

**BUTTERFLY VALVE 85F  
WORM GEAR ACTUATOR  
SELECTION CHART (AWWA)**

REF.NO.	BFTS0039	02 REV.NO.
DATE	06 OCT 2008	
SHEET	01	OF 01



**MANUAL OPERATION ONLY**

**A) VALVE RATINGS & SIZES**

RATING	SIZES
CLASS150,CLASS250	80 TO 1050
CLASS75,CLASS25	1200,1350,1500

**B) VALVE ACTUATOR SELECTION CHART**

VALVE SIZE	RATING	GEAR BOX		DRIVE BORE (H8)	MOUNTING BASE (ISO : 5211)	KEYWAY QTY.
		MODEL QT	MODEL PAC			
80	CLASS150	QT35	PAC-0A	φ13	F7	1
	CLASS250	QT35	PAC-0A		F7	1
100	CLASS150	QT35	PAC-0A	φ16	F7	1
	CLASS250	QT35	PAC-0A		F7	1
150	CLASS150	QT35	PAC-0A	φ24	F7	1
	CLASS250	QT35	PAC-0A		F7	1
200	CLASS150	QT35	PAC-02	φ26	F10	1
	CLASS250	QT50	PAC-02		F10	1
250	CLASS150	QT35	PAC-02	φ30	F10	1
	CLASS250	QT100	PAC-02		F10	1
300	CLASS150	QT100	PAC-02	φ38	F12	1
	CLASS250	QT100	PAC-02A		F12	1
350	CLASS150	QT100	PAC-02	φ40	F12	1
	CLASS250	QT150	PAC-02A		F12	1
400	CLASS150	QT150	PAC-02A	φ45	F12	2
	CLASS250	QT225	PAC-03A		F14	2
450	CLASS150	QT225	PAC-03	φ55	F14	2
	CLASS250	QT330SG	PAC-04		F14	2
500	CLASS150	QT330SG	PAC-03	φ60	F14	2
	CLASS250	QT500SG	PAC-04A		F16	2
600	CLASS150	QT500SG	PAC-04A	φ70	F16	2
	CLASS250	QT700SG	PAC-05ASG		F16	2
750	CLASS150	PAC06SG	PAC06SG	φ90	F25	2
	CLASS250	PAC07SG	PAC07SG		F25	2
900	CLASS150	PAC07ASG	PAC07ASG	φ110	F30	2
1050	CLASS150	PAC08SG	PAC08SG	φ110	F35	2
1200	CLASS75	PAC07SG	PAC07SG	φ100	F30	2
	CLASS25	PAC06SG	PAC06SG		F25	2
1350	CLASS75	PAC08SG	PAC08SG	φ130	F35	2
	CLASS25	PAC06ASG	PAC06ASG	φ110	F25	2
1500	CLASS75	PAC08SG	PAC08SG	φ140	F35	2
	CLASS25	PAC07SG	PAC07SG	φ120	F30	2

NOTE: ABOVE ACTUATORS ARE ONLY FOR WET SERVICE, FOR DRY SERVICE REF. TORQUE VALUES CHART.

PREPARED BY :

APPROVED BY :