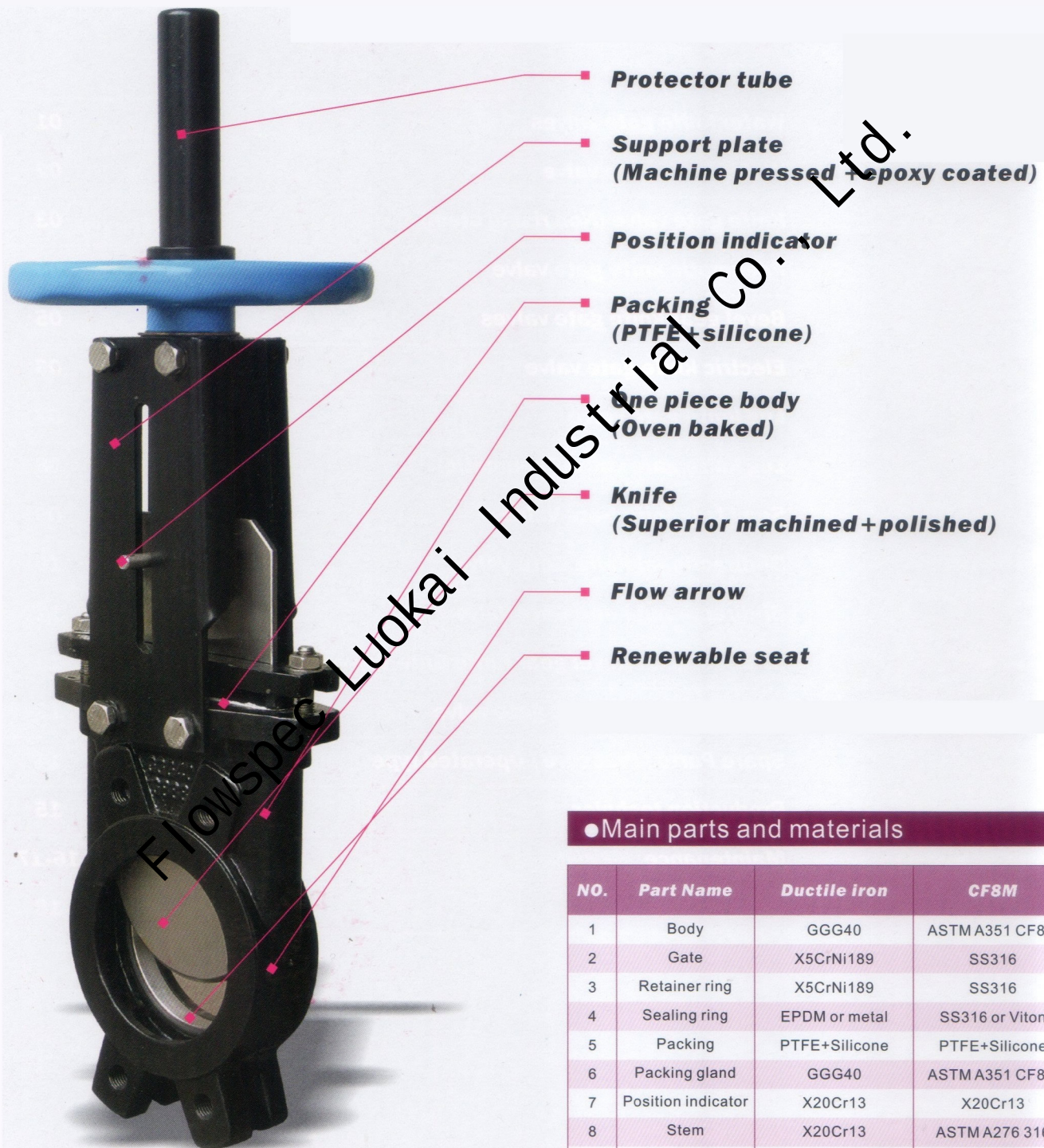


Wafer Knife Gate Valve



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

Lug Knife Gate Valve LZ73X-150LB

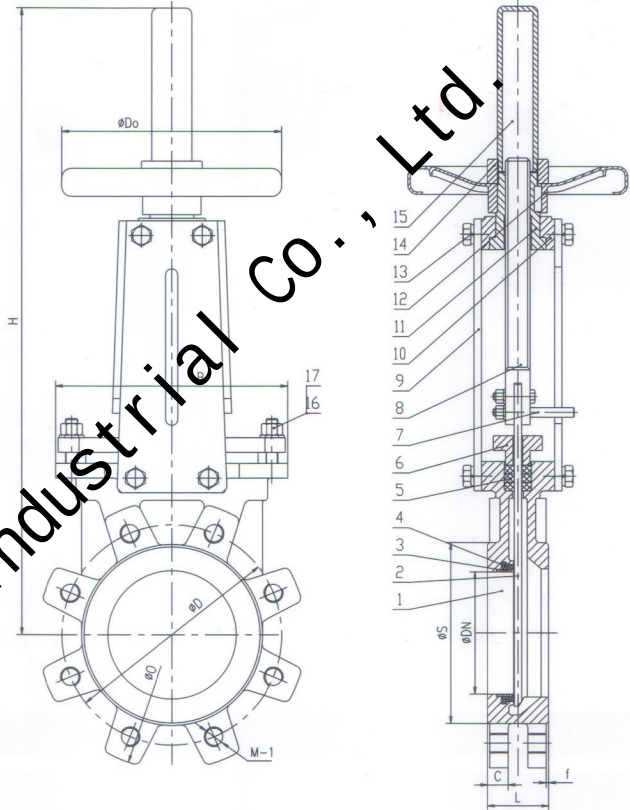
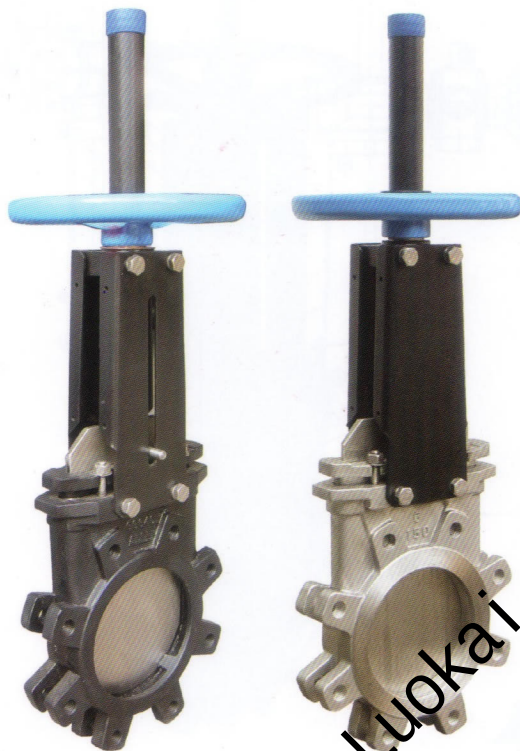
Products Range:

Pressure rate: Class 150

Size: 2"-48"

Body material: Ductile iron, carbon steel, stainless steel,
duplex stainless steel

Operated type: Handwheel



● Main dimensions

DN		L	O	D	S	C	f	M-(UNC)	B	H	Do
in	mm										
2"	50	48	152	120.5	91.9	16	1.6	4-M5/8"-11	136	375	180
2 1/2"	65	48	178	139.5	104.8	16		4-M5/8"-11	151	420	180
3"	80	51	190	152.5	127.0	17		4-M5/8"-11	170	450	200
4"	100	51	229	190.5	157.2	17		8-M5/8"-11	190	512	200
5"	125	57	254	216	185.4	17		8-M3/4"-10	212	570	220
6"	150	57	280	241.5	215.9	21		8-M3/4"-10	230	665	250
8"	200	70	343	298.5	269.7	21		8-M3/4"-10	286	825	300
10"	250	70	406	362	323.8	24		12-M7/8"-9	338	1000	350
12"	300	76	483	432	381.0	24		12-M7/8"-9	388	1155	350
14"	350	76	533	476	412.7	33		12-M1"-8	460	1310	400
16"	400	89	597	540	469.9	35		16-M1"-8	520	1475	500

