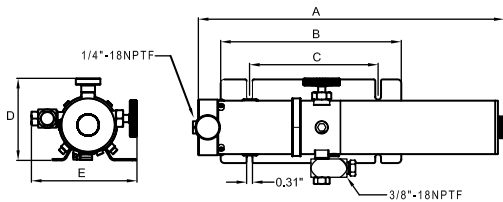


ALL POSITION AIR PUMPS

- Pump can work in any position
- Mounting plate allows for the pump to be securely fastened
- Hydraulic port swivels for easy connection



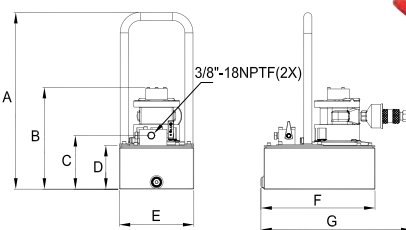
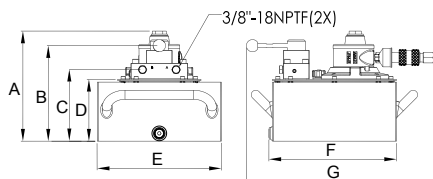
Hand Operated



Used with Cylinder	Usable Oil Capacity (in ³)	Model Number	Pressure Rating (psi)	Oil Output Flow Rate (in ³ /min)		Input Air Pressure Range (psi)	Dimensions (in)					Weight (lbs)
				No Load	Load		A	B	C	D	E	
Single Acting	36.6	PA600	10,000	61	9	110-175	16.77	9.84	7.01	6.18	5.59	14.1
		PA600H								4.49	5.75	

ROTARY AIR PUMPS

- Two speed operation for fast cylinder advance and improved productivity
- Models available with auto return valve
- Internal relief valves for overload protection



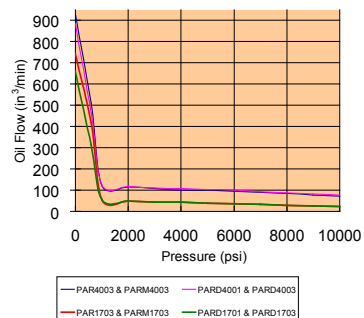
PAR4003, PARD4003

PAR1703, PARD1703

Model Number	Air Consumption (cfm)	Sound Level (dBA)	Dimensions (in)							Weight (lbs)
			A	B	C	D	E	F	G	
PARD1701	44	93	19.10	9.39	5.79	4.72	8.07	12.34	15.90	42
PARD1703	44	93	-	11.95	8.35	7.28	12.01	12.34	17.96	54
PAR1703	44	93	11.94	10.53	8.21	7.28	12.01	12.34	18.08	55
PARD4001	95	100	19.10	11	5.79	4.72	8.07	12.34	16.34	54
PARD4003	95	100	-	13.56	8.35	7.28	12.01	12.34	18.4	66
PAR4003	95	100	13.55	10.53	8.21	7.28	12.01	12.34	18.52	67
PARM1703	44	93	11.94	10.53	8.21	7.28	12.01	12.34	18.08	55
PARM4003	95	100	13.55	10.53	8.21	7.28	12.1	12.34	18.52	67

PAR1703, PARD1703

Rotary Air Pump Flow Chart



Used with Cylinder	Motor Size (hp)	Usable Oil Capacity (gal)	Model Number	Pressure Rating (psi)	Pressure Rating		Oil Output Flow Rate		Valve Type	Valve Function	Dynamic air pressure range (psi)
					1st Stage (psi)	2nd Stage (psi)	1st Stage (in ³ /min)	2nd Stage (in ³ /min)			
Single Acting	1.7	1	PARD1701	10,000	700	10,000	313	22	Dump	Advance/Return	60 ~ 80
			PARD1703								
			PAR1703								
	4	3	PARD4001				465	70	Dump	Advance/Return	60 ~ 100
			PARD4003								
			PAR4003								
Double Acting	1.7	3	PARM1703	10,000	700	10,000	417	22	Manual PW4	Advance/Hold/Return	60 ~ 80
			PARM4003								