

# Model PX Explosion Proof Electric Vibrators



## MODEL PX - Explosion Proof

### FEATURES:

VIBCO now offers the first American made explosion proof motor vibrator in NEMA 42, 48, 56 and 182 frame sizes.

Model 2PX-200 and 4PX-350 in 42 frame and 2PX-450 and 4PX-700 in 48 frame, are supplied in 3 phase and single phase in Class 1 Group D, Div. 1 & 2.

Model 4PX-2000 in 56 frame and 4PX-5000 in 182 frame, are supplied in 3 phase, Class 2 Group F & G, Div. 1 & 2.

The eccentrics have 6 adjustable force settings for easy adjustment to match impact force to applications.

Oversized roller bearings in Models 4PX-2000 & 4PX-5000 assure extra long life. Accessible lubricator nipples make them easy to lubricate. The other models have ball bearings which are pre-lubricated for life.

VIBCO's Heavy Duty Line is classified as Class II Div. 2.

### TECHNICAL DATA

Model	Ph.	Amp.	Volt**	V.P.M.	Force (Impact) lbs./N Adjustable						dB***	Wt.	
					lbs.	Min.	N	lbs.	Norm.	N		lbs.	Max.
2PX-200	*1 3	3.4/1.7 1/5	*115/230* 230/460	3600	150	667	300	335	450	2002	60	20	9.1
2PX-450	1 3	5/2.5 1.6/8	115/230 230/460	3600	110	489	450	2002	900	4004	62	56	25.5
4PX-350	*3 *3	3.4/1.7 1/5	*115/230* *230/460	1800	100	445	200	390	300	1335	62	20	9.1
4PX-700	1 3	6/3 1.4/7	115/230 230/460	1800	300	1335	500	2225	700	3114	64	58	26.4
4PX-2000	3	3.6/1.8	230/460	1800	625	2781	1200	5340	2000	8900	72	130	59
4PX-5000	3	5.2/2.6	230/460	1800	1700	7565	4800	21360	6500	29250	75	240	109

\*Consult factory for availability. \*\* 575 Volt also available on most models. \*\*\*dB at 3' (1 meter) on A-scale.

### DIMENSIONS

Model	inch	L	mm	inch	W	mm	inch	H	mm	inch	A	mm	inch	B	mm	inch	C*	mm	inch	D	mm
2PX-200	14 <sup>7</sup> / <sub>8</sub>		378	10 <sup>1</sup> / <sub>8</sub>		257	5 <sup>1</sup> / <sub>4</sub>		133	5 <sup>1</sup> / <sub>2</sub>		140	11 <sup>3</sup> / <sub>4</sub>		298	1/2		13	4 <sup>1</sup> / <sub>2</sub>		114
2PX-450	14 <sup>1</sup> / <sub>2</sub>		368	11 <sup>1</sup> / <sub>4</sub>		286	6 <sup>7</sup> / <sub>8</sub>		156	6 <sup>5</sup> / <sub>8</sub>		168	9 <sup>5</sup> / <sub>8</sub>		244	5/8		16	5 <sup>1</sup> / <sub>2</sub>		140
4PX-350	16 <sup>7</sup> / <sub>8</sub>		429	10 <sup>1</sup> / <sub>8</sub>		257	5 <sup>1</sup> / <sub>4</sub>		133	5 <sup>1</sup> / <sub>2</sub>		140	11 <sup>3</sup> / <sub>4</sub>		298	1/2		13	4 <sup>1</sup> / <sub>2</sub>		114
4PX-700	14 <sup>1</sup> / <sub>2</sub>		368	11 <sup>1</sup> / <sub>4</sub>		286	6 <sup>7</sup> / <sub>8</sub>		156	6 <sup>5</sup> / <sub>8</sub>		168	9 <sup>5</sup> / <sub>8</sub>		244	5/8		16	5 <sup>1</sup> / <sub>2</sub>		140
4PX-2000	18		457	13 <sup>7</sup> / <sub>8</sub>		352	11 <sup>1</sup> / <sub>8</sub>		283	10		254	13 <sup>11</sup> / <sub>16</sub>		348	1		25.4	7 <sup>7</sup> / <sub>8</sub>		200
4PX-5000	20 <sup>1</sup> / <sub>42</sub>		521	15 <sup>7</sup> / <sub>8</sub>		403	14 <sup>1</sup> / <sub>2</sub>		368	13		330	17		432	1		25.4	10 <sup>3</sup> / <sub>4</sub>		273

\*Bolt size to be used Note: Dimensions and data subject to change without notice.

