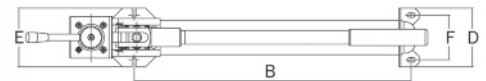
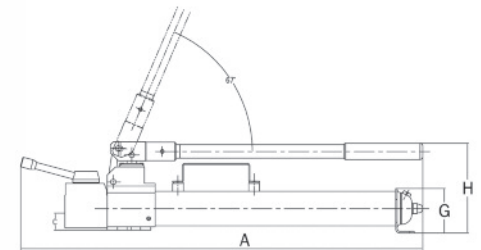


EPA-SERIES



EPA-10521

EPA-10921A



Double Acting

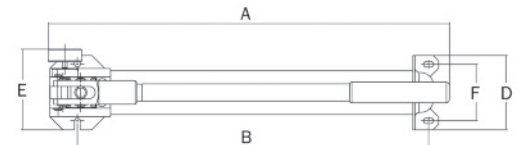
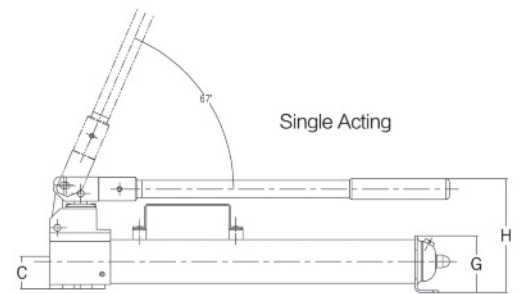
EPA-SERIES HAND PUMPS

▶ Features

- ◆ High strength alloy steel, engineered for use in extreme environment.
- ◆ Compact, easy to carry.
- ◆ User friendly design.
- ◆ Built-in safety valve.
- ◆ Used for various cylinders and tools.



EPA-11621



Single Acting

Used With Cylinder	Model	Speed	Usable Oil Volume	Pressure rating		Oil output per stroke		Handle Force	Output Oil Thread	Weight
				1 st stage	2 ^{ed} stage	1 st stage	2 ^{ed} stage			
				in ³	psi	psi	in ³			
Single Acting	EPA-10521 ★	Double	20	200	10,000	0.48	0.05	77	3/8-18NPT	4.8
	EPA-10921A	Double	55	360	10,000	2.038	0.201	108	3/8-18NPT	16.06
	EPA-12321A	Double	140	360	10,000	2.038	0.201	108	3/8-18NPT	22.22
	EPA-11621	Double	98	360	10,000	1.93	0.19	95	3/8-18NPT	24
Double Acting	EPA-10922A	Double	55	360	10,000	2.038	0.201	108	3/8-18NPT	19.36
	EPA-12322A	Double	140	360	10,000	2.038	0.201	108	3/8-18NPT	25.52

★ EPA 10521: Aluminum Hand Pump

Model	A	B	C	D	E	F	G	H
	in	in	in	in	in	in	in	in
EPA-10521	13.2	/	/	1.1	3.7	/	/	5.6
EPA-10921A	22.93	19.88	1.85	4.25	5.12	3.23	3.23	6.50
EPA-12321A	22.93	19.88	1.85	4.92	5.43	/	3.25	6.34
EPA-10922A	29.09	20.00	1.14	4.25	4.25	3.23	3.23	6.50
EPA-12322A	29.09	20.00	1.14	4.92	4.25	/	3.25	6.34
EPA-11621	28.8	19.9	1.61	5.5	4.7	3.9	3.3	6.3

