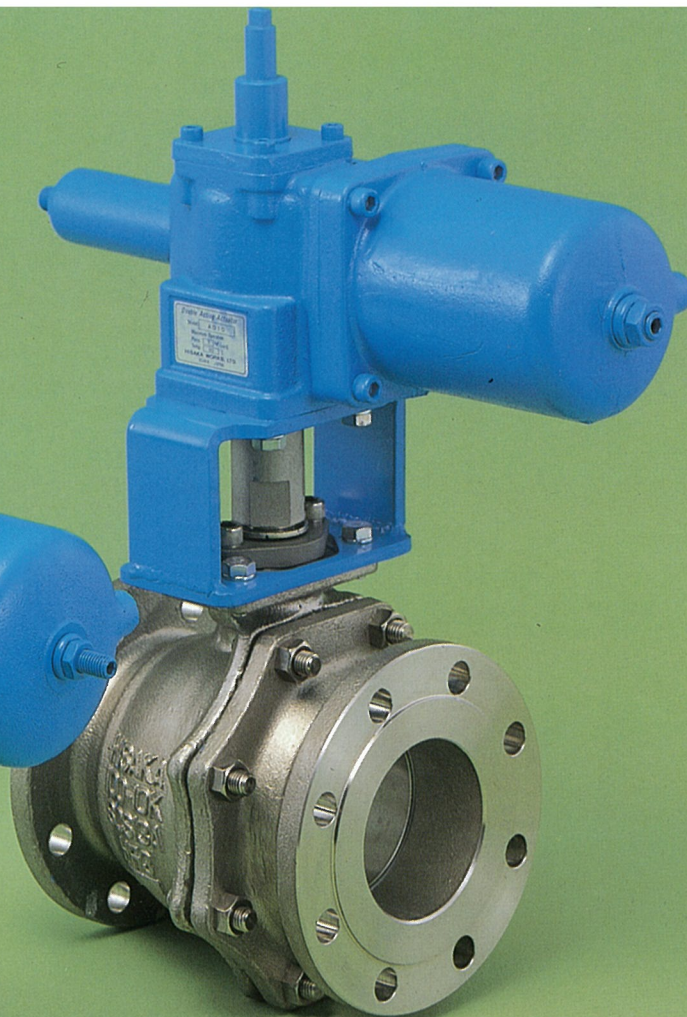
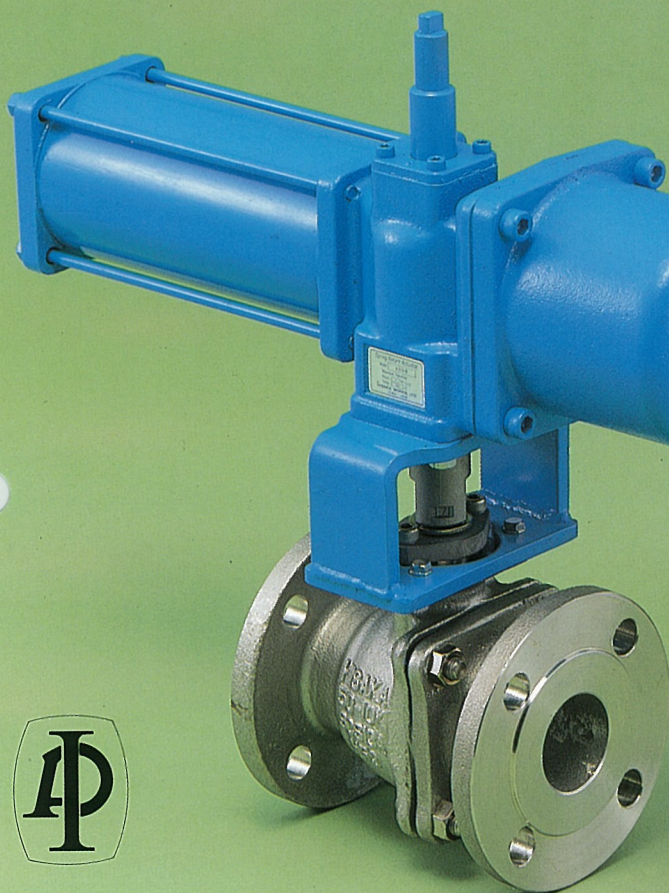




HIGH TORQUE
HIGH DURABILITY
NON-LUBRICANT USE



DOUBLE ACTING · SINGLE ACTING PNEUMATIC ACTUATOR

HISAKA BALL VALVES

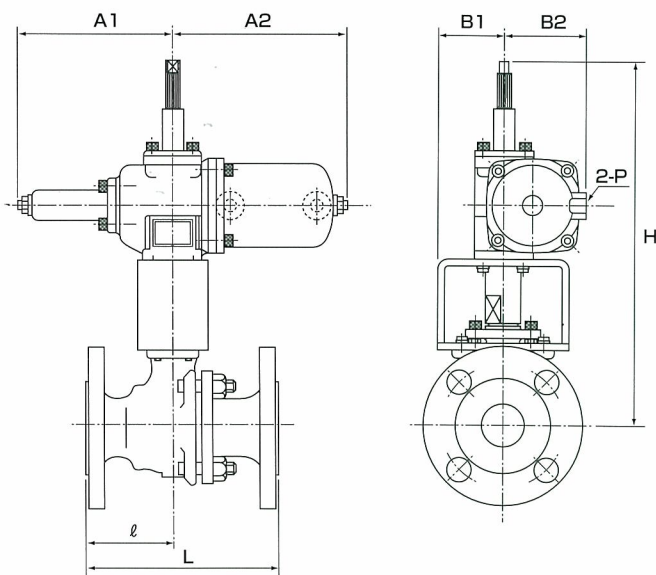
■ HF5-TD ■ HF5-TS

HISAKA WORKS, LTD.

