



Shipping Weights & Skid Quantities

Table of Contents

RESILIENT WEDGE VALVES SHIPPING WEIGHTS – ALL WEIGHTS IN POUNDS.....	2
FIRE HYDRANTS SHIPPING WEIGHTS – ALL WEIGHTS IN POUNDS.....	3
AWWA BUTTERFLY VALVES – ALL WEIGHTS IN POUNDS.....	4
AWWA SWING CHECK VALVES & MUD VALVES – ALL WEIGHTS IN POUNDS.....	4
McAVITY POST INDICATORS – ALL WEIGHTS IN POUNDS	5
POST INDICATOR VALVES – ALL WEIGHTS IN POUNDS.....	5
DUAL WEDGE TUFFGRIP SHIPPING WEIGHT – ALL WEIGHT IN POUNDS	6
HARNEST STYLE RESTRAINERS SS or STD HARDWARE– ALL WEIGHT IN POUNDS.....	7

RESILIENT WEDGE VALVES SHIPPING WEIGHTS – ALL WEIGHTS IN POUNDS

	MJ x MJ F6100	FLG x MJ F6106	PO x PO F6112	FLG x PO F6113	MJ x TAP F6114	PO x TAP F6115
4"	87	86	87	88	89	88
6"	136	140	135	138	142	138
8"	206	210	211	214	214	214
10"	352	358	355	360	378	360
12"	480	436	496	505	523	505
14"	625	750	605	-	-	-
16"	675	580	700	-	-	-
18"	1325	1400	-	-	-	-
20"	1425	1450	-	-	-	-
24"	1970	1800	-	-	-	-
30"	5330	5400	-	-	-	-
36"	6330	-	-	-	-	-

	Oversize F6111	FLG x FLG F6102	FLG x FLG F6102	PO x PVC F6110	Threaded F6103	OS&Y F-8068
2"		39	43	37	33	39
2 1/2"		51	56	47	44	55
3"		62	68	57	50	67
4"	71	87	93	85	-	87
6"	114	134	143	220	-	138
8"	178	212	224	220	-	214
10"	312	369	388	-	-	360
12"	438	523	542	-	-	505
14"	-	665	690	-	-	-
16"	-	720	745	-	-	-
18"	-	1350	1375	-	-	-
20"	-	1425	1450	-	-	-
24"	-	1940	1965	-	-	-
30"	-	5275	5300	-	-	-
36"	-	7220	7245	-	-	-

Valves per Skids				
DIAMETER	MJ	PO	MJ x FLG	TAPPING
4"	50	40	40/50	440/50
6"	32	24	32	32
8"	15/20	15	15/20	15/20
10"	8	8	8	8
12"	6	6	6	6

All 18" diameter + valves are equipped with either a bevel (horizontal installation) or spur (vertical installation) gear operator.

All 14" diameter + valves are reduced wall thickness Ductile Iron & meet or exceed the requirements of AWWA C515.

FIRE HYDRANTS SHIPPING WEIGHTS – ALL WEIGHTS IN POUNDS

CLOW	McAVITY	CONCORD	BIBBY
TRENCH DEPTH	OVERALL LENGTH	2H w / Pumper	2H w / Storz
1.07m / 3'6"	75"	430	430
1.22m / 4'0"	81"	450	450
1.37m / 4'6"	87"	470	470
1.52m / 5'0"	93"	490	490
1.68m / 5'6"	99"	510	510
1.83m / 6'0"	105"	530	530
1.98m / 6'6"	111"	550	550
2.13m / 7'0"	117"	570	570
2.29m / 7'6"	123"	590	590
2.43m / 8'0"	129"	610	610
2.59m / 8'6"	135"	640	640
2.74m / 9'0"	141"	680	680
2.90m / 9'6"	147"	700	700
3.10m / 10'0"	153"	720	720

AWWA BUTTERFLY VALVES – ALL WEIGHTS IN POUNDS

	FLG	MJ	WAFER	HANDWHEEL WEIGHT
3"	75	82	60	12
4"	75	82	60	12
6"	95	101	70	15
8"	141	150	100	19
10"	232	243	150	29
12"	300	311	190	29
14"	485	511	405	29
16"	570	597	465	29
18"	736	763	595	29
20"	860	886	-	29
24"	1168	1193	-	35
30"	1795	2304	-	-
36"	2520	2846	-	-
42"	4413	4414	-	-

