

- VALVE NOTES:**
- ANSI CLASS 150 OR 300
  - MOUNTING PAD FOR ACTUATION (WITH KIT)
  - BLOW OUT PROOF SHAFT W/SELF LUBRICATING BEARINGS AND PTFE V-RINGS
  - ACCESSIBLE PACKING GLAND
  - LOWER SEALED SHAFT PACKING
  - LEAK TESTED PER MSS-SP61
  - TAGGED PER MSS-SP25, API 609B
  - TESTED PER API 598


- MATERIALS:**
- STEM: 17-4PH
  - DISC: ASTM A351 CF8M
  - SEAT: RPTFE
  - BODY: ASTM A351 CF8M

- GENERAL OPTIONS:**  
SEAT: (HB\*)
- P = PTFE
  - R = RTFE
  - S = 316SS
  - I = INCONEL
  - SP = 316SS + PTFE
  - SR = STAINLESS STEEL + RTFE

**OPERATOR: (-\*)**  
H = HANDLE  
G = GEAR OPERATOR  
(OMIT FOR BARE STEM)

PLEASE REFER TO CATALOG FOR THE FULL RANGE OF OPTIONS AVAILABLE

HIGH PERFORMANCE BUTTERFLY - 150 CLASS LUG											
PART #	A	B	C	D	E	F	G	H	I	TORQUE (IN LBS) SOFT SEAT	TORQUE (IN LBS) METAL SEAT
HB*L150-*2	3.31	4.84	1.38	0.43	2.76	1.69	1.93	5/8-11 X 4	4.75	270	496
HB*L150-*2.5	3.66	5.67	1.38	0.43	2.76	1.81	2.44	5/8-11 X 4	5.50	400	735
HB*L150-*3	4.03	6.06	1.38	0.43	2.76	1.89	2.87	5/8-11 X 4	6.00	525	927
HB*L150-*4	4.57	6.85	1.38	0.43	2.76	2.13	3.74	5/8-11 X 8	7.50	720	1193
HB*L150-*5	5.67	7.36	1.38	0.55	2.76	2.20	4.72	3/4-10 X 8	8.50	1250	2067
HB*L150-*6	5.98	8.66	1.38	0.67	2.76	2.24	5.55	3/4-10 X 8	9.50	1535	2262
HB*L150-*8	6.97	10.04	1.97	0.87	4.02	2.52	7.64	3/4-10 X 8	11.75	2270	3417
HB*L150-*10	8.98	11.14	1.97	0.87	4.92	2.83	9.41	7/8-9 X 12	14.25	3700	5549
HB*L150-*12	10.20	12.76	1.97	1.06	4.92	3.19	11.30	7/8-9 X 12	17.00	5635	8375
HB*L150-*14	12.05	14.57	1.97	1.06	4.92	3.62	13.03	1.0-8 X 12	18.75	9100	13813
HB*L150-*16	13.35	16.54	2.17	1.41	5.51	4.02	15.08	1.0-8 X 16	21.25	12775	21523
HB*L150-*18	14.29	17.52	3.15	0.63/0.39 KEY	6.50	4.49	17.09	1 1/8-8 X 20	22.75	17350	25062
HB*L150-*20	16.46	19.29	3.15	0.63/0.39 KEY	6.50	5.00	18.98	1 1/8-8 X 20	25.00	24000	37028
HB*L150-*24	18.43	21.85	4.33	0.79/0.47 KEY	10.00	6.06	22.83	1 1/4-8 X 20	29.50	31340	47009



**DRAWING NAME:**  
MANUAL HIGH-PERFORMANCE  
ANSI CLASS 150 LUG BUTTERFLY VALVES

<b>MATERIAL:</b>	<b>A</b>	<b>DRAWING NUMBER:</b> HBCL & HBSL-SERIES	<b>REV.</b> <b>3</b>
<b>SCALE:</b> N.T.S.	<b>NAME:</b> MCH	<b>DATE:</b> 9-22-21	