Cat: No. TD-B0507

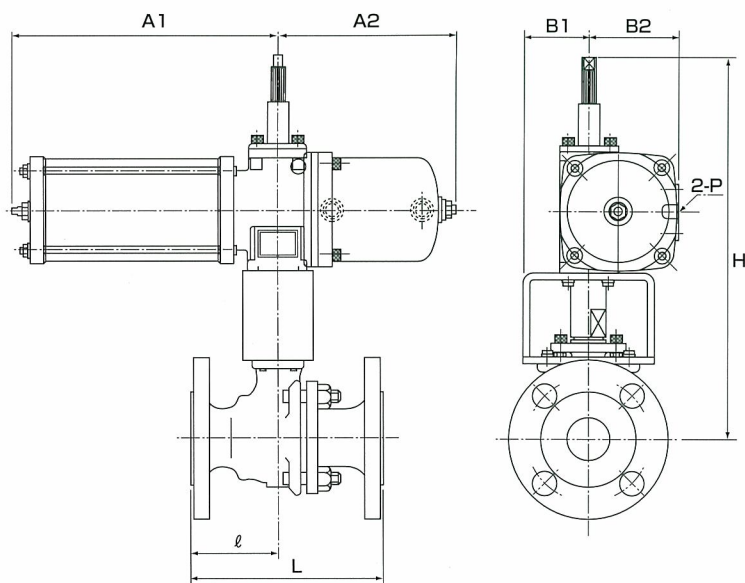
PNEUMATIC OPERATED BALL VALVE

- **WATER-PROOF ACTUATOR**, There is no trouble from water, and available to use out-door.
- **OUTPUT TORQUE** is most suitable to the torque figure of ball valves.
- **NON-LUBRICANT TYPE**, then rubricator and oiler is not required to operate.
- **SUPPLY AIR PRESSURE** is normally required at 0.39MPa and available to operate up to 0.68MPa maximum.
- **ANY ACCESSORIES** (solenoid valve, limit switches, airset) are available to install easily.



HF5-TD (DOUBLE ACTING)

SIZE	L	H	A1	A2	B1	B2	P RC(PT)	ℓ	ACTUATOR	weight kg
15A	108	249	99	120	52	60	1/4	42	TD 1	5.2
20A	117	252	99	120	52	60		47		5.5
25A	127	261	99	120	52	60		51		6.7
32A	140	274	134	151	52	70		55	TD 2	10.0
40A	165	294	134	151	63	70		75		12.0
50A	178	330	171	200	75	87	3/8	82	TD 3	18.5
65A	190	364	171	200	78	87		84		23.8
80A	203	401	224	257	83	112		90	TD 4	35.9
100A	229	432	224	257	78	112		110		46.9
125A	320	557	272	315	110	149		160	TD 5	86.4
150A	394	577	272	315	110	149		197		102.4
200A	457	701	338	372	110	188		228	TD 6	176.3



HF5-TS (SINGLE ACTING)

SIZE	L	H	A1	A2	B1	B2	P RC(PT)	ℓ	ACTUATOR	weight kg
15A	108	262	204	122	52	71	1/4	42	TS 1	7.2
20A	117	265	204	122	52	71		47		7.5
25A	127	274	204	122	52	71		51		8.7
32A	140	291	231	154	52	82		55	TS 2	14.2
40A	165	311	231	154	63	82		75		16.0
50A	178	356	320	197	75	102	3/8	82	TS 3	25.5
65A	190	390	320	197	78	102		84		31.8
80A	203	444	436	265	83	135		90	TS 4	55.9
100A	229	475	436	265	78	135		110		66.9
125A	320	611	567	329	110	184		160	TS 5	134.4
150A	394	631	567	329	110	184		197		150.4
200A	457	789	657	393	150	233		228	TS 6	286.3

Dimensions are based on clean water at 0.39MPa air supply.

AIR CONSUMPTION

(Nℓ/cycle at 0.39MPa)

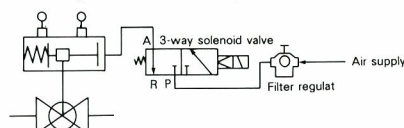
TD1	0.8	TS1	0.9
TD2	1.6	TS2	1.5
TD3	3.9	TS3	3.7
TD4	9.6	TS4	9.8
TD5	25	TS5	26
TD6	49	TS6	53

Specification of Actuator

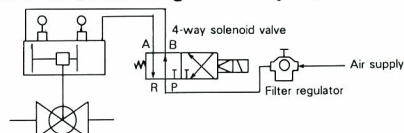
Max. operating pressure: 0.68MPa
 Max. ambient temperature:
 -15°C ~ +80°C
 Lubricant: Not required
 Guaranteed cycle: 100,000∞

Typical Air Circuit

HF5-TS (Airfail to close)



HF5-TD (S.V. Energized to open)



HISAKA WORKS, LTD.

5-27,2-CHOME, NONAKA-KITA YODOGAWA-KU, OSAKA 532-0034, JAPAN.
 TEL:81-6-6391-8940 FAX:81-6-6391-8941 Printed in Japan