

## Yellow Jacket® Piston Vibrators by Global - Performance Data

VIBRATOR MODEL	AIR PRESSURE												
	START UP	40 PSI (2.8 BAR)				60 PSI (4.1 BAR)				80 PSI (5.5 BAR)			
		SPEED	FLOW	FORCE	Efficiency	SPEED	FLOW	FORCE	Efficiency	SPEED	FLOW	FORCE	Efficiency
	PSI	CPM	CFM	LBS	LBS/CFM	CPM	CFM	LBS	LBS/CFM	CPM	CFM	LBS	LBS/CFM
	BAR	---	LPS	KN	KN/LPS	---	LPS	KN	KN/LPS	---	LPS	KN	KN/LPS
YJ-1.00-IM	15-20	4,800	1.4	450	321	6,000	2.0	1,000.0	500	7400	2.4	1,250	521
	---	---	0.7	2.0	3.0	---	0.9	4.4	4.7	---	1.1	5.6	4.9
YJ-1.25-IM	15-20	3,700	1.8	770	428	4,800	2.5	1,620.0	648	6000	3.1	2,400	774
	---	---	0.8	3.4	4.0	---	1.2	7.2	6.1	---	1.5	10.7	7.3
YJ-1.50-IM	15-20	3,200	1.8	1,300	722	4,100	2.6	2,700.0	1,038	4800	3.1	3,600	1,161
	---	---	0.8	5.8	6.8	---	1.2	---	0.0	---	1.5	---	0.0
YJ-2.00-IM	15-20	2,400	3.2	3,200	1,000	3,000	4.3	5,200.0	1,209	3500	5.4	7,000	1,296
	---	---	1.5	14.2	9.4	---	2.0	23.1	11.4	---	2.5	31.1	12.2
YJ-3.00-IM	See YJW-3.00-IM Wear Resistant Model Below												
YJ-1.00-AC	15-20	3,700	1.0	16	16	4,400	1.4	26.0	19	5200	2.0	40	20
	---	---	0.5	0.1	0.2	---	0.7	0.1	0.2	---	0.9	0.2	0.2
YJ-1.25-AC	15-20	3,100	1.6	21	13	3,500	2.4	31.0	13	4000	2.8	46	16
	---	---	0.8	0.1	0.1	---	1.1	0.1	0.1	---	1.3	0.2	0.2
YJ-1.50-AC	15-20	2,700	2.2	60	27	3,000	3.0	100.0	33	3300	3.6	135	38
	---	---	1.0	0.3	0.3	---	1.4	0.4	0.3	---	1.7	0.6	0.4
YJ-2.00-AC	15-20	2,000	3.4	120	35	2,200	4.6	195.0	42	2400	5.6	270	48
	---	---	1.6	0.5	0.3	---	2.2	0.9	0.4	---	2.6	1.2	0.5
YJ-3.00-AC	See YJW-3.00-AC Wear Resistant Model Below												
YJW-2.00-IM	15-20	2,400	3.2	3,200	1,000	3,000	4.3	5,200.0	1,209	3500	5.4	7,000	1,296
	---	---	1.5	14.2	9.4	---	2.0	23.1	11.4	---	2.5	31.1	12.2
YJW-3.00-IM	15-20	1,600	4.2	6,800	1,619	2,000	6.2	10,000.0	1,613	2200	8.0	13,300	1,663
	---	---	2.0	30.2	15.3	---	2.9	44.5	15.2	---	3.8	59.2	15.7
YJW-2.00-AC	15-20	2,000	3.4	120	35	2,200	4.6	195.0	42	2400	5.6	270	48
	---	---	1.6	0.5	0.3	---	2.2	0.9	0.4	---	2.6	1.2	0.5
YJW-3.00-AC	15-20	1,300	4.2	225	54	1,500	5.9	360.0	61	1700	7.4	500	68
	---	---	2.0	1.0	0.5	---	2.8	1.6	0.6	---	3.5	2.2	0.6
YJR-2.00-IM	15-20	2,400	3.2	3,200	1,000	3,000	4.3	5,200.0	1,209	3500	5.4	7,000	1,296
	---	---	1.5	14.2	9.4	---	2.0	23.1	11.4	---	2.5	31.1	12.2
YJR-3.00-AC	15-20	1,300	4.2	225	54	1,500	5.9	360.0	61	1700	7.4	500	68
	---	---	2.0	1.0	0.5	---	2.8	1.6	0.6	---	3.5	2.2	0.6
YJM-1.00-IM	15-20	4,800	1.4	450	321	6,000	2.0	1,000.0	500	7400	2.4	1,250	521
	---	---	0.7	2.0	3.0	---	0.9	4.4	4.7	---	1.1	5.6	4.9
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	---	---	0.8	3.4	4.0	---	1.2	7.2	6.1	---	1.5	10.7	7.3
YJS-1.00-IM	15-20	4,800	1.4	450	321	6,000	2.0	1,000.0	500	7400	2.4	1,250	521
	---	---	0.7	2.0	3.0	---	0.9	4.4	4.7	---	1.1	5.6	4.9

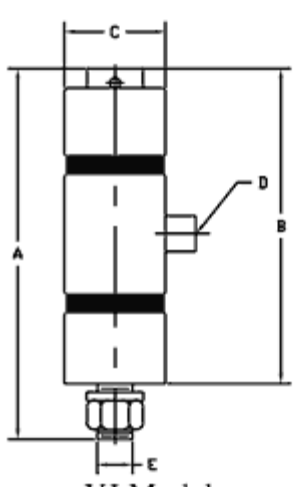
1 FORCE data exceeding 4800 LBS is estimated.

