

TORQUE VALUE OF BUTTER FLY
VALVE, MODEL - 81

REF.NO.	BFTS0018	01	REV.NO.
DATE	25 JAN 2008		
SHEET	01	OF	01



PTFE SEAL RING ONLY.

VALVE RATING - PN6 (Max $\Delta P = 6$ bar)

TORQUE VALUES IN 'Nm' (WITHOUT FACTOR OF SAFETY)

VALVE SIZE	TORQUE VALUE
80	15
100	28
125	56
150	81
200	171
250	320
300	509

NOTES:

1) FOR WET SERVICE ACTUATOR TORQUE SHOULD BE.

- a) 25% MORE THAN ABOVE - MANUALLY AND PNEUMATIC OPERATED VALVES.
- b) 35% MORE THAN ABOVE - MANUAL OVERRIDE + PNEUMATIC OPERATED VALVES.
- c) 50% MORE THAN ABOVE - ELECTRICAL ACTUATOR OPERATED VALVES.

2) FOR DRY SERVICE ACTUATOR OUT PUT TORQUE SHOULD BE.

- a) 50% MORE THAN ABOVE - MANUALLY AND PNEUMATIC OPERATED VALVES.
- b) 60% MORE THAN ABOVE - MANUAL OVERRIDE + PNEUMATIC OPERATED VALVES.
- c) 100% MORE THAN ABOVE - ELECTRICAL ACTUATOR OPERATED VALVES.

PREPARED BY :

APPROVED BY :