

1
◇ Dwg. No. BAES-0705

A

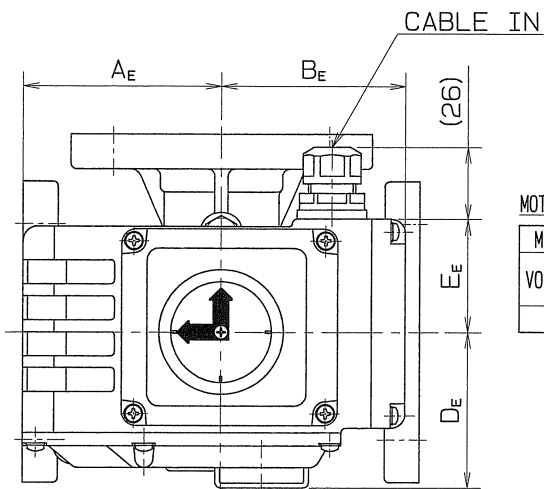
B

C

D

E

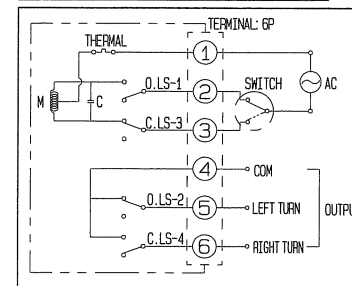
F



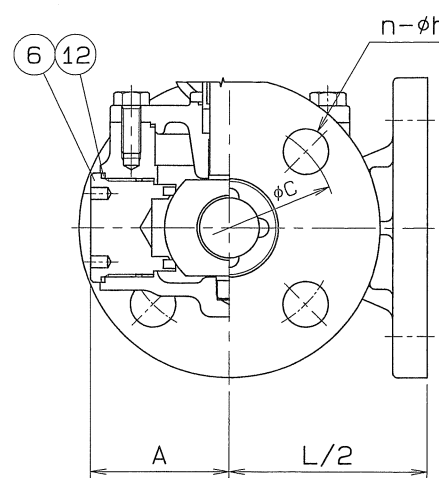
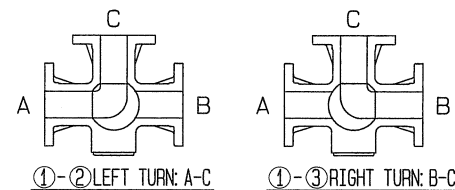
MOTORED SPECIFICATION