## Yellow Jacket® Piston Vibrators by Global - Dimensional Data

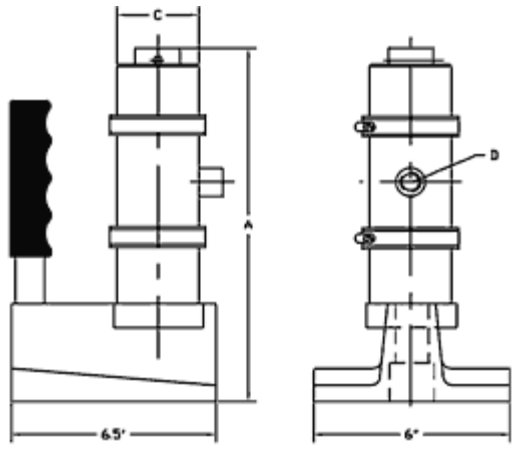
MODEL	WEIGHT	A	B	C	D	E	MOUNT STUD MAX TORQUE
		TOTAL LENGTH	HOUSING LENGTH	WIDTH	INLET	MOUNT BOLT	
	LBS	IN	IN	IN	IN	IN	FT-LBS
	KG	MM	MM	MM	NPT		N-M
YJ-1.00-AC or IM	1.25	4.75	4.00	1.38	1/8	1/2	96
	0.57	121	102	34.9	---	---	130
YJ-1.25-AC or IM	2.25	5.88	5.13	1.63	1/4	5/8	150
	1.02	149	130	41.3	---	---	200
YJ-1.50-AC or IM	3.13	7.13	5.94	1.88	1/4	5/8	150
	1.42	181	151	47.6	---	---	200
YJ-2.00-AC or IM	7.75	9.19	7.88	2.50	1/4	7/8	300
	3.52	233	200	63.5	---	---	400
YJW-3.00-AC or IM	21.50	12.88	11.94	3.50	3/8	1-1/4	500
	9.75	327	303	88.9	---	---	680
YJR-2.00-IM	22.00	10.81	---	2.50	1/4	6.5 X 6	500
	9.98	275	---	63.5	---	WEDGE BASE	680
YJR-3.00-AC	35.75	14.25	---	3.50	3/8	6.5 X 6	500
	16.22	362	---	88.9	---	WEDGE BASE	680
YJM-1.00-IM	1.45	5.53	4.00	1.38	1/8	1/2 HOLE	---
	0.66	140	102	34.9	---	MATCHPLATE BASE	---
YJM-1.25-IM	2.45	6.39	5.13	1.63	1/4	1/2 HOLE	---
	1.11	162	130	41.3	---	MATCHPLATE BASE	---
YJS-1.00-IM	1.55	5.50	---	1.38	1/8	17/32 HOLE	---
	0.70	140	---	34.9	---	SCREED BASE	---

**PRODUCT KEY:**

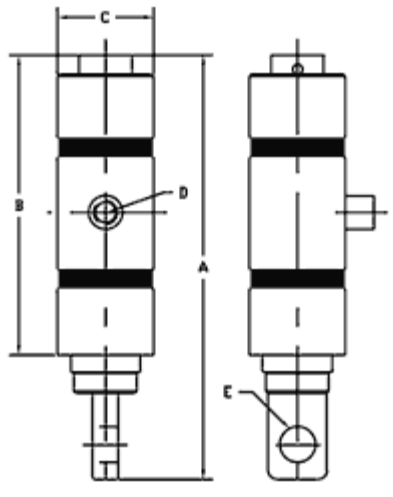
- YJ-IM** - Impact
- YJ-AC** - Air Cushioned
- YJW** - Wear-Resistant
- YJR** - Railcar
- YJM** - Matchplate
- YJS** - Screed



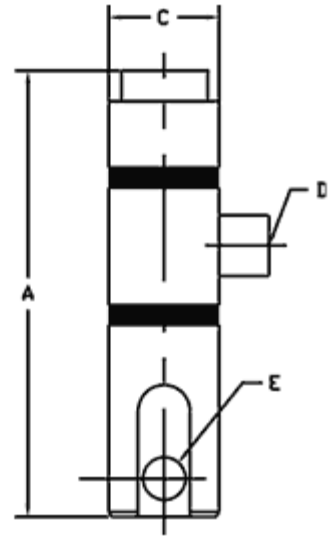
YJ Models



YJR Models



YJM Models



YJS Models

Global Yellow Jacket Piston Vibrator

**CHICAGO VIBRATOR PRODUCTS**  
**WESTMONT IL**  
**800-842-7284 US & CANADA**  
**630-920-9411 INTERNATIONAL**