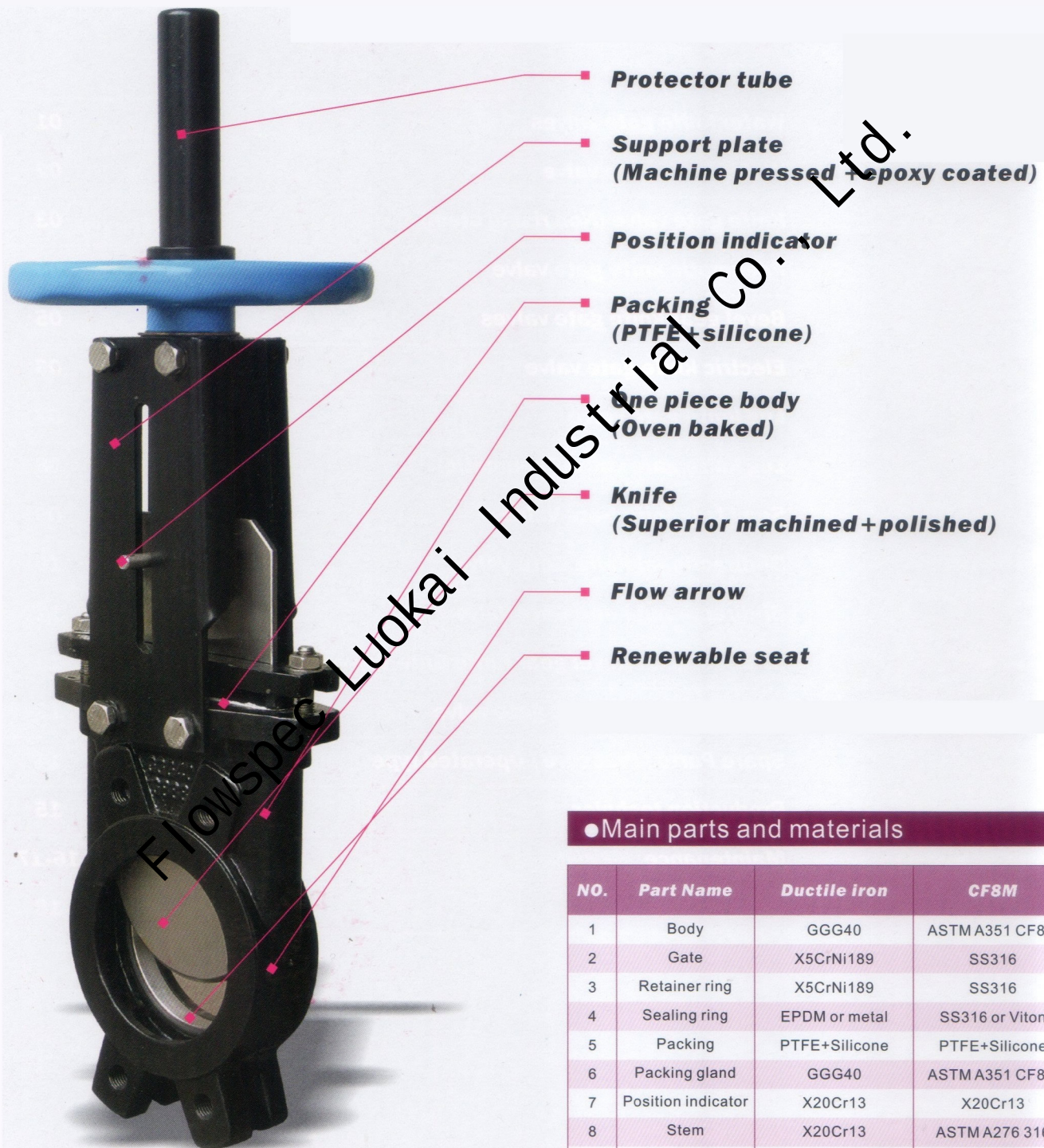


Wafer Knife Gate Valve



Protector tube

Support plate
(Machine pressed + epoxy coated)

Position indicator

Packing
(PTFE+silicone)

One piece body
(Oven baked)

Knife
(Superior machined + polished)

