

Actuator Fully Welded Ball Valve



Product Description

This series of products are reliable sealing performance, maintenance-free for 20 years, switch torque light, can be installed in heat transfer stations, district heating pipe network, branch pipes, heat exchanger unit, heat transfer equipment or ancillary equipment connected to other. use for cut off . The main use of the urban heat, city gas, city water supply and drainage lines.

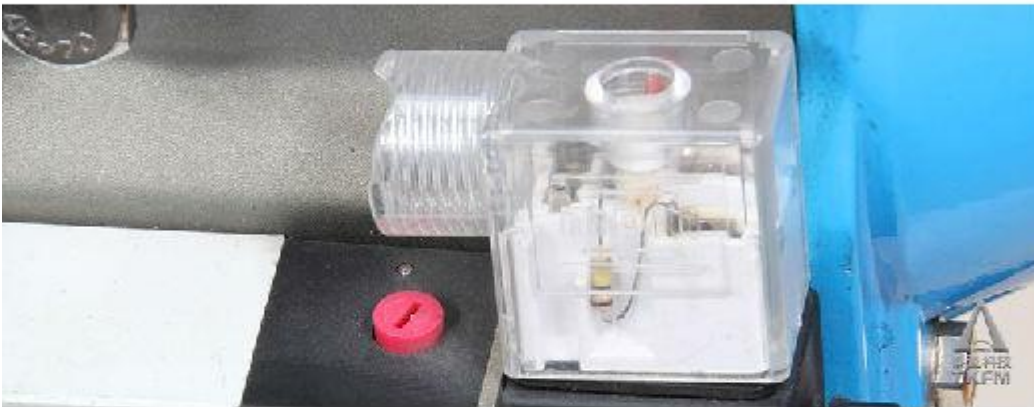
Five Advantages:

1. integral seamless steel tube pressed full-auto welded without leaking outward.
2. PTFE+25% carbon fiber and disc spring feely compensating structure zero leakage.
3. can be directly buried without need of a high ground well, saving the engineering cost.
4. both valve and pipeling are made of the same material, without the condition of uneven sterss.
5. in multiple connection combination, for use with special working conditions.

Pneumatic Executor

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Φ0	A120	A180	Air
TBN032	114	45	47	65	23.5	23.5	14	50	25	-	F03Φ36	-	M5x8	9	30	-	-	G1/8
TBN052	158.4	74	60	94	30	41	14	80	30	F05Φ36	F03Φ36	M6x11	M5x10	11	40	168.9	190	G1/4
TBN063	190	88	69	108	36	45	18	80	30	F07Φ70	F05Φ50	M8x15	M6x12	14	40	202.5	228	G1/4
TBN075	207	100	79	120	42	52	20	80	30	F07Φ70	F05Φ50	M8x13	M6x11	14	40	221.5	254	G1/4
TBN083	213	109	88	129	46	52.5	21	80	30	F07Φ70	F05Φ50	M8x15	M6x12	17	40	227.5	257	G1/4
TBN092	259	120	97.5	140	51	57.5	22	80	30	F07Φ70	F05Φ50	M8x13	M6x12	17	40	276	315.5	G1/4
TBN105	287	133	105.5	153	57.5	64	24	80	30	F10Φ102	F07Φ70	M10x18	M8x14	22	40	308	350	G1/4
TBN125	340	155	120.5	175	67.5	70	27.5	80	30	F10Φ102	F07Φ70	M10x18	M8x14	22	65	366.5	418.5	G1/4
TBN140	414	171.5	137	191.5	76	77	32	80	30	F12Φ125	F10Φ102	M12x22	M10x18	27	65	445.8	508.5	G1/4
TBN160	476	197	159.5	217	86.5	87.5	34	80	30	F12Φ125	F10Φ102	M12x22	M10x18	27	65	512.8	586	G1/4
TBN190	535	230	186	260	103	103	40	130	30	F14Φ140	-	M16x23	-	36	78	577	660.7	G1/4
TBN210	567.5	255	202	285	113	113	40	130	30	F14Φ140	-	M16x25	-	36	78	614.7	709	G1/4
TBN240	668	291.4	233	321.4	129	129	50	130	30	F16Φ165	-	M20x28	-	46	78	725	838	G1/2 (1/4)
TBN270	744	320	264	350	146	146	57	130	30	F16Φ165	-	M20x28	-	46	78	807	932.5	G1/2 (1/4)
TBN300	830	361.97	312.5	391.97	194.5	194.5	57	130	30	F25Φ254	F16Φ165	M16x24	M20x24	46	78	893	1019	G1/2
TBN350	920	412.74	358.5	442.74	221.5	221.5	60	130	30	F25Φ254	F16Φ165	M16x24	M20x24	55	95	989	1128	G1/2
TBN400	1012	464.91	391	494.91	248	248	60	130	30	F25Φ254	F16Φ165	M16x24	M20x24	55	95	1088	1239	G1/2