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



FLOW DIRECTION



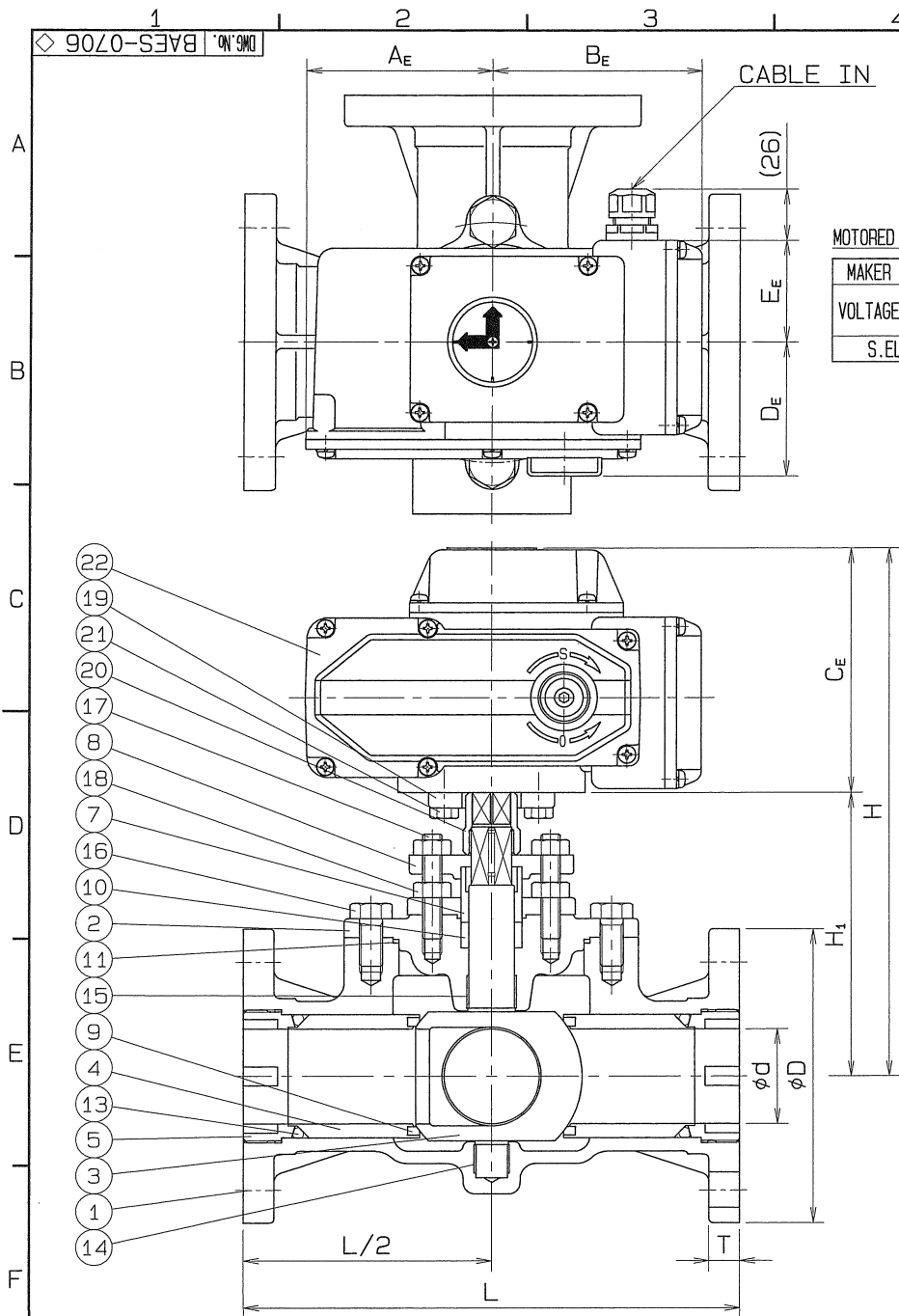
SIZE	d	L	D	T	BOLT HOLE			A	H ₁	H	MOTOR					MOTOR SIZE	TIME 50/60Hz	Q, TY
					C	n	h				A _E	B _E	C _E	D _E	E _E			
20	20	150	100	14	75	4	15	58	98	202	82.5	76	103.5	63.5	51	Unic-Z	4 / 3.3	
25	25	165	125	14	90	4	19	58	101	205	82.5	76	104	63.5	51	Unic-05	15 / 12.5	
40	40	250	140	16	105	4	19	82	130	234	82.5	76	104	63.5	51	Unic-05	15 / 12.5	

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

END FLANGED: JIS B 2220

22	MOTOR	1		
21	HEXAGON BOLT	4	SUS 304	
20	COUPLING	1	SCS 13	
19	BRACKET	1	SCS 13	
18	HEXAGON NUT	4	SUS 304	
17	GLAND BOLT	2	SUS 304	
16	COVER BOLT	4	SUS 304	
15	BEARING	1	P.T.F.E.	SUS316 FILLED
14	BEARING	1	P.T.F.E.	SUS316 FILLED
13	"O" RING	3	VITON	
12	GASKET PACKING	1	P.T.F.E.	
11	COVER PACKING	1	P.T.F.E.	
10	GLAND PACKING	1 SET	P.T.F.E.	
9	BALL SEAT	4	P.T.F.E.	
8	GLAND	1	SCS 13	
7	GLAND SLEEVE	1	SUS 316	
6	SEAT HOLDER (C)	1	SUS 304	
5	SEAT HOLDER (B)	3	SUS 304	
4	SEAT HOLDER (A)	3	SUS 304	
3	BALL DISC	1	SCS 13A	
2	BODY COVER	1	SCS 13A	
1	BODY	1	SCS 13A	

No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS 10K F.F. FLANGED ENDS 4-SEATS THREE WAY BALL VALVE L-PORT			
TYPE	N-737EK-L	SIZE	20~40A	
DWG.No.	BAES-0705 ◇	APPROVED BY	K. Minato	
DATE	NOV. 11. 2010	CHECKED BY	H. Asakura	
SCALE	:	DESIGNED BY	—	
THIRD ANGLE PROJECTION METHOD		DRAWN BY	K. Takahashi	
 O. N. INDUSTRIES LTD.				