Hydraulic Pump & Cylinder Sets

HYDRAULIC HAND PUMP SELECTION CHART

Model	Stage	Flow (in ³)	CAPACITY (tons)																
			5	10	15	25	30	50	75	100	150	200	250	300	400	500			
			REQUIRED STROKES FOR CYLINDER TO LIFT 1 INCH																
EPA-10521	1ST STAGE	0.22	5	10	15														
	2ND STAGE	0.05	19	42	58														
EPA-10921A	1ST STAGE	2.038	1	2	2	3													
	2ND STAGE	0.201	6	12	16	26													
EPA-10922A	1ST STAGE	2.038	1	2	2	3													
	2ND STAGE	0.201	6	12	16	26													
EPA-11621	1ST STAGE	1.93	1	1	2	3	3	6											
	2ND STAGE	0.22	6	12	16	24	34	51											
EPA-12321A	1ST STAGE	2.038	1	2	2	3	4	6	8										
	2ND STAGE	0.201	6	12	16	26	31	55	81										
EPA-12322A	1ST STAGE	2.038	1	2	2	3	3	6	8										
	2ND STAGE	0.201	6	12	16	26	34	55	81										
EPA-14521	1ST STAGE	1.59	1	1	2	3	4	8	10	13	19	26							
	2ND STAGE	0.18	6	13	18	29	38	69	90	114	174	229							
EPA-14522	1ST STAGE	1.59	1	1	2	3	4	8	10	13	19	26							
	2ND STAGE	0.18	6	13	18	29	38	69	90	114	174	229							
EPA-17521	1ST STAGE	7.63	1	1	1	1	1	2	2	3	4	5	7						
	2ND STAGE	0.35	3	7	9	15	19	35	45	58	88	116	158						
EPA-17522	1ST STAGE	7.63	1	1	1	1	1	2	2	3	4	5	7						
	2ND STAGE	0.35	3	7	9	15	19	35	45	58	88	116	158						

AIR/HYDRAULIC HAND PUMP SELECTION CHART

Model	Single Stage	Flow (in ³)	CAPACITY (tons)																
			5	10	15	25	30	50	75	100	150	200	250	300	400	500			
			REQUIRED TIME (seconds) FOR CYLINDER TO LIFT 1 INCH																
EPC-001	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50	25.60									
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00	166.00									
EPC-002	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50										
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00										
EPC-003	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50	25.60									
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00	166.00									
EPC-004	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50	25.60	38.00								
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00	166.00	252.50								
EPC-008	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50										
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00										
EPC-009	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50	25.60	38.00								
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00	166.00	252.50								
EPC-010	Low Pressure	0.81	1.30	2.90	3.90	6.40	8.30	15.00	19.50										
	High Pressure	0.12	8.70	19.00	26.30	42.50	55.00	100.00	130.00										

HYDRAULIC ELECTIC PUMP SELECTION CHART

Model	Stage	Flow (in ³ /s)	CAPACITY (tons)																
			5	10	15	25	30	50	75	100	150	200	250	300	400	500			
			REQUIRED TIME (seconds) FOR CYLINDER TO LIFT 1 INCH																
EPB-3B+	1st Stage	4.00	0.3	0.6	0.8	1.3	1.7	2.8	4.0	5.1									
	2nd Stage	0.33	3.3	6.8	9.9	15.6	20.7	33.3	48.8	62.1									
EPB-6B+	1st Stage	10.17	0.1	0.2	0.3	0.5	0.7	1.1	1.6	2.0	3.0	4.1							
	2nd Stage	0.65	1.7	3.5	5.0	7.9	10.5	16.9	24.8	31.5	47.5	63.4							
EPB-10B+	1st Stage	10.17	0.1	0.2	0.3	0.5	0.7	1.1	1.6	2.0	3.0	4.1	7.0						
	2nd Stage	1.00	1.1	2.3	3.3	5.2	6.8	11.0	16.1	20.5	30.9	41.2	70.7						
EPB-20B+	1st Stage	10.17	0.1	0.2	0.3	0.5	0.7	1.1	1.6	2.0	3.0	4.1	7.0	7.0	8.7	11.1			
	2nd Stage	2.00	0.6	1.1	1.6	2.6	3.4	5.5	8.1	10.3	15.4	20.6	35.4	35.4	44.3	56.6			

 Recommended application
 Selective use
 Not recommended