Flow chart



smart electric valve executor

model	torque	rpm	travle time(S)	Hand wheel turns	Power supply voltage (V)	Power phase	Frequency (HZ)	Motor power (KW)	Rated current (A)	Work system	connection of flange		MAX diameter (mm)	weight (kg)
											Default flanges	Note the flange		
BIT08	60	1	15	8.5	380	3	50	15	0.25	S2(10min)	F05	—	22	11
BIT10	100	1	15	8.5	380	3	50	25	0.28	S2(10min)	F05	—	22	11
BIT15	150	1	18	10	380	3	50	40	0.39	S2(10min)	F05	—	28	13
BIT15	150	2	9	10	380	3	50	45	0.50	S2(10min)	F05	—	28	13
BIT20	200	1	18	10	380	3	50	45	0.50	S2(10min)	F07	—	28	13
BIT20	200	2	9	10	380	3	50	45	0.50	S2(10min)	F07	—	28	13
BIT30	300	0.5	24	12.5	380	3	50	50	0.40	S2(10min)	F10	—	38	17
BIT30	300	1	12	12.5	380	3	50	50	0.40	S2(10min)	F10	—	38	17
BIT30	300	2	6	12.5	380	3	50	60	0.45	S2(10min)	F10	—	38	17
BIT40	400	0.5	24	12.5	380	3	50	60	0.45	S2(10min)	F10	—	38	17
BIT40	400	1	12	12.5	380	3	50	60	0.45	S2(10min)	F10	—	38	17
BIT40	400	2	6	12.5	380	3	50	90	0.73	S2(10min)	F10	—	38	17
BIT50	500	0.5	24	12.5	380	3	50	90	0.73	S2(10min)	F10	—	38	17
BIT50	500	1	12	12.5	380	3	50	90	0.73	S2(10min)	F10	—	38	17
BIT50	500	2	6	12.5	380	3	50	90	0.73	S2(10min)	F10	F14	38	17
BIT60	600	0.5	28	14.5	380	3	50	90	0.73	S2(10min)	F12	F14	50	25
BIT60	600	1	14	14.5	380	3	50	140	0.80	S2(10min)	F12	F14	50	25
BIT60	600	2	7	14.5	380	3	50	140	0.80	S2(10min)	F12	F14	50	25
BIT80	800	0.5	28	14.5	380	3	50	140	0.80	S2(10min)	F12	F14	50	25
BIT80	800	1	14	14.5	380	3	50	180	0.98	S2(10min)	F12	F14	50	25
BIT80	800	2	7	14.5	380	3	50	180	0.98	S2(10min)	F12	—	50	25
BIT90	900	0.4	37	38.8	380	3	50	50	0.40	S2(10min)	F12	F14	60	35
BIT100	1000	0.5	28	14.5	380	3	50	180	0.98	S2(10min)	F12	F14	50	25
BIT100	1000	1	14	14.5	380	3	50	180	0.98	S2(10min)	F12	—	50	25
BIT120	1200	0.4	37	38.8	380	3	50	60	0.45	S2(10min)	F14	—	60	35
BIT160	1500	0.4	37	38.8	380	3	50	90	0.73	S2(10min)	F14	—	60	35
BIT180	1800	0.3	45	46	380	3	50	140	0.80	S2(10min)	F14	F16	75	50
BIT240	2400	0.3	45	46	380	3	50	180	0.98	S2(10min)	F14	F16	76	50
BIT300	3000	0.3	45	46	380	3	50	180	0.98	S2(10min)	F14	F16	75	50