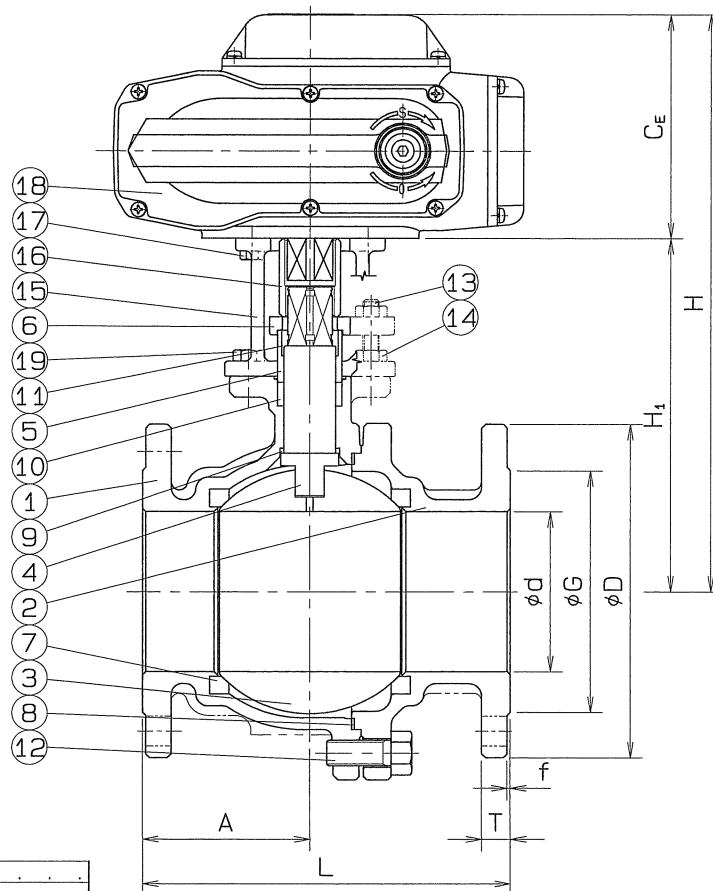


SPEC.		TEST PRESSURE	
FLUID		SHELL	2.1 MPa (21.4 kgf/cm ²)
PRESS.	MPa (kgf/cm ²)	SEAT	0.6 MPa (6.1 kgf/cm ²)
TEMP.	°C	AIR	MPa (kgf/cm ²)

FACE TO FACE : JIS B 2002

END FLANGED : JIS B 2220

VALVE : ①-② LEFT TURN OPEN, ①-③ RIGHT TURN SHUT



19	HEXAGON BOLT	2	SUS 304	
18	MOTOR	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	6	SUS 304	
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 316	
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	JIS 10K R.F. FLANGED ENDS STRAIGHT WAY BALL VALVES			
TYPE	J-715EK	SIZE	80, 100 A	
DWG.No.	BAES-0720 ◇	APPROVED BY	H. Suenaga	
DATE	MAR. 8.2011.	CHECKED BY	H. Miura	
SCALE	:	DESIGNED BY	—	
THIRD ANGLE PROJECTION METHOD		DRAWN BY	H. Miura	
 O. N. INDUSTRIES LTD.				