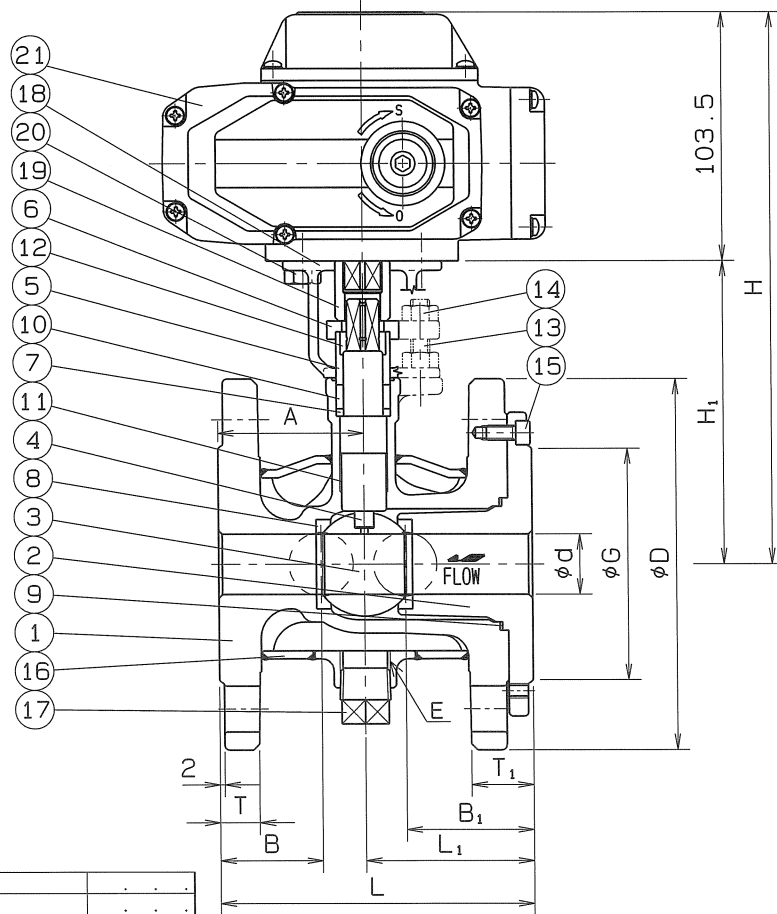
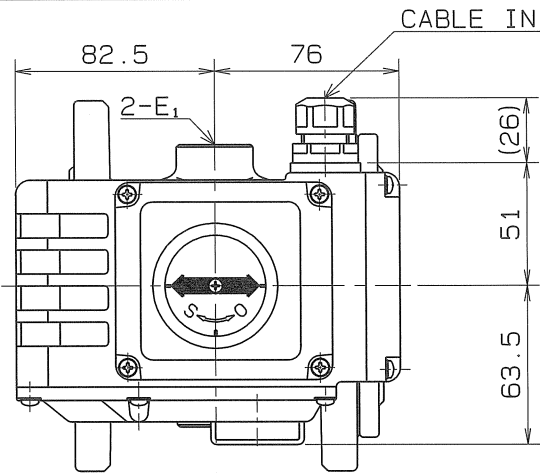


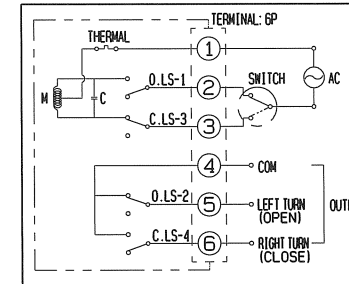
1 2 3 4 5 6 7 8

DMG.No. BAES-0721



SIZE	FLANGE SIZE	d	L	L ₁	D	T	T ₁	G	BOLT HOLE			A	B	B ₁	E	E ₁	H ₁	H	MOTOR SIZE	TIME 50/60Hz	Q, TY
15	40	15	110	59.5	140	16	25.5	81	105	4	19	50.5	50.5	59.5	Rp ¹ / ₂	Rp ³ / ₄	171.5	275	Unic-Z	4 / 3.3	
20	40	20	120	64.5	140	16	25.5	81	105	4	19	55.5	55.5	64.5	Rp ¹ / ₂	Rp ³ / ₄	175.5	279	Unic-Z	4 / 3.3	
25	50	25	130	69.5	155	16	25.5	96	120	4	19	60.5	60.5	69.5	Rp ¹ / ₂	Rp ³ / ₄	178.5	282	Unic-Z	4 / 3.3	

