

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON THE EXPRESSED CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTERESTS OF KEARFLEX ENGINEERING CO.

ECO#	REV

PART NUMBER	O.D. MAX	PRESSURE RATINGS		SPRING RATE #/S INCH	EFFECTIVE AREA	NOMINAL STROKE	DEFLECTION RATE IN IPSI	LINEARITY	HYSTERESIS
		OPER. PSI.	PROOF MAX					%	%
		MAX	PSI					FULL SCALE	FULL SCALE
175-10-N	1.625	10	15	78	0.7	0.09	0.009	1.00%	0.25%
175-15-N	1.625	15	22.5	117	0.7	0.09	0.006	1.00%	0.25%
175-25-N	1.625	25	37.5	195	0.7	0.09	0.0036	1.00%	0.25%
175-50-N	1.625	50	75	390	0.7	0.09	0.0018	1.00%	0.25%
212-7-N	2	7	10.5	88	1.25	0.1	0.01429	1.00%	0.25%
212-10-N	2	10	15	125	1.25	0.1	0.01	1.00%	0.25%
212-15-N	2	15	22.5	190	1.25	0.1	0.00667	1.00%	0.25%
212-25-N	2	25	37.5	350	1.25	0.09	0.0036	1.00%	0.25%
212-50-N	2	50	75	695	1.25	0.09	0.0018	1.30%	0.50%
250-5-N	2.375	5	7.5	50	1.5	0.15	0.03	1.00%	0.25%
250-10-N	2.375	10	15	100	1.5	0.15	0.015	1.00%	0.25%
250-15-N	2.375	15	22.5	150	1.5	0.15	0.01	1.00%	0.25%
250-20-N	2.375	20	30	200	1.5	0.15	0.0075	1.00%	0.25%
250-25-N	2.375	25	37.5	270	1.5	0.15	0.0056	1.20%	0.50%

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 REMOVE BURRS BREAK EDGES 0.005  
 MACHINED SURFACES R M S 63

TOLERANCES

FRACTIONS ±1/64	DECIMALS ±0.005	ANGLES ±1 °
--------------------	--------------------	----------------

DRAWN	
CHECKED	
APPROVED	
SCALE	1:1

**KEARFLEX ENGINEERING CO**  
 WARWICK, RHODE ISLAND

CODE IDENT # 26136

PART NAME <b>Standard Diaphragms High Diameters</b>	
PART # <b>Chart Two</b>	REV --