

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. MAX	PROOF PSI. MAX					% FULL SCALE	% FULL SCALE
100-20-N	0.875	20	30	100	0.2	0.04	0.002	1.00%	0.25%
100-30-N	0.875	30	45	150	0.2	0.04	0.00133	1.00%	0.25%
100-50-N	0.875	50	75	250	0.2	0.04	0.0008	1.00%	0.25%
100-100-N	0.875	100	150	500	0.2	0.04	0.0004	1.00%	0.25%
100-250-N	0.875	250	375	1430	0.2	0.035	0.00014	1.50%	0.50%
125-15-N	1.125	15	22.5	75	0.3	0.06	0.004	1.00%	0.25%
125-25-N	1.125	25	37.5	125	0.3	0.06	0.0024	1.00%	0.25%
125-50-N	1.125	50	75	250	0.3	0.06	0.0012	1.00%	0.25%
125-75-N	1.125	75	112.5	450	0.3	0.05	0.00067	1.50%	0.25%
125-100-N	1.125	100	150	600	0.3	0.05	0.0005	1.50%	0.50%
150-10-N	1.375	10	15	65	0.45	0.07	0.007	1.00%	0.25%
150-15-N	1.375	15	22.5	98	0.45	0.07	0.00467	1.00%	0.25%
150-25-N	1.375	25	37.5	160	0.45	0.07	0.0028	1.00%	0.25%
150-50-N	1.375	50	75	350	0.45	0.065	0.0013	1.30%	0.50%
150-75-N	1.375	75	112.5	565	0.45	0.065	0.0008	1.50%	0.75%

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 °
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DRAWN	
CHECKED	
APPROVED	
SCALE	1:1

**KEARFLEX ENGINEERING CO**  
 WARWICK, RHODE ISLAND

CODE IDENT # 26136

PART NAME <b>Standard Diaphragms Low Diameters</b>	
PART # <b>Chart One</b>	REV --