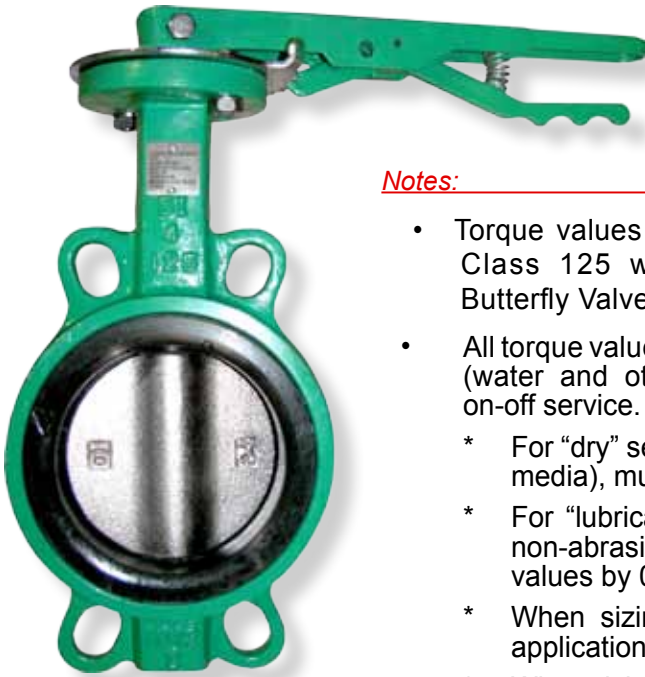


Valve Seating Torques and Technical Information



Notes:

- Torque values are only available for ASME Class 125 working pressure designed Butterfly Valves for sizes from 2" to 24".
- All torque values shown on chart are for “wet” (water and other non-lubricating medium) on-off service.
 - * For “dry” service (non-lubricating, dry gas media), multiply values by 1.6.
 - * For “lubricating medium” service (clean, non-abrasive lubricating media), multiply values by 0.85.
 - * When sizing actuators for single Valve applications, multiply values by 1.25.
 - * When sizing for 3-way (“tee”) applications, multiply values by 1.5.
- Under certain conditions, hydrodynamic torque can meet or exceed seating and unseating torques. When designing valve systems, hydrodynamic torque must be considered to help ensure correct selection of application.
- Manufacturer reserves the right to modify dimensions, materials, or design. Consult factory for certification.

Torque Values (Inch-Pounds)				
Size (inches)	Differential Pressure			
	125 psi	150 psi	200 psi	250 psi
2	100	106	111	117
2 1/2	150	163	176	189
3	207	220	322	244
4	290	323	357	390
5	423	481	540	598
6	599	691	783	875
8	1,060	1,183	1,307	1,430
10	1,671	1,872	2,074	2,275
12	2,568	2,795	3,023	3,250
14	2,640	3,070	-	-
16	4,260	4,880	-	-
18	6,287	7,243	-	-
20	8,360	9,180	-	-
24	15,427	16,813	-	-



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