

Certificate of Compliance
AWWA Standard for Rubber-Seated Butterfly Valves C504-10
AWWA Standard for Resilient-Seated Cast Iron Eccentric Plug Valves C517-09
Manual Valve Actuators – Summary Sheet

Actuator Type:	IW5
Max Rated Torque:	4920 lbft
Ratios:	120:1, 80:1 and 40:1
Max handwheel size:	36 inches
Test Report Reference:	T715, T729
Design File Reference:	AWWA C504-10 and C517-09, IW5 120:1
Date of issue:	19 th October 2011
Actuator Type:	IW6
Max Rated Torque:	8895 lbft
Ratios:	210:1 and below
Max handwheel size:	36 inches, 210:1; 48 inches, 140:1 and below
Test Report Reference:	T672, T709
Design File Reference:	AWWA C504-10 and C517-09, IW6 210:1
Date of issue:	19 th October 2011
Actuator Type:	IW72
Max Rated Torque:	19177 lbft
Ratios:	360:1 and below
Max handwheel size:	36 inches, 360:1; 48 inches 240:1 and below
Test Report Reference:	T1106, T1107 and T1162
Design File Reference:	AWWA C504-10 and C517-09, IW72 360:1
Date of issue:	19 th October 2011
Actuator Type:	IW85
Max Rated Torque:	35477 lbft
Ratios:	720:1 and below
Max handwheel size:	36 inches, 720:1 and 540:1; 48 inches 480:1 and below
Test Report Reference:	T1051, T1100 and T1223
Design File Reference:	AWWA C504-10 and C517-09, IW8 720:1
Date of issue:	19 th October 2011
Actuator Type:	IW9
Max Rated Torque:	50081 lbft
Ratios:	960:1 and below
Max handwheel size:	36 inches, 960:1; 48 inches 720:1 and below
Test Report Reference:	T1092, T1093 and T1113
Design File Reference:	AWWA C504-10 and C517-09, IW9 960:1
Date of issue:	19 th October 2011
Actuator Type:	IW10
Max Rated Torque:	62399 lbft
Ratios:	1080:1 and below
Max handwheel size:	36 inches, 1080:1 and 960:1; 48 inches, 720:1 and below
Test Report Reference:	T672 and T727
Design File Reference:	AWWA C504-10 and C517-09, IW10 1080:1
Date of issue:	19 th October 2011
Actuator Type:	IW11
Max Rated Torque:	103998 lbft
Ratios:	1080:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T672 and T779
Design File Reference:	AWWA C504-10 and C517-09, IW11 1080:1
Date of issue:	19 th October 2011
Actuator Type:	IW12
Max Rated Torque:	132763 lbft
Ratios:	2400:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T672 and T778
Design File Reference:	AWWA C504-10 and C517-09, IW12 1800:1
Date of issue:	19 th October 2011

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AWWA Standard for Rubber-Seated Butterfly Valves C504-10
AWWA Standard for Resilient-Seated Cast Iron Eccentric Plug Valves C517-09
Manual Valve Actuators - Summary Sheet for Additional 450 lbft Overload Capacity

Actuator Type:	IW5
Max Rated Torque:	4920 lbft
Ratios:	80:1 and 40:1
Max handwheel size:	48 inches
Test Report Reference:	T715, T729 and T776
Design File Reference:	AWWA C504-10 & C517-09, IW5 120:1
Date of issue:	19 th October 2011
Actuator Type:	IW6
Max Rated Torque:	8895 lbft
Ratios:	140:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T672, T709 and T774
Design File Reference:	AWWA C504-10 & C517-09, IW6 210:1
Date of issue:	19 th October 2011
Actuator Type:	IW72
Max Rated Torque:	19177 lbft
Ratios:	240:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T1107, T1162 and T765
Design File Reference:	AWWA C504-10 & C517-09, IW72 360:1
Date of issue:	19 th October 2011
Actuator Type:	IW85
Max Rated Torque:	35477 lbft
Ratios:	480:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T1051, T1100 and T754
Design File Reference:	AWWA C504-10 & C517-09, IW8 720:1
Date of issue:	19 th October 2011
Actuator Type:	IW9
Max Rated Torque:	46836 lbft
Ratios:	540:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T1092, T1093 and T1262
Design File Reference:	AWWA C504-10 & C517-09, IW9 960:1
Date of issue:	19 th October 2011
Actuator Type:	IW10
Max Rated Torque:	62399 lbft
Ratios:	720:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T672, T727 and T770
Design File Reference:	AWWA C504-10 & C517-09, IW10 1080:1
Date of issue:	19 th October 2011
Actuator Type:	IW11
Max Rated Torque:	103998 lbft
Ratios:	1080:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T672 and T779
Design File Reference:	AWWA C504-10 & C517-09, IW11 1080:1
Date of issue:	19 th October 2011
Actuator Type:	IW12
Max Rated Torque:	132763 lbft
Ratios:	2400:1 and below
Max handwheel size:	48 inches
Test Report Reference:	T672 and T778
Design File Reference:	AWWA C504-10 & C517-09, IW12 1800:1
Date of issue:	19 th October 2011