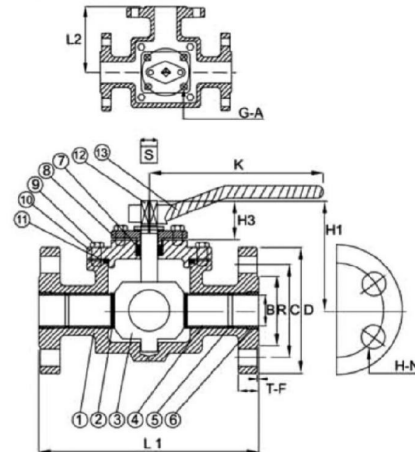


3 Way Flange End TL-28/29



3-Way Ball Valve Full Port Flanged Ends

- Material : Cast Iron / Carbon Steel / Stainless Steel Cf8 / CF8M
- Parts and materials the same as TL-27
- Size : 1"~8"



3 Way Valve Direction Indication

	T Type				L Type
	Set 1	Set 2	Set 3	Set 4	Set 5
Direction (open)					
Direction (shut)					

ANSI-150LB Dimensions

*Fig TL-28

MM	INCH	L1	L2	D	C	B	T	R	F	H	N	H1	H3 C.I.	H3 304	K	S	A	G	KG T-port	KG L-port
DN25	1"	180	90	108	79.5	24	14	51	1	15	4	105	33	42	175	12	M6	50	9.5	9.5
DN40	1 1/2"	200	100	127	98.5	38	17	73	2	15	4	130	46	53	230	16	M8	70	13	13
DN50	2"	220	110	152	120.5	47	18	92	2	19	4	136	46	53	230	16	M10	70	17	17
DN65	2 1/2"	250	125	178	139.5	63	21	105	2	19	4	150	55	65	330	19.5	M10	102	27	27
DN80	3"	260	130	190	152.5	74	23	127	2	19	4	160	60	65	330	19.5	M10	102	30	32
DN100	4"	340	170	229	190.5	97	23	150	2	19	8	180	60	65	330	19.5	M10	102	47	49
DN125	5"	424	212	254	216	123	24	186	2	22	8	220	65	70	700	25	M12	125	86	89
DN150	6"	435	217	279	241.5	144	25	216	2	22	8	240	65	75	700	25	M12	125	103	105
DN200	8"	525	262.5	343	298.5	199	28	270	2	22	8	310	85	85	700	25	M12	125	158	162

PN16 DIN3202 Dimensions

*Fig TL-29

MM	INCH	L1	L2	D	C	B	T	R	F	H	N	H1	H3 C.I.	H3 304	K	S	A	G	KG T-port	KG L-port
DN25	1"	180	90	115	85	24	16	68	1	14	4	105	33	42	175	12	M6	50	9.5	10
DN40	1 1/2"	200	100	150	110	38	16	88	2	18	4	130	46	53	230	16	M8	70	14	14.5
DN50	2"	220	110	165	125	47	18	102	2	18	4	136	46	53	230	16	M10	70	18	18.5
DN65	2 1/2"	250	125	185	145	63	18	122	2	18	4	150	55	65	330	19.5	M10	102	28	29
DN80	3"	260	130	200	160	74	20	138	2	18	8	160	60	65	330	19.5	M10	102	29	31
DN100	4"	340	170	220	180	97	20	158	2	18	8	172	60	65	330	19.5	M10	102	47	49
DN125	5"	424	212	250	210	123	22	188	2	18	8	220	65	70	700	25	M12	125	86	89
DN150	6"	435	217	285	240	144	22	212	2	22	8	240	65	75	700	25	M12	125	103	105
DN200	8"	525	262.5	340	295	199	24	267	2	22	12	310	85	85	700	25	M12	125	158	162

3 WAY BALL VALVE TORQUE VALVE CHART

UNIT : MM

Specification	1	1 1/2	2	2 1/2	3	4	5	6	8
kg/cm	120	225	300	490	720	980	3250	3900	4560
IN/LB	104.3	195.6	260.8	426	626.08	852.17	2826	3391.3	3965.16
FT/LB	8.64	16.2	21.61	35.3	51.87	70.6	234.1	280.97	328.52
N.M	11.76	22.05	29.4	48.02	70.56	96.04	318.6	382.2	447.06

KG/1.15=IN

KG/13.88=FT

KGX0.098=N.M

Second Torque Value X 1.2