



ACTUATION FORCE ON GATE VALVE AND SLUICE GATE

The table below indicates the maximum actuation force required to open the following valves: RVL, SVL, and SPS-TL

DN	1 MVS	1,5 MVS	2 MVS	2,5 MVS	3 MVS	3,5 MVS	4 MVS	4,5 MVS	5 MVS
110	23	24	26	27	29	30	32	33	35
125	25	27	29	31	33	35	37	39	40
160	31	34	37	40	44	47	50	53	56
200	39	43	48	53	58	63	68	73	77
250	49	56	64	72	79	87	94	102	110
315	64	76	88	100	112	124	137	149	161
400	69	88	108	127	147	166	186	205	224
500	91	121	152	182	212	243	273	304	334
630	126	175	223	271	319	368	416	464	512

Table 1: Actuation force above is given in KG. The column pressure is measured from the bottom of the outlet pipe.

The above table is for guidance only.