≥DN18" , please inquiry

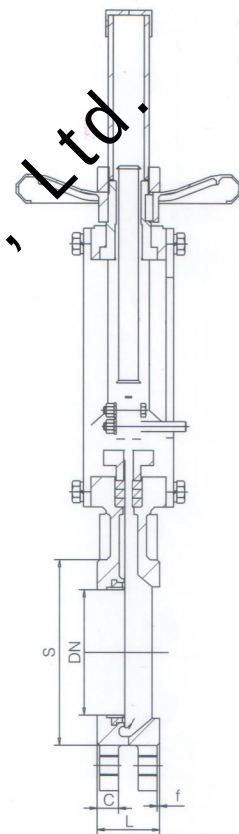
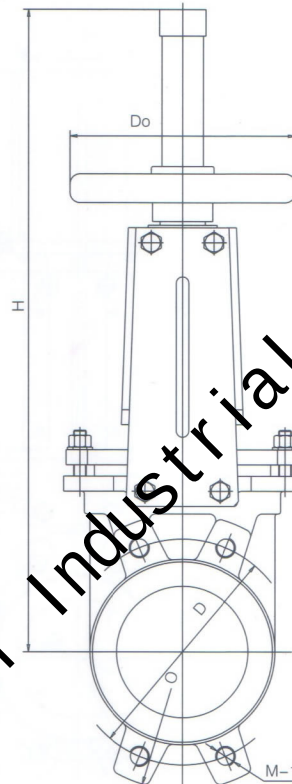
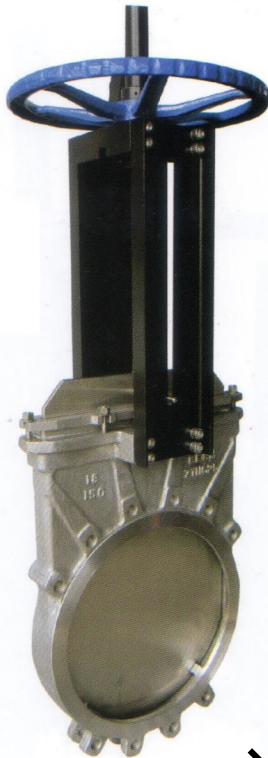
Semi Lug Knife Gate Valve SZ73X-150LB

Pressure rate: Class 150

Size: 2"-48"

Body material: Ductile iron-GG40, CF8M, CF8

Operated type: Handwheel, pneumatic, bevel gear, electric actuator



● Main dimensions

MPS	DN		O	D	S	C	F	M-1(UNC)	H	D0
2	50	48	152	120.5	95	16	1.6	4-M5/8"-11	375	180
2 1/2	65	48	178	139.5	110	16	1.6	4-M5/8"-11	420	180
3	80	51	190	152.5	127	17	1.6	4-M5/8"-11	450	200
4	100	51	229	190.5	158	17	1.6	8-M5/8"-11	512	200
5	125	57	254	216	186	17	1.6	8-M3/4"-10	570	220
6	150	57	280	241.5	216	21	1.6	8-M3/4"-10	665	250
8	200	70	343	298.5	270	21	1.6	8-M3/4"-10	825	300
10	250	70	406	362	324	24	1.6	12-M7/8"-9	1000	350
12	300	76	483	432	381	24	1.6	12-M7/8"-9	1155	350
14	350	76	533	476	414	33	1.6	12-M1"-8	1310	400
16	400	89	597	540	470	35	1.6	16-M1"-8	1475	500