BASIC WIRING DIAGRAM FOR Unic-Z



MOTORED SPECIFICATION

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

SPEC.		TEST PRESSURE	
FLUID		SHELL	HYDRO 2.1 MPa
PRESS.	MPa	SEAT	AIR 0.6 MPa
TEMP.	℃	JACKET	AIR 0.6 MPa

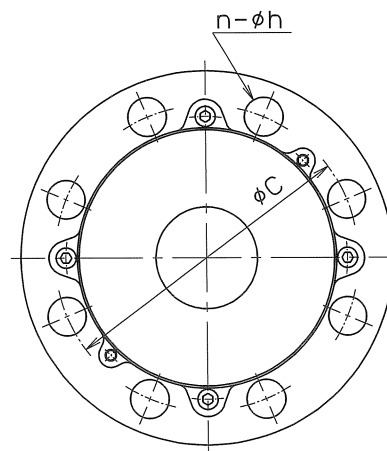
END FLANGED : JIS B 2220

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

21	MOTOR	1		
20	HEXAGON BOLT	4	SUS 304	
19	COUPLING	1	SCS 13	
18	BRACKET	1	SCS 13	
17	DRAIN PLUG	1	SCS 13	
16	JACKET		SCS 13A	
15	SOCKET BOLT	4	SUS 304	
14	HEXAGON NUT	4	SUS 304	
13	GLAND BOLT	2	SUS 304	
12	STEM BEARING	1	P.T.F.E.	GLASS FILLED
11	BEARING	1	P.T.F.E.	SUS 316
10	GLAND PACKING	1SET	P.T.F.E.	CARBON FILLED
9	GASKET PACKING	1	P.T.F.E.	CARBON FILLED
8	BALL SEAT	2	P.T.F.E.	GLASS FILLED
7	THRUST RING	1	SUS 329J1	
6	GLAND	1	SCS 13	
5	GLAND SLEEVE	1	SUS 316	
4	STEM	1	SUS 316	
3	BALL DISC	1	SCS 14A	
2	SEAT HOLDER	1	SCS 14A	
1	BODY	1	SCS 14A	

No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS 10 K R.F. FLANGED ENDS JACKET TYPE STRAIGHT WAY BALL VALVES			
TYPE	N-7017EK	SIZE	15~25A	
DMG.No.	BAES-0721	APPROVED BY	H.Ogawa	
DATE	MAR. 8.2011	CHECKED BY	H.Ogawa	
SCALE		DESIGNED BY	R.Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY		

O. N. INDUSTRIES LTD.



4		5								6						7						8			
SIZE	FLANGE SIZE	d	L	L ₁	D	T	T ₁	G	BOLT HOLE			A	B	B ₁	E	H ₁	H	MOTOR					MOTOR SIZE	TIME 50/60HZ	Q. TY
									C	n	h							A _E	B _E	C _E	D _E	E _E			
40	65	40	165	82.5	175	18	27.5	116	140	4	19	95	65	75	Rp ³ / ₄	151	254	82.5	76	104	63.5	51	Unic-05	15 / 12.5	
50	80	50	180	90	185	18	27.5	126	150	8	19	100	65	75	Rp ³ / ₄	173	277	82.5	76	104	63.5	51	Unic-05	15 / 12.5	
65	100	65	190	95	210	18	30.5	151	175	8	19	102	65	78	Rp ³ / ₄	180	309	97.5	110	129	68	54.5	Unic-10	30 / 25	

Wiring diagram for the 6P terminal block. The diagram shows a thermal switch assembly with terminals 1, 2, and 3. Terminal 1 is connected to a thermal switch. Terminal 2 is connected to a switch. Terminal 3 is connected to a common terminal (4). The switch is connected to an AC source. The common terminal (4) is connected to the left turn (open) of a relay. The left turn (open) is connected to the right turn (close) of a relay. The right turn (close) is connected to the output (OUT).

Wiring diagram for a 6-pin terminal block. The diagram shows a thermal switch assembly connected to a 6-pin terminal block. The terminals are numbered 1 through 6. Terminal 1 is connected to the 'THERMAL' switch. Terminal 2 is connected to the '0 LS-1' switch. Terminal 3 is connected to the 'C LS-3' switch. Terminal 4 is connected to the 'LEFT TURN (OPEN)' switch. Terminal 5 is connected to the 'RIGHT TURN (CLOSE)' switch. Terminal 6 is connected to 'N.C.' (Not Connected). An AC source is connected to terminals 1 and 2. A switch is connected to terminals 2 and 3. A capacitor 'C' is connected to terminals 1 and 2.

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
PRESS.	MPa	SEAT	AIR 0.6 MPa
TEMP.	°C	JACKET	AIR 0.6 MPa

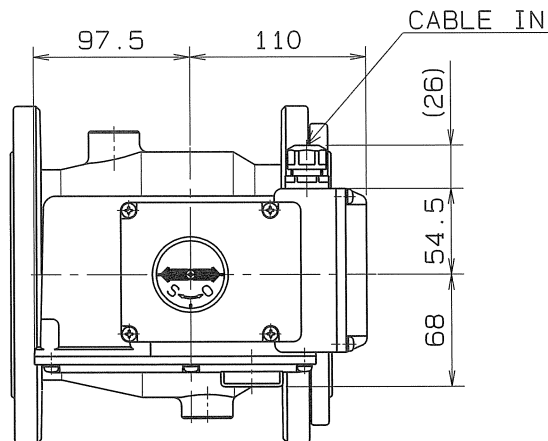
VALVE : ①-② LEFT TURN OPEN, ①-③ RIGHT TURN SHUT

