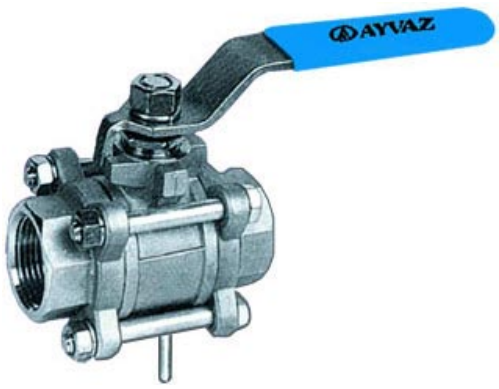
AYVAZ

Steam Trap Test Valve



KTV 10 STEAM TRAP TEST VALVE

Best effective steam trap control way is known and recommended by all users and manufacturers. Control chance by eyes during system and steam traps running. With it's working principle **KTV 10** most suitable, economic, effective and right control equipment of steam traps.

KTV 10 is a **AYVAZ** production and all patent right for international

Advantages

· **Control On Site** : Control opportunity while system and steam trap is running.

· **Accurate Result** : Clear control chance by eyes without using any equipment which works by thermodynamic and/or ultrasonic principals.

· **Economic Control** : No need a testing or analyzing firm or additional equipment costs and you don't need any additional labour or time when the system is left out of use and/or pulled up or removed.

· **Independent Control** : Self - control opportunity having no doubt.

· **No Additional Cost** : Under the normal circumstances it's assembled instead of steam valve on pipe lines. No cost of system or line equipment is required.

Operating conditions

Max. Operating Pressure PMO (bar)	40
Max. Operating Temperature TMO (°C)	320

Installation

It has to be installed horizontally to the ground.

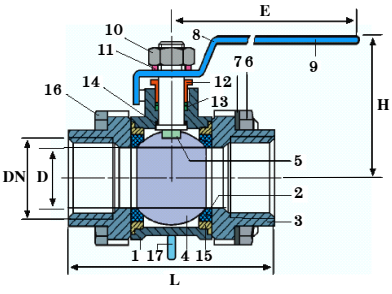
Typical applications

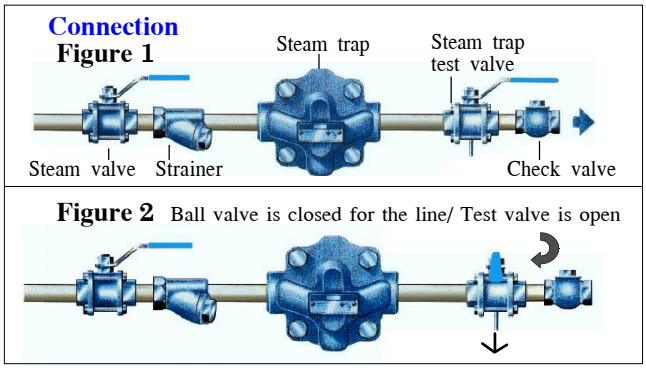
It can be used on all kind of steam lines by installation after the steam traps.

Operating principle

KTV 10 is a kind of ball valve. When **KTV 10** is open, the pipe line is working and discharged condensate by steam trap, goes to condensate pipe line (Ref.figure 1). When **KTV 10** is closed, the discharging pipe under the **KTV 10** opens so that it can be easy seen if the steam trap leaking or not (Ref. figure 2). It is recommended to install **KTV 10** min. 0.5 m. after steam trap in order not to be mistaken resulted by the flash steam.

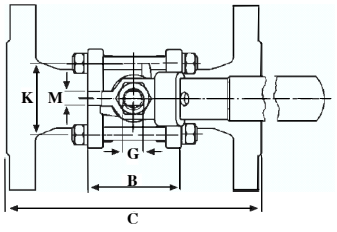
Spare parts		Qty.
1 Body	ASTM A351 Gr. CF8M	1
2 Seat	PTFE	2
3 Cap	ASTM A351 Gr. CF8M	2
4 Ball	SS 316	1
5 Stem	SS 316	1
6 Nut	SS 304	4
7 Washer	SS 304	4
8 Handle cover	Plastic	1
9 Handle	SS 304	1
10 Stem nut	SS 304	1
11 Washer	SS 304	1
12 Gland	SS 304	1
13 Stem packing	PTFE	1
14 Thrust washer	PTFE	1
15 Joint gasket	PTFE	2
16 Bolt	SS 304	4
17 Pipe	SS 316	1

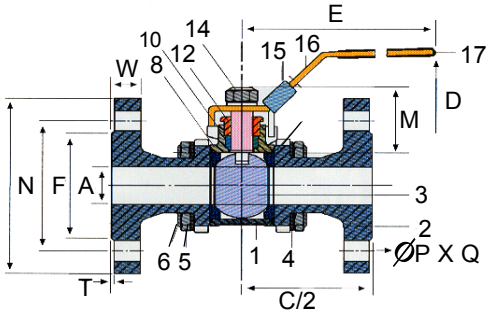




Dimensions of screwed body

Size (inch)	D	L	H	E	W(Kg)
1/2"	15	65.5	60	130	0.56
3/4"	20	76.5	64	130	0.75
1"	25	86	71	165	1.035
1-1/4"	32	102.5	78	165	1.74
1-1/2"	38	119	86	190	2.41
2"	50	131.3	95	190	3.66





Dimensions of flanged body

Size (DN)	A	B	C	D	E	F	G	H	K	L	M	N	ÆP	Q	T	W
DN 15	16	43	130	84	146.5	45	12.3	6.5	33.1	95	34.3	65	14	4	2	16
DN 20	20	52	150	87	146.5	58	12.3	6.5	38.2	105	35.2	75	14	4	2	18
DN 25	25	59.5	160	93	153.5	68	13.1	8.2	43.8	115	43.5	85	14	4	2	18
DN 32	38.1	78	200	114	217.5	88	16.3	10	61.5	150	52.0	110	18	4	3	18
DN 40	50.8	96.6	230	122	217.5	102	16.3	10	76.4	165	53.9	125	18	4	3	20
DN 50	65	117	290	150	251.5	122	19.4	12	96.9	185	68.8	145	18	8	3	22