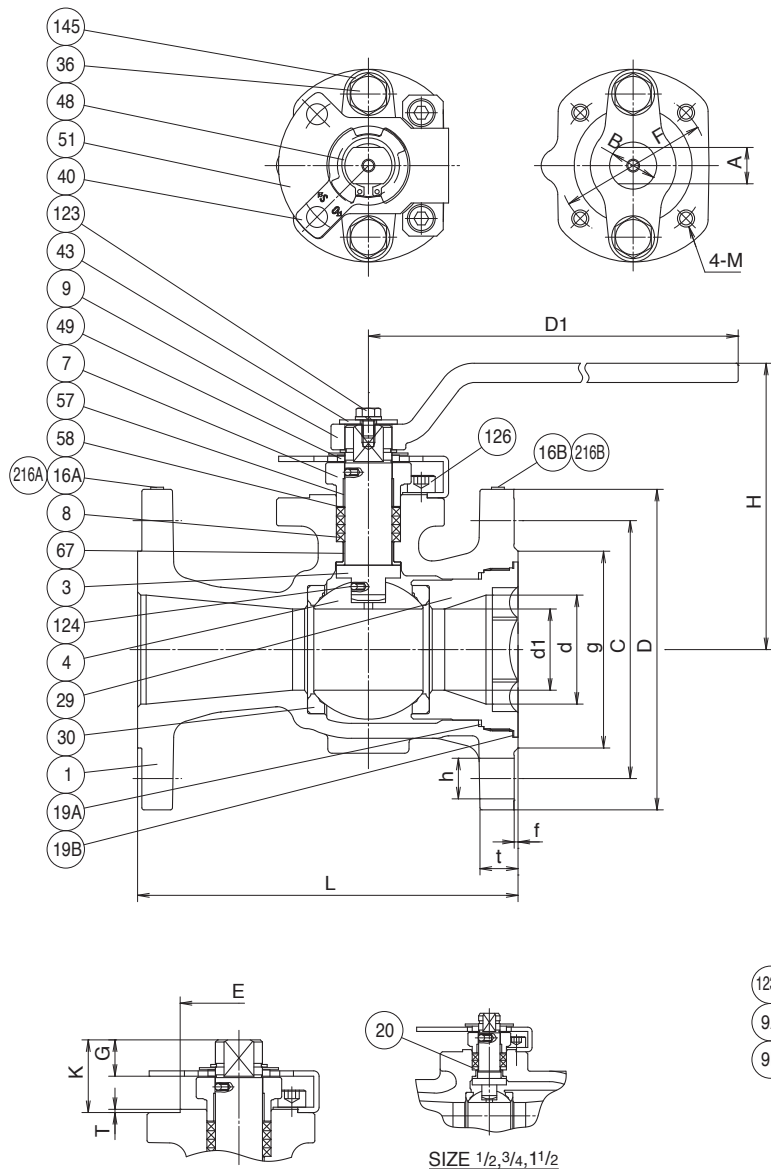




150UTAZM 150UTAZM-FS

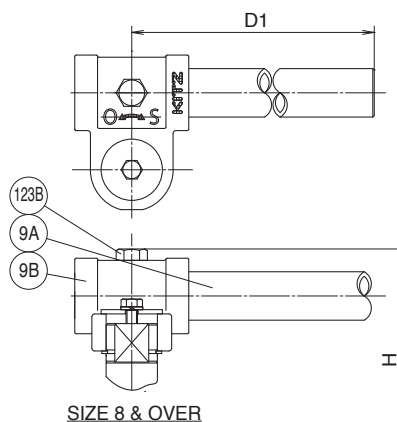


MATERIAL LIST

No.	Name of Parts	Materials
1	BODY	A351 Gr. CF8M
3	STEM	A276 TYPE 316
4	BALL	A276 TYPE 316 or A351 Gr. CF8M
7	GLAND	A351 Gr. CF8
8	GLAND PACKING	150UTAZM/150UTAZM-FS PTFE/FLEXIBLE GRAPHITE
9	HANDLE	DUCTILE IRON (SIZE 6 & SMALLER)
9A	HANDLE BAR	CARBON STEEL (SIZE 8 & OVER)
9B	HANDLE HEAD	DUCTILE IRON (SIZE 8 & OVER)
16A	NAME PLATE	STAINLESS STEEL
16B	LEV PLATE	STAINLESS STEEL
19A	GASKET	PTFE
19B	GASKET	150UTAZM-FS FLEXIBLE GRAPHITE
20	PACKING WASHER	A276 TYPE 316L
29	INSERT	A351 Gr. CF8M or A182 Gr. F 316 or A276 TYPE 316
30	BALL SEAT	HYPATITE® PTFE
36	GLAND BOLT	STAINLESS STEEL
40	KEYLOCK PLATE	STAINLESS STEEL
43	HANDLELOCK PLATE	STAINLESS STEEL
48	SNAP RING	STAINLESS STEEL
49	STOPPER	STAINLESS STEEL
51	STOPPER PLATE	STAINLESS STEEL
57	GLAND BUSHING	G/F PTFE
58	GLAND WASHER	A276 TYPE 304
67	STEM BEARING	G/F PTFE
123A	HANDLELOCK PLATE BOLT	STAINLESS STEEL
123B	HANDLE BOLT	STAINLESS STEEL
124	SPRING & PIN	A313 & A276 TYPE 316
126	STOPPER PLATE BOLT	STAINLESS STEEL
145	CONED DISC SPRINGS	INCONEL® 718 or EQUIVALENT
216A	CE PLATE	STAINLESS STEEL
216B	ATEX PLATE	STAINLESS STEEL

NOTE

(1) Dimensions A and B are in accordance with CAPI F03-S



DIMENSIONS

Unit: inch

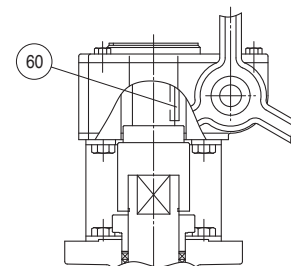
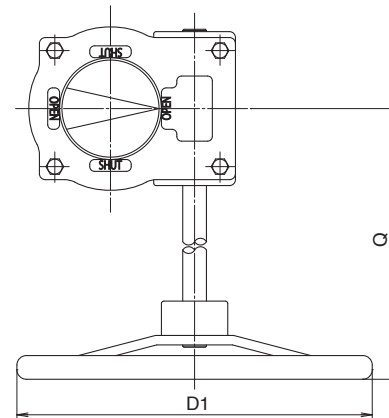