Flow arrow

Renewable seat

● Main parts and materials

NO.	Part Name	Ductile iron	CF8M
1	Body	GGG40	ASTMA351 CF8M
2	Gate	X5CrNi189	SS316
3	Retainer ring	X5CrNi189	SS316
4	Sealing ring	EPDM or metal	SS316 or Viton
5	Packing	PTFE+Silicone	PTFE+Silicone
6	Packing gland	GGG40	ASTMA351 CF8M
7	Position indicator	X20Cr13	X20Cr13
8	Stem	X20Cr13	ASTMA276 316
9	Stem nut	G-CuSn72nPb	ASTM B148 C95200
10	Support plate	St33	St33 or SS304

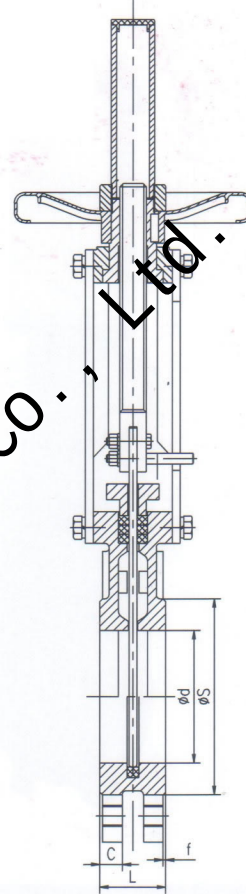
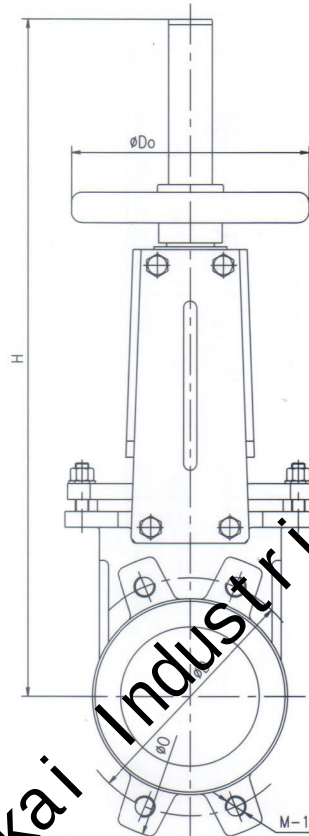
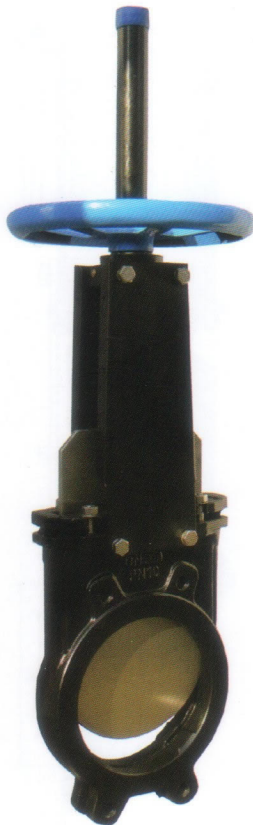
Bi-directional Knife Gate Valve BZ73X-10

Pressure rate:PN10

Size:DN50-DN1200

Body material: Ductile iron-GG40

Operated type: Handwheel, pneumatic



●Main dimensions

DN	L	O	D	S	C	f	M-1	B	H	Do	重量 (KGS)
50	40	125	95	16	2	4-M16	136	375	180	7	
65	40	145	110	16	2	4-M16	151	420	180	8	
80	50	200	127	17	2	8-M16	170	450	200	11	
100	50	220	148	17	2	8-M16	190	512	200	12	
125	50	250	174	17	2	8-M16	212	570	220	15	
150	60	285	199	21	2	8-M20	230	665	250	21	
200	60	340	250	21	2	8-M20	286	825	300	29	
250	70	395	308	24	2	12-M20	338	1000	350	46	
300	70	445	360	24	2	12-M20	388	1155	350	66	
350	96	505	416	33	2	16-M20	460	1310	400	92	
400	100	565	515	466	35	2	16-M24	520	1475	500	125

