

**HP SERIES BUTTERFLY VALVE CLASS 150/300
ACTUATOR SIZING**

12/22

PRESSURE DROP ACROSS CLOSED VALVE IN PSI								
SIZE INCHES	ACTUATOR TYPE	100	200	285	400	500	600	740
2 1/2	AIR DOUBLE ACTING	MC34	MC34	MC34	MC75	MC75	MC75	MC75
	AIR SPRING RETURN	MC105S5	MC105S5	MC105S5	MC157S5	MC157S5	MC237S5	MC237S5
	ELECTRIC	AQ10	AQ10	AQ10	AQ10	AQ10	AQ10	AQ10
	VALVE TORQUE " LBS	133	276	336	475	552	607	706
3	AIR DOUBLE ACTING	MC75	MC75	MC75	MC75	MC105	MC105	MC105
	AIR SPRING RETURN	MC75S5	MC105S5	MC157S5	MC237S5	MC237S5	MC331S5	MC331S5
	ELECTRIC	AQ10	AQ10	AQ10	AQ10	AQ10	AQ10	AQ10
	VALVE TORQUE " LBS	167	345	420	593	690	759	883
4	AIR DOUBLE ACTING	MC105	MC105	MC105	MC237	MC237	MC237	MC237
	AIR SPRING RETURN	MC331S5	MC331S5	MC331S5	MC633S5	MC633S5	MC633S5	MC633S5
	ELECTRIC	AQ10	AQ10	AQ15	AQ15	AQ15	AQ25	AQ25
	VALVE TORQUE " LBS	483	828	923	1150	1449	1610	1863
5	AIR DOUBLE ACTING	MC157	MC157	MC157	MC237	MC237	MC237	MC331
	AIR SPRING RETURN	MC331S5	MC331S5	MC331S5	MC633S5	MC633S5	MC633S5	MC633S5
	ELECTRIC	AQ15	AQ15	AQ15	AQ25	AQ25	AQ25	AQ25
	VALVE TORQUE " LBS	665	1018	1152	1564	1760	1932	2254
6	AIR DOUBLE ACTING	MC157	MC157	MC157	MC331	MC331	MC331	MC331
	AIR SPRING RETURN	MC633S5	MC633S5	MC633S5	MC1009S5	MC1009S5	MC1009S5	MC1009S5
	ELECTRIC	AQ15	AQ15	AQ15	AQ25	AQ25	AQ25	AQ25
	VALVE TORQUE " LBS	845	1208	1380	1978	2070	2254	2645
8	AIR DOUBLE ACTING	MC237	MC237	MC331	MC406	MC406	MC633	MC633
	AIR SPRING RETURN	MC633S5	MC633S5	MC633S5	MC1260S5	MC1260S5	MC1260S5	MC1260S5
	ELECTRIC	AQ25	AQ25	AQ25	AQ50	AQ50	AQ50	AQ50
	VALVE TORQUE " LBS	1380	1794	2260	2967	3519	4002	4761
10	AIR DOUBLE ACTING	MC406	MC406	NC406	MC406	MC1009	MC1009	MC1009
	AIR SPRING RETURN	MC1009S5	MC1009S5	MC1260S5	MC1260S5	MC1831S5	MC2928S5	MC2928S5
	ELECTRIC	AQ50	AQ50	AQ50	AQ50	AQ100	AQ100	AQ100
	VALVE TORQUE " LBS	1863	3036	3812	4071	6003	7245	7590
12	AIR DOUBLE ACTING	MC633	MC633	MC1009	MC1009	MC1009	MC1009	MC1260
	AIR SPRING RETURN	MC1009S5	MC1831S5	MC2928S5	MC2928S5	MC2928S5	MC2928S5	CF
	ELECTRIC	AQ50	AQ100	AQ100	AQ100	AQ100	CF	CF
	VALVE TORQUE " LBS	3312	5635	7107	7935	8625	9315	10695
14	AIR DOUBLE ACTING	MC633	MC1009	MC1009	MC1260	MC1831	MC1831	MC2928
	AIR SPRING RETURN	MC1831S5	MC1831S5	MC2928S5	MC2928S5	CF	CF	CF
	ELECTRIC	AQ100	AQ100	CF	CF	CF	CF	CF
	VALVE TORQUE " LBS	4773	6785	9039	11696	14019	16319	19550
16	AIR DOUBLE ACTING	MC1831	MC1831	MC1831	MC2928	MC2928	MC2928	CF
	AIR SPRING RETURN	MC2928S5	MC2928S5	CF	CF	CF	CF	CF
	ELECTRIC	CF	CF	CF	CF	CF	CF	CF
	VALVE TORQUE " LBS	5026	7349	14766	19435	23495	27554	33235
18	AIR DOUBLE ACTING	MC1831	MC1831	MC1831	MC236	CF	CF	C.F.
	AIR SPRING RETURN	CF	CF	CF	CF	CF	CF	CF
	ELECTRIC	CF	CF	CF	CF	CF	CF	CF
	VALVE TORQUE " LBS	8614	14088	15916	23345	28290	33235	40135
20	AIR DOUBLE ACTING	MC1831	MC2928	NC2928	CF	CF	CF	CF
	AIR SPRING RETURN	CF	CF	CF	CF	CF	CF	CF
	ELECTRIC	CF	CF	CF	CF	CF	CF	CF
	VALVE TORQUE " LBS	12995	19090	24610	32775	39790	46805	56695
24	AIR DOUBLE ACTING	MC2928	MC2928	CF	CF	CF	CF	CF
	AIR SPRING RETURN	CF	CF	CF	CF	CF	CF	CF
	ELECTRIC	CF	CF	CF	CF	CF	CF	CF
	VALVE TORQUE " LBS	20700	29325	37605	50025	60950	71875	8705