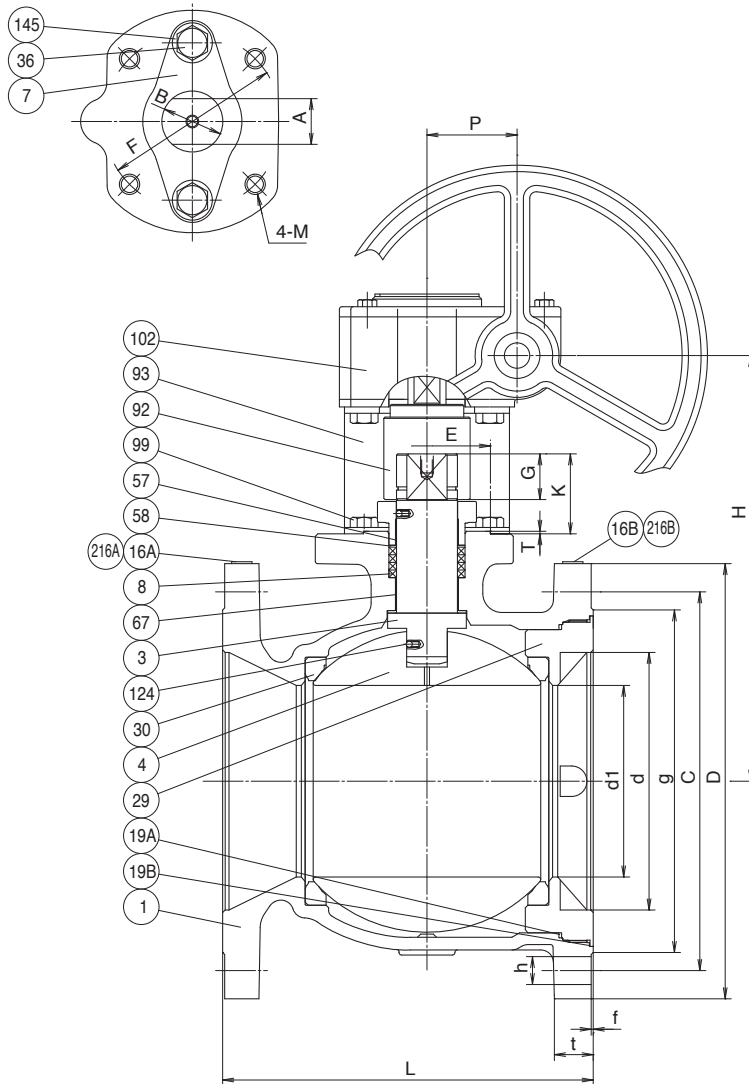
Nominal Size		End Flange												Mounting Dimensions for Actuator										
in.	mm	d	d1	H	D1	L	D	Bolt Hole			Bolt Size	g	t	f	A	B	E	F	G	K	T	M	ISO 5211 Flange Type	
1/2	15	0.49	0.39	3.62	5.12	4.25	3.50	2.38	4	0.62	1/2	1.38	0.44	0.06	0.276	0.394	0.985	1.417	0.33	0.71	0.04	M5	F03(1)	
3/4	20	0.75	0.49	3.74	5.12	4.62	3.88	2.75	4	0.62	1/2	1.69	0.44	0.06	0.276	0.394	0.985	1.417	0.33	0.71	0.04	M5	F03(1)	
1	25	0.98	0.69	4.33	5.12	5.00	4.25	3.12	4	0.62	1/2	2.00	0.44	0.06	0.355	0.473	0.985	1.417	0.35	0.87	0.04	M5	F03	
1 1/2	40	1.50	1.18	5.00	6.30	6.5	5.00	3.88	4	0.62	1/2	2.88	0.56	0.06	0.552	0.709	1.378	1.969	0.55	1.18	0.06	M6	F05	
2	50	2.00	1.50	5.28	9.06	7.0	6.00	4.75	4	0.75	5/8	3.62	0.62	0.06	0.670	0.867	2.166	2.756	0.67	1.34	0.06	M8	F07	
3	80	3.00	2.99	6.81	15.75	8.0	7.50	6.00	4	0.75	5/8	5.00	0.75	0.06	0.867	1.103	2.756	4.016	0.87	1.77	0.08	M10	F10	
4	100	4.00	3.00	7.44	15.75	9.0	9.00	7.50	8	0.75	5/8	6.19	0.94	0.06	0.867	1.103	2.756	4.016	0.87	1.77	0.08	M10	F10	
6	150	6.00	3.94	8.82	18.11	10.5	11.00	9.50	8	0.88	3/4	8.50	1.00	0.06	1.063	1.418	3.347	4.921	1.06	2.05	0.08	M12	F12	
8	200	8.00	5.94	12.40	39.37	11.5	13.50	11.75	8	0.88	3/4	10.62	1.12	0.06	1.418	1.890	3.937	5.512	1.42	2.48	0.08	M16	F14	
10	250	10.00	7.36	15.43	59.06	13.0	16.00	14.25	12	1.00	7/8	12.75	1.16	0.06	1.811	2.367	5.118	6.496	1.81	3.11	0.08	M20	F16	