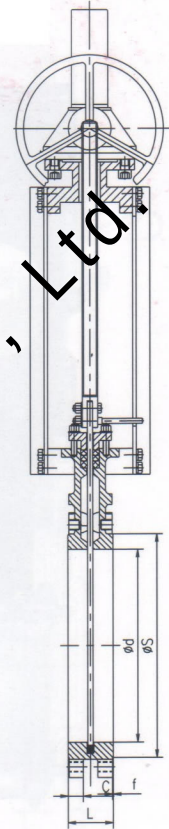
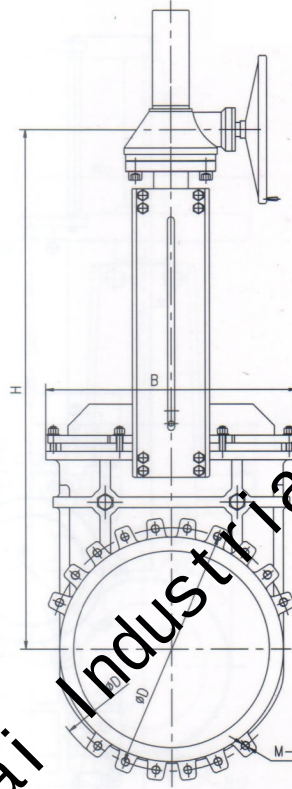
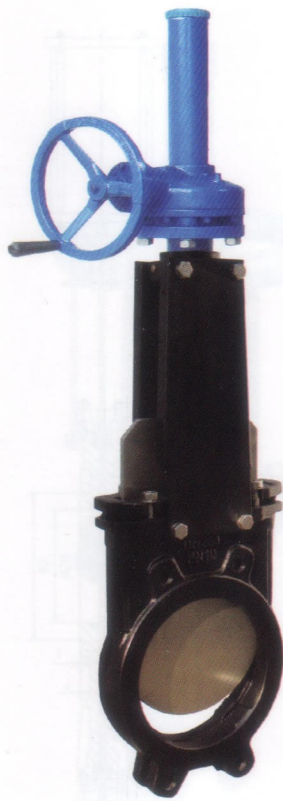
Bi-directional Knife Gate Valve BZ573X-10

Pressure rate:PN10

Size:DN50-DN1200

Body material: Ductile iron-GG40

Operated type: Bevel gear



● Main dimensions

DN	L	D	S	C	f	M-1	B	H	
450	106	615	565	525	36	2	20-M24	585	1170
500	110	670	620	574	37	2	20-M24	635	1280
600	110	780	725	664	37	2	20-M27	720	1485
700	110	895	840	1070	38	2	24-M27	807	1670
800	110	1015	950	955	38	2	24-M30	922	1880
900	110	1115	1050	955	38	2	28-M30	1030	2120
1000	110	1230	1160	1080	38	2	28-M33	1140	2270
≥DN1100 please inquiry									

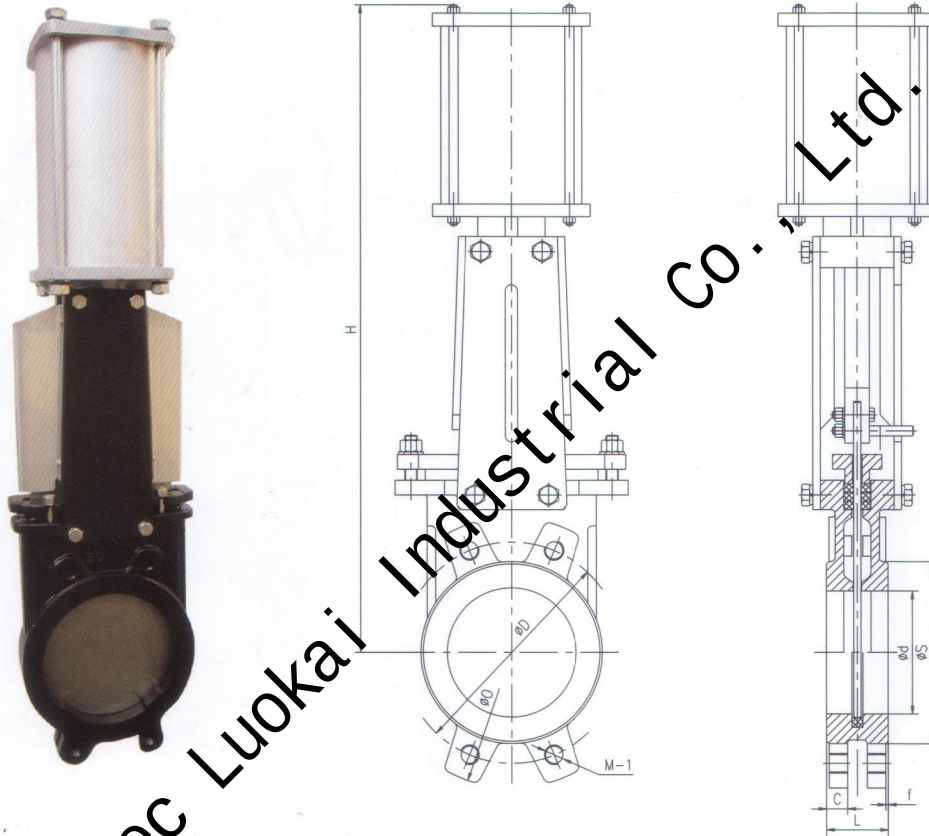
Bi-directional Knife Gate Valve Pneumatic BZ673X-10

