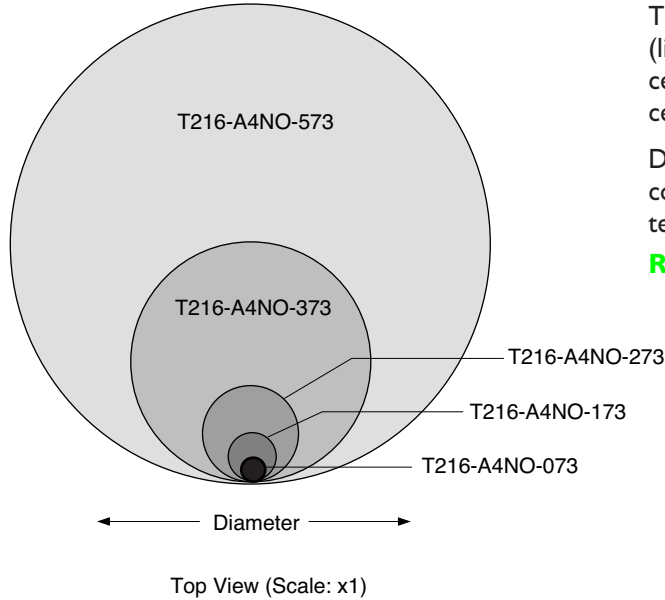


2-LAYER PIEZO BENDING DISKS



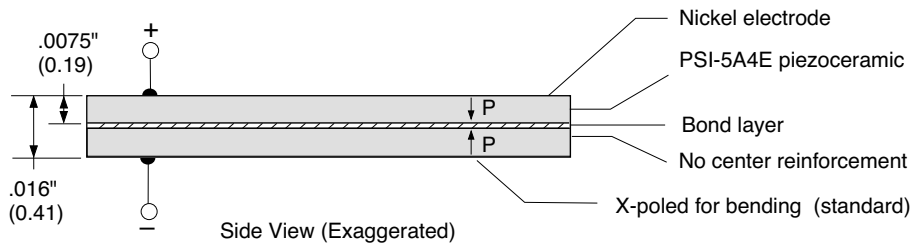
DESCRIPTION

The T216-A4NO Bending Disk elements bow in and out (like a drum head) when actuated. Because they have no center shim reinforcement, they are not intended to be center accessed.

Disks are stocked for “off-the-shelf” delivery. Custom configurations and sizes upon request. Maximum diameter is 2.75” (69.8mm).

ROHS: Compliant.

PART NUMBER	DIAMETER	
	Inches	(mm)
Elements made with PSI-5A4E Piezoceramic		
T216-A4NO-073X	.125	(3.2)
T216-A4NO-173X	.250	(6.4)
T216-A4NO-273X	.500	(12.7)
T216-A4NO-373X	1.250	(31.8)
T216-A4NO-573X	2.500	(63.5)



SELECTION CHART: BENDING DISK MOTOR

VALUES TO BE USED AS GUIDELINES

PART NUMBERS (BENDING DISKS)	WEIGHT (Grams)	STIFFNESS (N/m)	CAPACITANCE (nF) (Series Operation)	RATED VOLTAGE (Vp) (Series Operation)	RESONANT FREQUENCY ① (Hz)	FREE DEFLECTION ① (µm)	BLOCKED FORCE ① (N)	① Performance based on full diameter bending length.			
								ORDERING INFORMATION			
								1 pc.	5	25	100
								UNIT PRICE			
.016" (.41mm) THICK											
T216-A4NO-073X	.03	2x10 ⁴	0.3	± 180	116,000	± 1.2	± 2.4	\$60	\$40	\$20	\$6
T216-A4NO-173X	.10	500x10 ³	1.1	± 180	29,300	± 4.7	± 2.4	\$75	\$45	\$25	\$10
T216-A4NO-273X	.40	125x10 ³	4.3	± 180	7,300	± 19.1	± 2.4	\$100	\$60	\$35	\$18
T216-A4NO-373X	2.5	20x10 ³	27	± 180	1,170	± 119	± 2.4	\$150	\$115	\$60	\$45
T216-A4NO-573X	9.8	5x10 ³	107	± 180	290	± 476	± 2.4	\$225	\$190	\$150	\$130