AWWA SWING CHECK VALVES & MUD VALVES – ALL WEIGHTS IN POUNDS

SWING CHECK VALVES			MUD VALVES	
	FLG	FLG L/W & L/S	FLG N.R.S.	FLG RISING
2"	35	39	45	35
2 ½"	50	54	55	55
3"	61	65	85	85
4"	119	128	130	115
6"	190	201	195	180
8"	347	370	240	225
10"	566	600	280	245
12"	774	812	-	-
14"	1080	1150	-	-
16"	1590	1630	-	-
18"	1890	1835	-	-
20"	2450	2470	-	-
24"	3310	3415	-	-

McAVITY POST INDICATORS – ALL WEIGHTS IN POUNDS

Kennedy / Clow ULC / FM 2945A Indicator Posts & Indicator Posts Valves / Standard Stock Models / Bury Depths & General Info
 Length of bury is the distance measure to the nearest half foot from the bottom of the connecting pipe to the finished grade.

2945A Bury Range B through E, Telescoping Indicator Posts (3" – 14" Valve) ULC / FM approved – 60 turns maximum

	Type B	Type C	Type D	Type E
	160 lbs / 71" long	190 lbs / 89" long	219 lbs / 107" long	265 lbs / 137" long
	Bury Range (feet / meters)	Bury Range (feet / meters)	Bury Range (feet / meters)	Bury Range (feet / meters)
3"	2'5" – 4'1" / 0.76 - 1.25	3'8" – 5'6" / 1.60 - 1.70	5'4" – 7'0" / 1.64 - 2.13	7'4" – 9'4" / 2.25 - 2.86
4"	2'7" – 4'3" / 0.79 - 1.30	4'0" – 5'8" / 1.23 - 1.73	5'6" – 7'2" / 1.68 - 2.18	7'6" – 9'6" / 2.29 - 2.90
6"	2'11" – 4'7" / 0.89 - 1.40	4'5" – 6'1" / 1.32 - 1.85	5'11" – 7'7" / 1.80 - 2.31	7'11" – 9'11" / 2.41 - 3.02
8"	3'4" – 5'0" / 1.02 - 1.52	4'10" – 6'6" / 1.47 - 1.98	6'4" – 8'0" / 1.93 - 2.44	8'4" – 10'4" / 2.54 - 3.15
10"	3'9" – 5'5" / 1.14 - 1.65	5'3" – 6'11" / 1.60 - 2.12	6'9" – 8'5" / 1.60 - 2.57	8'9" – 10'8" / 2.67 - 3.25
12"	4'1" – 5'9" / 1.24 - 1.75	5'7" – 7'3" / 1.70 - 2.21	7'1" – 8'9" / 2.16 - 2.67	9'1" – 11'1" / 2.77 - 3.38
14"	4'10" – 6'6" / 1.47 - 1.98	6'4" – 8'0" / 1.93 - 2.44	7'10" – 9'6" / 2.39 - 2.89	9'10" – 11'10" / 2.99 - 3.6

Indicator Posts Valves / AWWA C509 3" – 12" AWWA C515 14" & Larger / Ductile Iron or Cast Iron / Class 125, Flanged,
 FF ANSI B16.1 (All standard connections available) / ULC & FM Approved 3" – 16" Dia. / Epoxy Coated ULC / FM to 200 PSI WWP

POST INDICATOR VALVES – ALL WEIGHTS IN POUNDS

	PIV Cast & Ductile Iron Turns to Full	Weight
3"	10 Turns	78
4"	13.5 Turns	103
6"	19.5 Turns	150
8"	25.5 Turns	228
10"	31.5 Turns	385
12"	37.75 Turns	539
14"	52 Turns	700

Note – Weight is for flanged valves – other styles weight may be + or – 5%
 16" & larger valves use 2945A HD or HDG Indicator Posts and weight is supplied on order.

