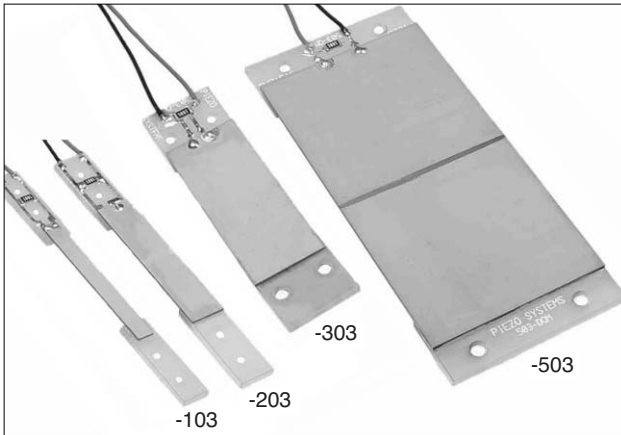


### STD. DOUBLE-QUICK-MOUNT EXTENSION MOTORS PRE-MOUNTED AND WIRED, TWO END, ± 3.6 μm TO ± 7.2 μm



#### DESCRIPTION

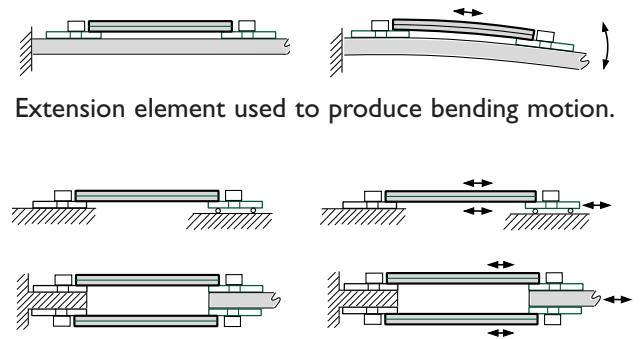
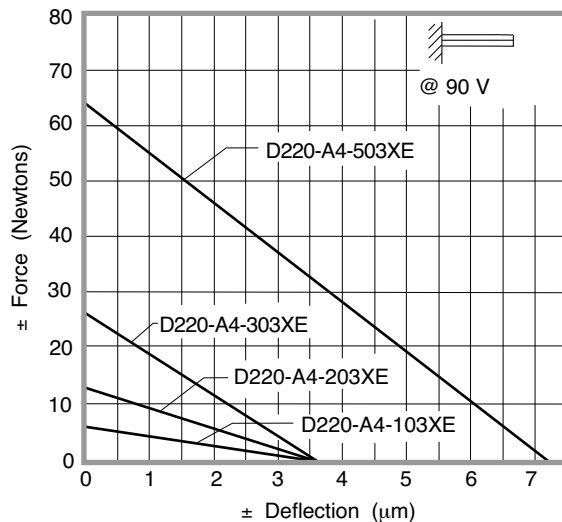
##### Bolt-down convenience on two ends.

Standard Double-Quick-Mount Extenders attach easily to equipment using the PCB mounting holes, and may be used to produce bending or extension. They are wired for low voltage operation and the board mounted bleed resistor protects the transducer and user electronics from transient voltages arising from thermal and mechanical shocks. They possess very low magnetic permeability, and generate no significant magnetic field. Standard Double-Quick-Mount extenders employ T220-A4-103X, T220-A4-203X, T220-A4-303X or T220-A4-503X transducers.

Dimensions for Standard Double-Quick-Mounts are shown on [page 46](#).

Custom configurations and sizes: Upon request.

**ROHS: Compliant.**



Extension element used to produce linear motion.

#### PERFORMANCE: STD DOUBLE-QUICK-MOUNT EXTENSION MOTOR

VALUES TO BE USED AS GUIDELINES

PART NUMBER	PIEZO MATERIAL	WEIGHT	STIFFNESS	CAPACITANCE	RATED VOLTAGE	RESONANT FREQUENCY	FREE DEFLECTION	BLOCKED FORCE
		grams	N/m	nF	±Vp	Hz	±μm	±N
D220-A4-103XE	5A4E	1.1	2x10 <sup>6</sup>	13	± 90	24,000	± 3.6	± 6
D220-A4-203XE	5A4E	1.7	3x10 <sup>6</sup>	28	± 90	24,500	± 3.6	± 12
D220-A4-303XE	5A4E	2.7	7x10 <sup>6</sup>	52	± 90	25,000	± 3.6	± 26
D220-A4-503XE	5A4E	10.4	8x10 <sup>6</sup>	255	± 90	12,000	± 7.2	± 64

#### ORDERING INFORMATION

#### PART NO.

1 pc.

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25

100

Standard Double-QM Extension Motor	-103 size	D220-A4-103XE	\$184	\$104	\$69	\$53
Standard Double-QM Extension Motor	-203 size	D220-A4-203XE	\$189	\$114	\$74	\$56
Standard Double-QM Extension Motor	-303 size	D220-A4-303XE	\$209	\$134	\$84	\$67
Standard Double-QM Extension Motor	-503 size	D220-A4-503XE	\$249	\$179	\$134	\$109