G-150UTAZM

G-150UTAZM-FS

MATERIAL LIST

No.	Name of Parts	Materials
1	BODY	A351 Gr. CF8M
3	STEM	A276 TYPE 316
4	BALL	A351 Gr. CF8M
7	GLAND	A351 Gr. CF8
8	GLAND PACKING	G-150UTAZM
		PTFE
		G-150UTAZM-FS
		FLEXIBLE GRAPHITE
16A	NAME PLATE	STAINLESS STEEL
16B	LEV PLATE	STAINLESS STEEL
19A	GASKET	PTFE
19B	GASKET	G-150UTAZM-FS
29	INSERT	FLEXIBLE GRAPHITE
30	BALL SEAT	A351 Gr. CF8M
36	GLAND BOLT	HYPATITE® PTFE
57	GLAND BUSHING	STAINLESS STEEL
58	GLAND WASHER	G/F PTFE
60	KEY	A276 TYPE 304
67	STEM BEARING	CARBON STEEL
92	CONNECTOR	G/F PTFE
93	BRACKET	CARBON STEEL
99	BOLT	CARBON STEEL
102	GEAR UNIT	CARBON STEEL
124	SPRING & PIN	A313 & A276 TYPE 316
145	CONED DISC SPRING	INCONEL® 718 or EQUIVALENT
216A	CE PLATE	STAINLESS STEEL
216B	ATEX PLATE	STAINLESS STEEL



SIZE 10 ONLY

DIMENSIONS

Nominal Size		d	d1	H	D1	L	End Flange							Mounting Dimensions for Actuator												ISO 5211 Flange Type
							D	Bolt Hole			Bolt Size	g	t	f	P	Q	A	B	E	F	G	K	T	M		
								C	No.	h																
in.	mm																									
10	250	10.00	7.36	15.75	15.75	13.0	16.00	14.25	12	1.00	7/8	12.75	1.19	0.06	3.39	13.27	1.811	2.362	5.118	6.496	1.81	3.11	0.08	M20	F16	