



- 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

(BOLT CIRCLE)

**HIGH PERFORMANCE BUTTERFLY - 300 CLASS LUG**

PART #	A	B	C	D	E	F	G	H	I	TORQUE (IN LBS) SOFT SEAT	TORQUE (IN LBS) METAL SEAT
HB*L300-*2	3.39	4.84	1.38	0.43	2.76	1.69	1.93	5/8-11 X 8	5.00	478	784
HB*L300-*2.5	3.86	5.67	1.38	0.43	2.76	1.81	2.44	3/4-10 X 8	5.88	610	1025
HB*L300-*3	4.13	6.06	1.38	0.43	2.76	1.89	2.87	3/4-10 X 8	6.62	685	1160
HB*L300-*4	4.72	6.85	1.38	0.43	2.76	2.13	3.74	3/4-10 X 8	7.87	1180	2007
HB*L300-*5	5.67	7.36	1.38	0.55	2.76	2.20	4.72	3/4-10 X 8	9.25	1800	2725
HB*L300-*6	6.89	9.06	1.38	0.67	2.76	2.32	5.55	3/4-10 X 12	10.62	1965	2999
HB*L300-*8	7.83	10.63	1.97	0.87	4.92	2.87	7.64	7/8-9 X 12	13.0	3538	5511
HB*L300-*10	9.61	12.28	1.97	1.06	4.92	3.27	9.41	1.0-8 X 16	15.25	5892	8489
HB*L300-*12	10.83	14.29	1.97	1.41	5.51	3.62	11.30	1 1/8-8 X 16	17.75	8627	17856
HB*L300-*14	12.72	15.55	2.17	0.63/0.39 KEY	6.50	4.61	13.03	1 1/8-8 X 20	20.25	15925	24119
HB*L300-*16	13.86	17.32	3.15	0.63/0.39 KEY	6.50	5.24	15.08	1.25-8 X 20	22.50	22356	35566
HB*L300-*18	15.31	19.09	3.15	0.79/0.47 KEY	6.50	5.87	17.09	1 1/8-8 X 24	24.75	29904	52874
HB*L300-*20	16.46	21.26	3.15	0.79/0.47 KEY	10.00	6.26	18.98	1 1/8-8 X 24	27.00	42152	79336
HB*L300-*24	CF	CF	4.33	0.98/0.55 KEY	10.00	7.13	22.83	1 1/4-8 X 24	32.00	54845	98970



DRAWING NAME: <b>MANUAL HIGH-PERFORMANCE ANSI CLASS 300 LUG BUTTERFLY VALVES</b>			
MATERIAL:	<b>A</b>	DRAWING NUMBER: HBCL & HBSL-SERIES	REV. <b>3</b>
SCALE: N.T.S.	NAME: MCH	DATE: 9-22-21	