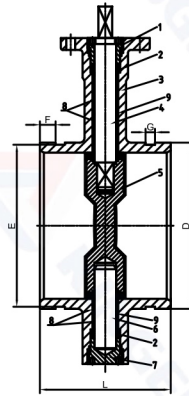
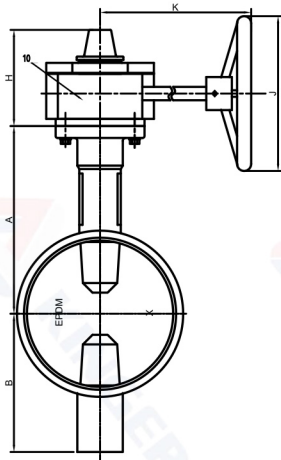


Grooved Butterfly Valve with Tamper Switch 300PSI (JKDGD-381X /JKDGD-381Y)



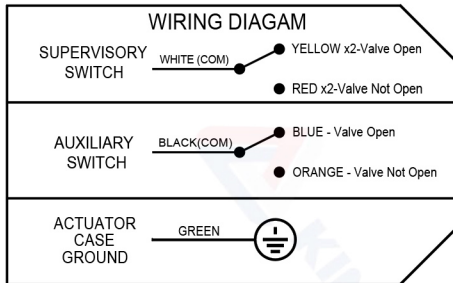
MATERIAL SPECIFICATION

PART NO.	Description	Material Specification
1	Upper Shaft Sealing Nut	WCB ASTM A216
2	Shaft Seal	EPDM ASTM D2000
3	Body	Ductile Iron ASTM A536
4	Upper Shaft	Stainless Steel 416 ASTM A582
5	Disc	EPDM ASTM D2000+DI ASTM A536
6	Lower Shaft	Stainless Steel 416 ASTM A582
7	Lower Shaft Sealing Nut	WCB ASTM A216
8	Stem Bushing	2"-6" PTFE
		8" FZ2175
		10"-12" Brass+Graphite
9	O-Ring	EPDM ASTM D2000
10	Gear Box	

- Design Standard: API 609
- Connection Ends: Groove to AWWA C606 /ISO 6182
- Top Flange Standard: ISO 5211
- Stem drive by keys, parallel or diagonal square or flat head
- Working Pressure: 300PSI
- Temperature Range: 32°F-176°F
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550 or painting upon request
- 2.5"-12" : UL/FM Approved
- 2" : UL Approved
- 2" : FM is Pending

Note:For special material request other than standard specification,please indicate clearly on the inquiry or order list.

SWITCH WIRING DIAGRAM



Item No.	Dimensions(Inch)												
	Size	A	B	D	E	F	G	H	K	J	L		
JKDGD381X02	2"	4.33	3.35	2.375	2.250	0.625	0.312	4.37	8.58	6.02	3.39	3.46	3.19
JKDGD381X025	2.5"	4.92	3.74	2.875	2.720	0.625	0.312	4.37	8.58	6.02	5.98	3.80	
				2.996	2.845								
JKDGD381X03	3"	5.51	3.94	3.500	3.344	0.625	0.312	4.37	8.58	6.02	5.98	3.82	
JKDGD381X04	4"	6.30	3.94	4.500	4.334	0.625	0.375	4.37	8.58	6.02	5.98	4.53	
JKDGD381X05	5"	6.69	4.92	5.500	5.334	0.625	0.375	4.37	8.58	6.02	5.98	5.21	5.83
				5.563	5.395								
JKDGD381X06	6"	7.48	5.51	6.500	6.335	0.625	0.375	4.37	8.58	6.02	7.87	5.21	5.83
				6.625	6.455								
JKDGD381X08	8"	9.06	6.89	8.625	8.441	0.750	0.438	4.96	9.13	8.27	11.81	5.80	5.24
JKDGD381X/Y10	10"	10.24	7.87	10.750	10.562	0.750	0.500	6.34	9.80		13.78	6.26	
JKDGD381X/Y12	12"	11.81	9.45	12.750	12.531	0.750	0.500	6.34	9.80		13.78	6.50	

