

Martin® AP5 Series Piston Vibrators



NOTES

- The AP5 Series piston vibrator without spring must be mounted with a minimum slope of 15 degrees below horizontal.
- If mounted at less than 15 degrees below horizontal, order with starter spring by adding an S after the model number.
- The AP5 Series is also available in single impacting. Designate SI at the end of the model number.
- The starter spring is standard in the single impacting models.
- Air cushioned units are available by designating a Q at the end of the model number. This reduces noise by eliminating metal to metal impact.
- All air cushioned units are equipped with starter spring.
- All Martin AP5 Series vibrators must be operated by filtered and lubricated air.

BENEFITS

- **Economical**
Low initial cost, plus cost savings by eliminating the pounding, poking, and hammering of hoppers, ensures material flow with cost savings.
- **Minimal Maintenance**
Limited maintenance required for life of the vibrator when used with a filtered and lubricated air supply.
- **Versatility**
Variable control of force and frequency to meet a variety of material conditions.
- **Slotted Mounting Holes**
The AP5 Series can be a bolt in direct replacement for nearly all piston vibrators in the marketplace.
- **Exhaust Mufflers**
The AP5 Series comes standard with exhaust mufflers to attenuate the exhaust noise and aid in preventing dust and dirt from entering the vibrator.

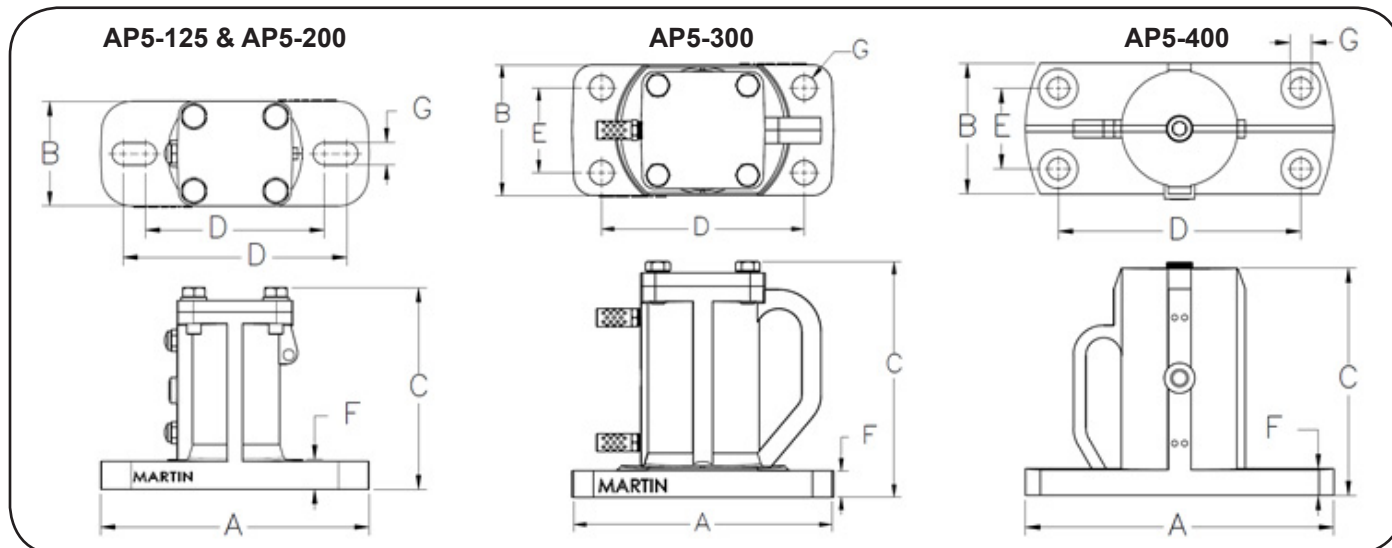
FEATURES

- Uni-Body Construction
- Hardened pistons
- Low air consumption
- Produces uniform directional force
- Optional
 - air cushioned non-impacting

Specify Martin for:

- Cost effective solutions
- Expert technical assistance
- Complete service and support

TECHNICAL DATA SHEET



OVERALL DIMENSIONS—in. (mm)

Model	A	B	C	D	E	F	GØ	No.
AP5-125	5.87 (149)	2.75 (70)	4.95 (126)	3.75–4.75 (95–121)	—	0.66 (17)	0.57 (15)	2
AP5-200	9 (229)	3.5 (89)	6.75 (172)	6.00–7.50 (152–191)	—	1 (25)	.75 (19)	2
AP5-300	10 (254)	5 (127)	9 (229)	7.75 (197)	3.25 (83)	1 (25)	.93 (24)	4
AP5-400	15.25 (387)	6.5 (165)	11.36 (289)	12 (305)	4 (102)	1.4 (36)	1.06 (27)	4

PERFORMANCE DATA

Model	Piston Size In.	40 PSI			60 PSI			MAX 80 PSI			dB	Weight lb (kg)	Inlet Size in. (mm)
		VPM	CFM (L/sec)	Force lb (kg)	VPM	CFM (L/sec)	Force lb (kg)	VPM	CFM (L/sec)	Force lb (kg)			
AP5-125	1.25	3200	10 (4.72)	104 (47)	4500	12.5 (5.90)	206 (93)	5000	15 (7.08)	255 (116)	101	5 (2.27)	1/4 (6)
AP5-125Q	1.25	2700	10 (4.72)	68 (31)	3000	12.5 (5.90)	84 (38)	3500	15 (7.08)	114 (52)	85	5 (2.27)	1/4 (6)
AP5-200	2	2640	9 (4.25)	175 (79)	3180	14 (6.61)	254 (115)	3600	18 (8.50)	325 (147)	103	18 (8.2)	1/4 (6)
AP5-200Q	2	2200	12 (5.66)	110 (50)	2600	17.5 (8.26)	155 (70)	2800	20 (9.44)	180 (82)	87	18 (8.2)	1/4 (6)
AP5-300	3	2400	22 (10.38)	899 (408)	2800	25 (11.80)	1224 (555)	3200	35 (16.52)	1699 (771)	106	43 (19.5)	3/8 (10)
AP5-300Q	3	1400	25 (11.80)	284 (129)	1800	32 (15.10)	469 (213)	2000	40 (18.88)	506 (230)	92	43 (19.5)	3/8 (10)
AP5-400	4	1500	22 (10.38)	1330 (603)	1750	25 (11.80)	2010 (912)	1900	42 (19.82)	2200 (998)	118	103 (48.08)	1/2 (13)
AP5-400Q	4	1000	20 (9.44)	590 (267)	1100	22 (10.38)	820 (372)	1150	42 (19.82)	1000 (454)	97	106 (48.08)	1/2 (13)

ACCESSORIES

Part Number	Description
See Chart	channel mount
	mounting kit
32271	safety cable assembly
36343-NC	solenoid valve 115/1/60, 1/2" npt
14760-PR	filter, regulator, lubricator combination, 1/2" npt
39504	control line kit
38902-20	on/off cycle timer 115/1/60
220985	universal trailer hopper mount bracket kit
14824-PR	ball valve 1/2 npt

Model	Channel Mount Part Number	Mounting Kit Part Number
AP5-125	29928-01	29810
AP5-200	29928-02	29811
AP5-300	29928-03	29812
AP5-400	29928-04	29813



Martin Engineering USA

One Martin Place
 Neponset, IL 61345-9766 USA
 800 544 2947 or 309 852 2384
 Fax 800 814 1553
 www.martin-eng.com

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