Pressure rate:PN10

Size:DN50-DN1200

Body material: Ductile iron-GG40

Operated type: Pneumatic actuator



●Main dimensions

DN	L	O	D	S	C	f	M-1	B	H	重量 (KGS)
50	40	165	125	95	16	2	4-M16	136	430	7
65	40	185	145	110	16	2	4-M16	151	460	9
80	50	200	160	127	17	2	8-M16	170	510	12
100	50	220	180	148	17	2	8-M16	190	570	14
125	50	250	210	174	17	2	8-M16	212	660	22
150	60	285	240	199	21	2	8-M20	230	720	25
200	60	340	295	250	21	2	8-M20	286	890	38
250	70	395	350	308	24	2	12-M20	338	1120	65
300	70	445	400	360	24	2	12-M20	388	1230	77
350	96	505	460	416	33	2	16-M20	460	1370	195
400	100	565	515	466	35	2	16-M24	520	1570	240
450	106	615	565	525	36	2	20-M24	585	1720	306
500	110	670	620	584	37	2	20-M24	635	1850	365
600	110	780	725	664	37	2	20-M27	720	2150	420

≥DN700 please inquiry

Optional spare parts

Body material

- Ductile iron
- Stainless steel
- Duplex stainless steel

Gate material

- SS304
- SS316

Seat material

- Metal
- EPDM
- Nitril
- Viton
- Silicone



Optional operated type

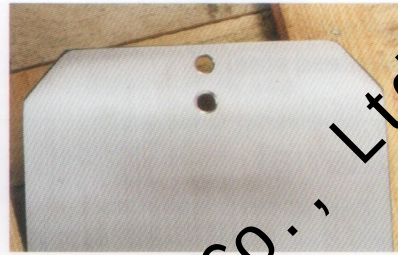
- Handwheel
- Handwheel non rising stem
- Double acting pneumatic actuator
- Single acting pneumatic actuator
- Gear box actuator
- Electric actuator
- Bare shaft

Optional pressure rate

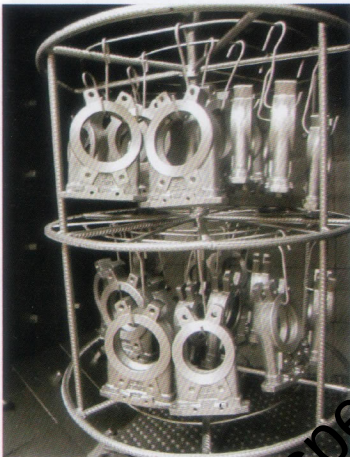
- 10 bar
- 150 lbs

High Quality Knife Gate Valve

High quality gate



Sand blasting&surface coating



Cylinder



DN50-DN300



DN350-DN600

Maintenance

Replacement of packing

Take old packing out

Put 3 layers of packing in the palce

Note that each joint of the packing should be in different places



Replacement of valve seat

A. Unscrewed packing gland and remove the gate



B. Remove retainer ring