DUAL WEDGE TUFFGRIP SHIPPING WEIGHT – ALL WEIGHT IN POUNDS

Item Number	Product Name	Qty per Skid	Finish Skid weight	Single Unit weight
670610602000	DUAL WEDGE TUFGRIP 4"	150	1345	8.3
670610602005	DUAL WEDGE TUFGRIP 6"	135	1574	12.4
670610602010	DUAL WEDGE TUFGRIP 8"	90	1441	14.9
670610602015	DUAL WEDGE TUFGRIP 10"	48	1333	25.7
670610602020	DUAL WEDGE TUFGRIP 12"	48	1737	34.1
670610602025	DUAL WEDGE TUFGRIP 14"	40	1904	45.1
670610602030	DUAL WEDGE TUFGRIP 16"	40	2348	56.2
670610602035	DUAL WEDGE TUFGRIP 18"	20	1348	62.4
670610602040	DUAL WEDGE TUFGRIP 20"	10	829	72.9
670610602045	DUAL WEDGE TUFGRIP 24"	10	1032	93.2
670610602200	DUAL WEDGE TUFGRIP 4" w/acc	150	1930	12.2
670610602205	DUAL WEDGE TUFGRIP 6" w/acc	90	1747	18.3
670610602210	DUAL WEDGE TUFGRIP 8" w/acc	90	1972	20.8
670610602215	DUAL WEDGE TUFGRIP 10" w/acc	60	2104	33.4
670610602220	DUAL WEDGE TUFGRIP 12" w/acc	40	1780	42
670610602225	DUAL WEDGE TUFGRIP 14" w/acc	40	2352	56.3
670610602230	DUAL WEDGE TUFGRIP 16" w/acc	40	2884	69.6
670610602235	DUAL WEDGE TUFGRIP 18" w/acc	20	1620	76
670610602240	DUAL WEDGE TUFGRIP 20" w/acc	10	985	88.5
670610602245	DUAL WEDGE TUFGRIP 24" w/acc	10	1218	111.8

HARNEST STYLE RESTRAINERS SS or STD HARDWARE– ALL WEIGHT IN POUNDS

Item Number	Product Name	Qty per Skid	Finish Skid weight	Single Unit weight
00371300C0400E	#300-C 4" REST. W/7" T-BOLTS /EPOXY COATING	144	1396	9
00371300C0600E	#300-C 6" REST. W/7" T-BOLTS /EPOXY COATING	144	1684	11
00371300C0800E	#300-C 8" REST. W/7" T-BOLTS /EPOXY COATING	108	1936	17
00371300C1000E	#300-C 10" REST. W/7" T-BOLTS /EPOXY COATING	90	2530	27
00371300C1200E	#300-C 12" REST. W/7" T-BOLTS /EPOXY COATING	48	1540	30
00371300C1400E	#300-C 14" REST. W/7" T-BOLTS /EPOXY COATING	16	1028	58
00371300C1600E	#300-C 16" REST. W/7" T-BOLTS /EPOXY COATING	16	1300	75
00371300C1800E	#300-C 18" REST. W/7" T-BOLTS /EPOXY COATING	8	1100	125
00371300C2000E	#300-C 20" REST. W/7" T-BOLTS /EPOXY COATING	6	850	125
00371300C2400E	#300-C 24" REST. W/7" T-BOLTS /EPOXY COATING	6	958	143
00371360C0400E	#360-C 4" REST. W/7" T-BOLTS /EPOXY COATING	144	2044	13.5
00371360C0600E	#360-C 6" REST. W/7" T-BOLTS /EPOXY COATING	108	2044	18
00371360C0800E	#360-C 8" REST. W/7" T-BOLTS /EPOXY COATING	90	2800	30
00371360C1000E	#360-C 10" REST. W/7" T-BOLTS /EPOXY COATING	48	2212	44
00371360C1200E	#360-C 12" REST. W/7" T-BOLTS /EPOXY COATING	48	2692	54
00371360C1400E	#360-C 14" REST. W/7" T-BOLTS /EPOXY COATING	16	1540	90
00371360C1600E	#360-C 16" REST. W/7" T-BOLTS /EPOXY COATING	16	2276	136
00371360C1800E	#360-C 18" REST. W/7" T-BOLTS /EPOXY COATING	8	1900	225
00371360C2000E	#360-C 20" REST. W/7" T-BOLTS /EPOXY COATING	6	1450	225
00371360C2400E	#360-C 24" REST. W/7" T-BOLTS /EPOXY COATING	6	1810	285
00371390C0400E	#390-C 4" REST. W/7" T-BOLTS /EPOXY COATING	144	2692	18
00371390C0600E	#390-C 6" REST. W/7" T-BOLTS /EPOXY COATING	108	2476	22
00371390C0800E	#390-C 8" REST. W/7" T-BOLTS /EPOXY COATING	90	3160	34
00371390C1000E	#390-C 10" REST. W/7" T-BOLTS /EPOXY COATING	48	2692	54
00371390C1200E	#390-C 12" REST. W/7" T-BOLTS /EPOXY COATING	48	2980	60
00371390C1400E	#390-C 14" REST. W/7" T-BOLTS /EPOXY COATING	16	1956	116
00371390C1600E	#390-C 16" REST. W/7" T-BOLTS /EPOXY COATING	16	2420	145
00371390C2400E	#390-C 24" REST. W/7" T-BOLTS /EPOXY COATING	6	1870	295