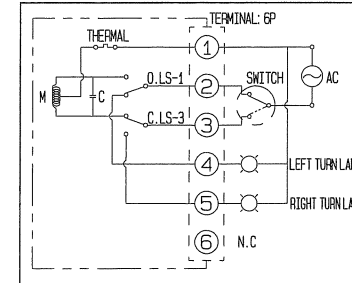


SIZE	d	L	D	T	BOLT HOLE			A	H_1	H	MOTOR					MOTOR SIZE	TIME 50/60Hz	Q, TY
					C	n	h				A_E	B_E	C_E	D_E	E_E			
50	50	260	155	16	120	4	19	96	149	278	97.5	110	129	68	54.5	Unic-10	30 / 25	
65	65	300	175	18	140	4	19	99	157	286	97.5	110	129	68	54.5	Unic-10	30 / 25	
80	80	320	185	18	150	8	19	117	180	321	123	133	140.5	93	62.5	Unic-20	30 / 25	
100	100	370	210	18	175	8	19	132	204	345	123	133	140.5	93	62.5	Unic-20	30 / 25	

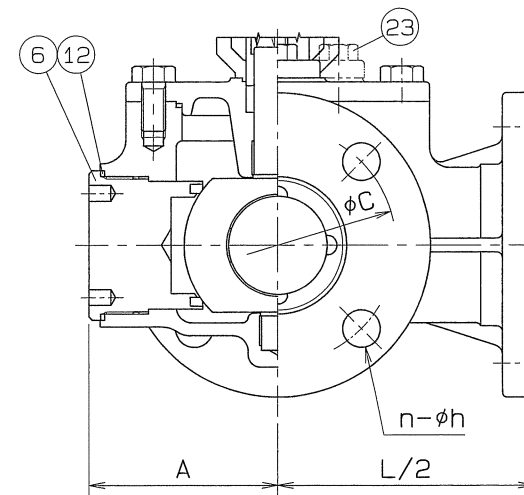
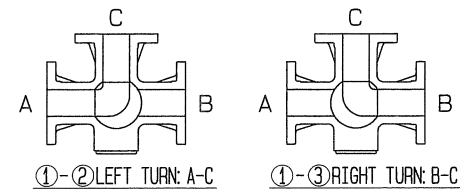
MOTORED SPECIFICATION

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

BASIC WIRING DIAGRAM FOR Unic-10, 20



FLOW DIRECTION



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)

END FLANGED: JIS B 2220

*23	HEXAGON BOLT	2	SUS 304	*EXCEPT 50-65A
22	MOTOR	1		
21	HEXAGON BOLT	4	SUS 304	
20	COUPLING	1	SCS 13	
19	BRACKET	1	SCS 13	
18	HEXAGON NUT	4	SUS 304	
17	GLAND BOLT	2	SUS 304	
16	COVER BOLT	*4	SUS 304	*65-100A 6
15	BEARING	1	P.T.F.E.	SUS316 FILLED
14	BEARING	1	P.T.F.E.	SUS316 FILLED
13	*O'RING	3	VITON	
12	GASKET PACKING	1	P.T.F.E.	
11	COVER PACKING	1	P.T.F.E.	
10	GLAND PACKING	1	P.T.F.E.	
9	BALL SEAT	4	P.T.F.E.	
8	GLAND	1	SCS 13	
7	GLAND SLEEVE	1	SUS 316	
6	SEAT HOLDER (C)	1	SUS 304	
5	SEAT HOLDER (B)	3	SUS 304	
4	SEAT HOLDER (A)	3	SUS 304	
3	BALL DISC	1	SCS 13A	
2	BODY COVER	1	SCS 13A	
1	BODY	1	SCS 13A	

No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS 10K F.F. FLANGED ENDS 4-SEATS THREE WAY BALL VALVE L-PORT			
TYPE	N-737EK-L	SIZE	50~100A	
DWG.No.	BAES-0706	APPROVED BY	K. Teraoka	
DATE	NOV. 11. 2010	CHECKED BY	H. Adachi	
SCALE		DESIGNED BY		
THIRD ANGLE PROJECTION METHOD		DRAWN BY	K. Teraoka	

O. N. INDUSTRIES LTD.