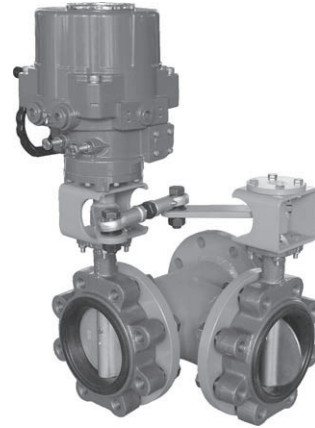




11-7

3-way ON-OFF butterfly valve GQ...A Series



Summary

3-way ON-OFF butterfly valve with GQ...A Series is flange connection type. It is installed in the system of heating and ice thermal storage, cooling tower, for the flow and blocking.

Size : 50A ~ 450A

- Ice thermal storage system
- Heating and cooling system
- Cooling tower system

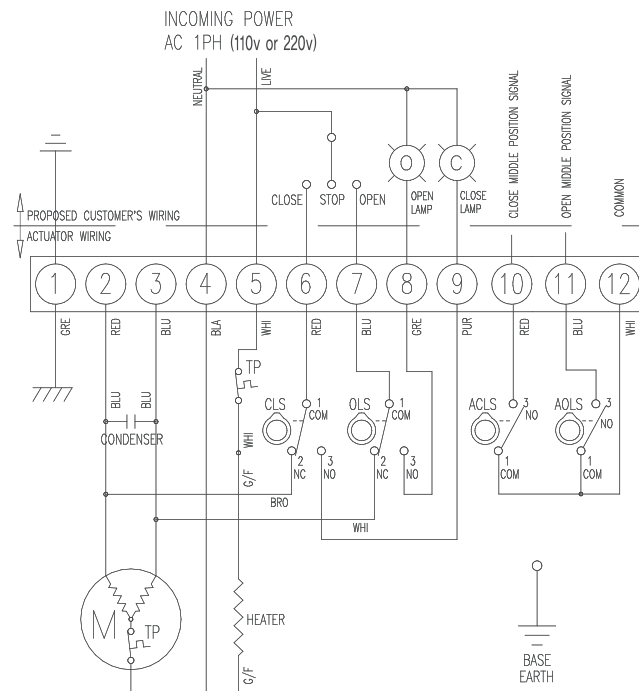
Standard of actuator

- Open / Close indicator
- Space heater
- Limit switch
- Auxiliary limit switch(no voltage)
- Manual hand-wheel

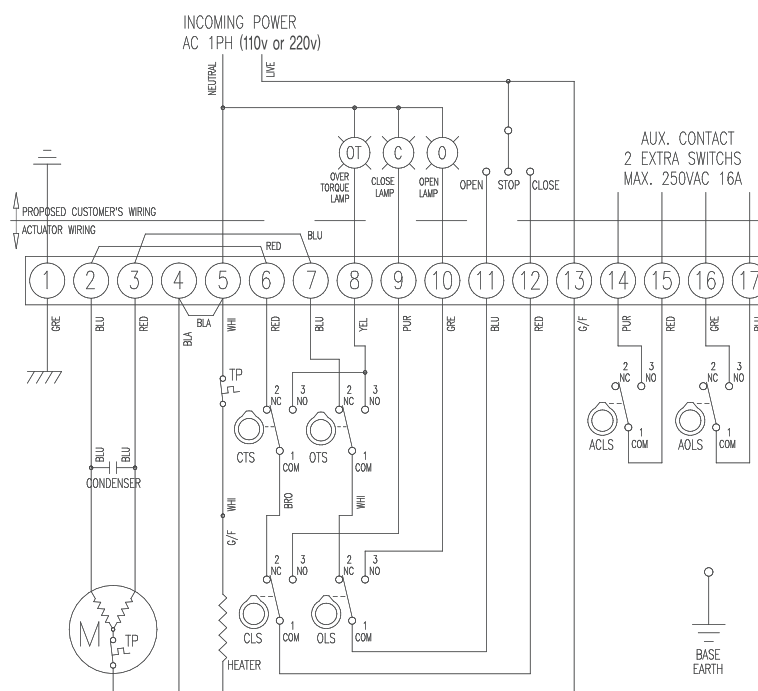
Technical Data

- ON-OFF actuator model : GQ-010A, 016A, 024A, 035A, 050A, 080A, 110A, 200A, 300A
- Power : 110VAC / 1Phase, 220VAC / 1Phase
380VAC / 3Phase, 440VAC / 3Phase
- Operation : ON-OFF
- Torque : 10, 16, 24, 35, 50, 80, 110, 200, 300kg/cm²
- Range of angle rotation : 90°±5°
- Operating time : 10min 18sec, 24min 21sec, 35min, 50min 26sec, 80min, 110min 32sec, 200min, 300min 50sec
- Manual handle with de-clutching system
- Housing protection : IP67
- Heater(installed) : 10W in common
- Valve size : 50A ~ 450A
- Materials : BODY - FC20, DISC - SUS304, SEAT - EPDM(or PTFE), STEM - SUS 304
- Max. pressure : 10Kgf/cm²
- Ambient Temp. : 70°C (120°C upon the request with order)
- Type : LUGGED BODY TYPE
- Flange connection : JIS 10K LUG Flanged Type