Lug Knife Gate Valve LZ673X-150LB

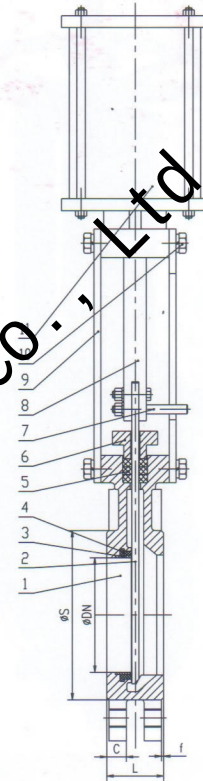
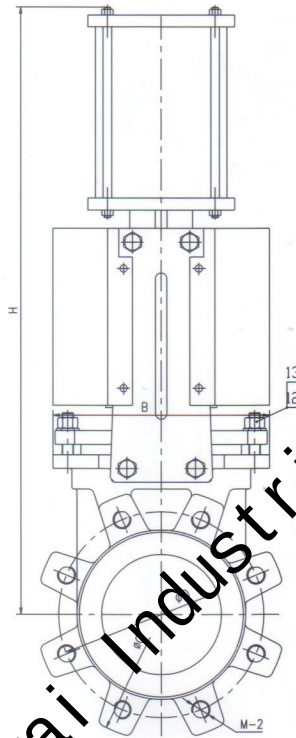
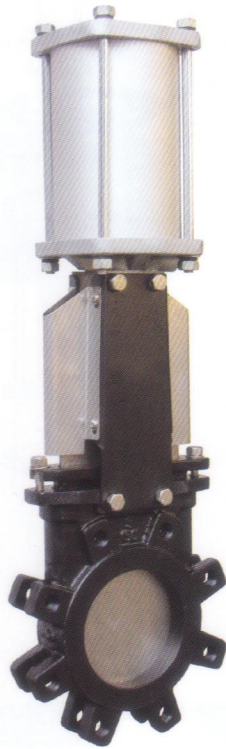
Products Range:

Pressure rate: Class 150

Size: 2"-32"

Body material: Ductile iron, carbon steel, stainless steel,
duplex stainless steel

Operated type: Pneumatic actuator



● Main dimensions

DN		L	O	D	S	C	f	M-(UNC)	B	H
in	mm									
2"	50	48	150	120.5	91.9	16	1.6	4-M5/8"-11	136	430
2 1/2"	65	48	150	139.5	104.8	16		4-M5/8"-11	151	460
3"	80	51	190	152.5	127.0	17		4-M5/8"-11	170	510
4"	100	51	229	190.5	157.2	17		8-M5/8"-11	190	570
5"	125	51	254	216	185.4	17		8-M3/4"-10	212	660
6"	150	51	280	241.5	215.9	21		8-M3/4"-10	230	720
8"	200	70	343	298.5	269.7	21		8-M3/4"-10	286	890
10"	250	70	406	362	323.8	24		12-M7/8"-9	338	1120
12"	300	76	483	432	381.0	24		12-M7/8"-9	388	1230
14"	350	76	533	476	412.7	33		12-M1"-8	460	1370
16"	400	89	597	540	469.9	35		16-M1"-8	520	1570
18"	450	89	635	578	533.4	36		16-M1"1/8-7	585	1720
20"	500	114	700	635	584.2	37		20-M1"1/8-7	635	1850
24"	600	114	813	749.5	692.1	37		20-M1"1/4-7	720	2150

≥28", 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

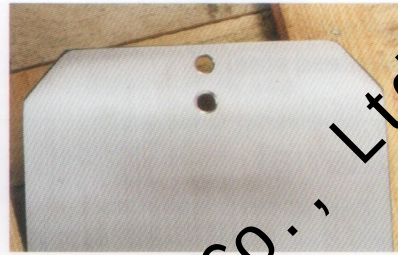
- Handwheel
- Handwheel non rising stem
- Double acting pneumatic actuator
- Single acting pneumatic actuator
- Gear box actuator
- Electric actuator
- Bare shaft

Optional pressure rate

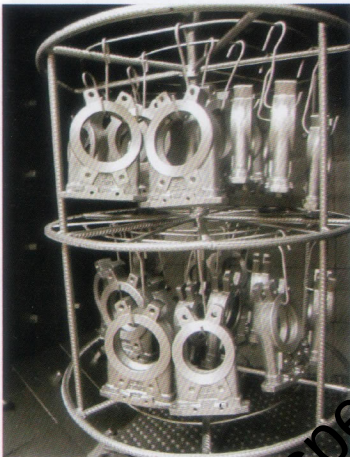
- 10 bar
- 150 lbs

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