21	MOTOR	1		
20	HEXAGON BOLT	4	SUS 304	
19	COUPLING	1	SCS 13	
18	BRACKET	1	SCS 13	
17	DRAIN PLUG	1	SCS 13	
16	JACKET		SCS 13A	
15	SOCKET BOLT	4	SUS 304	
14	HEXAGON NUT	4	SUS 304	
13	GLAND BOLT	2	SUS 304	
12	STEM BEARING	1	P.T.F.E.	GLASS FILLED
11	BEARING	1	P.T.F.E.	#SUS 316
10	GLAND PACKING	1 set	P.T.F.E.	CARBON FILLED
9	GASKET PACKING	1	P.T.F.E.	CARBON FILLED
8	BALL SEAT	2	P.T.F.E.	GLASS FILLED
7	THRUST RING	1	SUS 329J1	
6	GLAND	1	SCS 13	
5	GLAND SLEEVE	1	SUS 316	
4	STEM	1	SUS 316	
3	BALL DISC	1	SCS 14A	
2	SEAT HOLDER	1	SCS 14A	
1	BODY	1	SCS 14A	

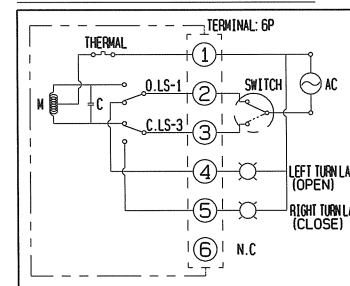
No.	NAME OF PARTS	Q.TY	MATERIALS	REMARKS
NAME	JIS 10 K R.F. FLANGED ENDS JACKET TYPE STRAIGHT WAY BALL VALVES			
TYPE	N-7017EK	SIZE	40~65A	
DWG.No.	BAES-0722 ◇	APPROVED BY	H.Ogura	
DATE	MAR. 8.2011.	CHECKED BY	H.Ogura	
SCALE	:	DESIGNED BY	R.Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY		

O. N. INDUSTRIES LTD.

SIZE	FLANGE SIZE	d	d ₁	L	L ₁	D	T	T ₁	G	BOLT C	HOLE n	h	A	B	B ₁	E	H ₁	H	MOTOR SIZE	TIME 50/60Hz	Q, TY
80	100	65	80	200	100	210	18	30.5	151	175	8	19	112	65	78	Rp ³ / ₄	180	309	Unic-10	30 / 25	
100	150	80	100	230	115	280	22	37.5	212	240	8	23	128	65	81	Rp ³ / ₄	237	366	Unic-10	30 / 25	



BASIC WIRING DIAGRAM FOR Unic-10



MOTORED SPECIFICATION

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

SPEC.	TEST PRESSURE
FLUID	SHELL HYDRO 2.1 MPa
PRESS.	MPa SEAT AIR 0.6 MPa
TEMP.	°C JACKET AIR 0.6 MPa

END FLANGED : JIS B 2220

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

21	MOTOR	1		
20	HEXAGON BOLT	4	SUS 304	
19	COUPLING	1	SCS 13	
18	BRACKET	1	SCS 13	
17	DRAIN PLUG	1	SCS 13	
16	JACKET		SCS 13A	
15	SOCKET BOLT	4	SUS 304	
14	HEXAGON NUT	4	SUS 304	
13	GLAND BOLT	2	SUS 304	
12	STEM BEARING	1	P. T. F. E.	GLASS FILLED
11	BEARING	1	P. T. F. E.	SUS 316
10	GLAND PACKING	1SET	P. T. F. E.	CARBON FILLED
9	GASKET PACKING	1	P. T. F. E.	CARBON FILLED
8	BALL SEAT	2	P. T. F. E.	GLASS FILLED
7	THRUST RING	1	SUS 329J1	
6	GLAND	1	SCS 13	
5	GLAND SLEEVE	1	SUS 316	
4	STEM	1	SUS 316	
3	BALL DISC	1	SCS 14A	
2	SEAT HOLDER	1	SCS 14A	
1	BODY	1	SCS 14A	

No.	NAME OF PARTS	Q. TY	MATERIALS	REMARKS
NAME	JIS 10 K R.F. FLANGED ENDS JACKET TYPE STRAIGHT WAY BALL VALVES			
TYPE	N-7017EK	SIZE	80, 100A	
DWG. No.	BAES-0723	APPROVED BY	H. Ogawa	
DATE	MAR. 8. 2011	CHECKED BY	H. Ogawa	
SCALE	:	DESIGNED BY	R. Matsuki	
THIRD ANGLE PROJECTION METHOD		DRAWN BY		

O. N. INDUSTRIES LTD.