Wiring diagram

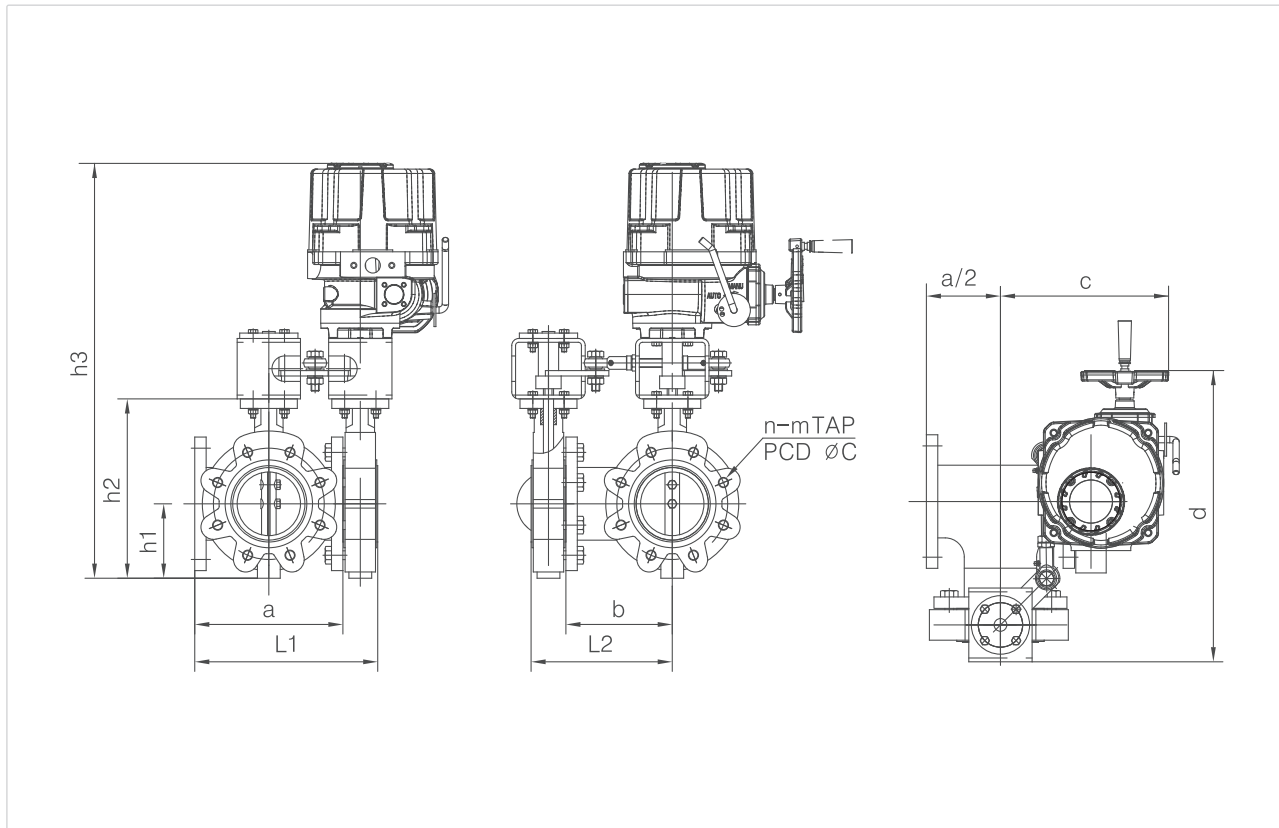


ON-OFF wiring GQ-010A [110 or 220VAC, 50/60Hz]



ON-OFF wiring GQ-016A ~ 300A [110 or 220VAC, 50/60Hz]

Shape Dimension



MODEL : VALVE / ACTUATOR

SIZE	Actuator	L1	L2	a	b	c	d	h1	h2	h3	n-m	øc
50A	GQ-010A	197	170	154	127	207	324	63	195	524	4-M19	120
65A	GQ-010A	228	187	182	141	223	326	72	210	539	4-M19	140
80A	GQ-010A	246	196	200	150	232	330	79	245	574	8-M19	150
100A	GQ-016A	290	221	238	169	255	332	100	267	630	8-M19	175
125A	GQ-024A	336	246	280	190	305	343	115	312	675	8-M23	210
150A	GQ-024A	378	267	322	211	315	358	130	330	693	8-M23	240
200A	GQ-035A	452	306	392	246	335	388	160	396	790	12-M23	290
250A	GQ-050A	538	323	470	255	385	427	215	495	889	12-M25	355
300A	GQ-080A	626	352	548	274	390	437	245	540	966	16-M25	400
350A	GQ-110A	680	379	602	301	436	468	285	561	966	16-M25	445
400A	GQ-200A	760	431	658	329	446	503	320	600	1095	16-M27	510
450A	GQ-300A	852	483	738	369	466	550	340	743	1238	20-M27	565

* Slight variance by each manufacturing