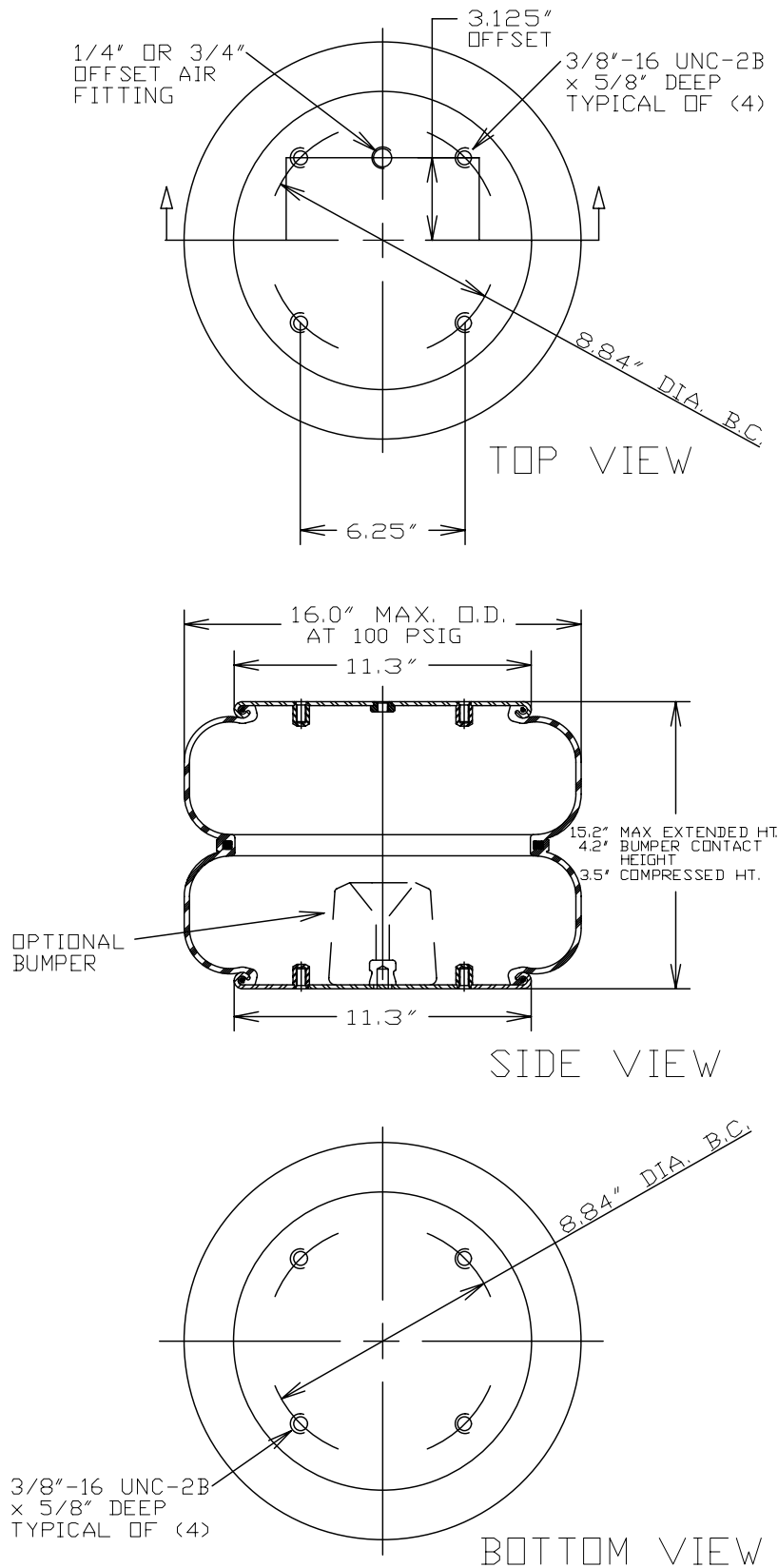




ASSEMBLY NUMBER	ELASTOMER	AIR FITTING	BUMPER INCLUDED
2B14-362	NAT. RUBBER	1/4"-18 NPTF OFFSET 3.125"	NO
2B14-363	NAT. RUBBER	3/4"-14 NPTF OFFSET 3.125"	NO
2B14-452	NAT. RUBBER	1/4"-18 NPTF OFFSET 3.125"	YES
578923356 FLEX MEMBER ONLY	NAT. RUBBER	----	---

SPRING FEATURES:

- LOAD RANGE (ISOLATOR).....2000-13100 lb
- DESIGN HEIGHT RANGE (ISOLATOR).....7.5-9.5 in
- USEABLE STROKE w/o BUMPER (ACTUATOR)...11.7 in
- USEABLE STROKE WITH BUMPER (ACTUATOR)..11.0 in
- ASSEMBLY WEIGHT.....19.2 lb
- TEMPERATURE RANGE*.....
- FORCE TO COMPRESS AT 0 PSIG (APPROX.)....70 lb
- NOMINAL FREE STANDING HT. AT 0 PSIG....9.7 in

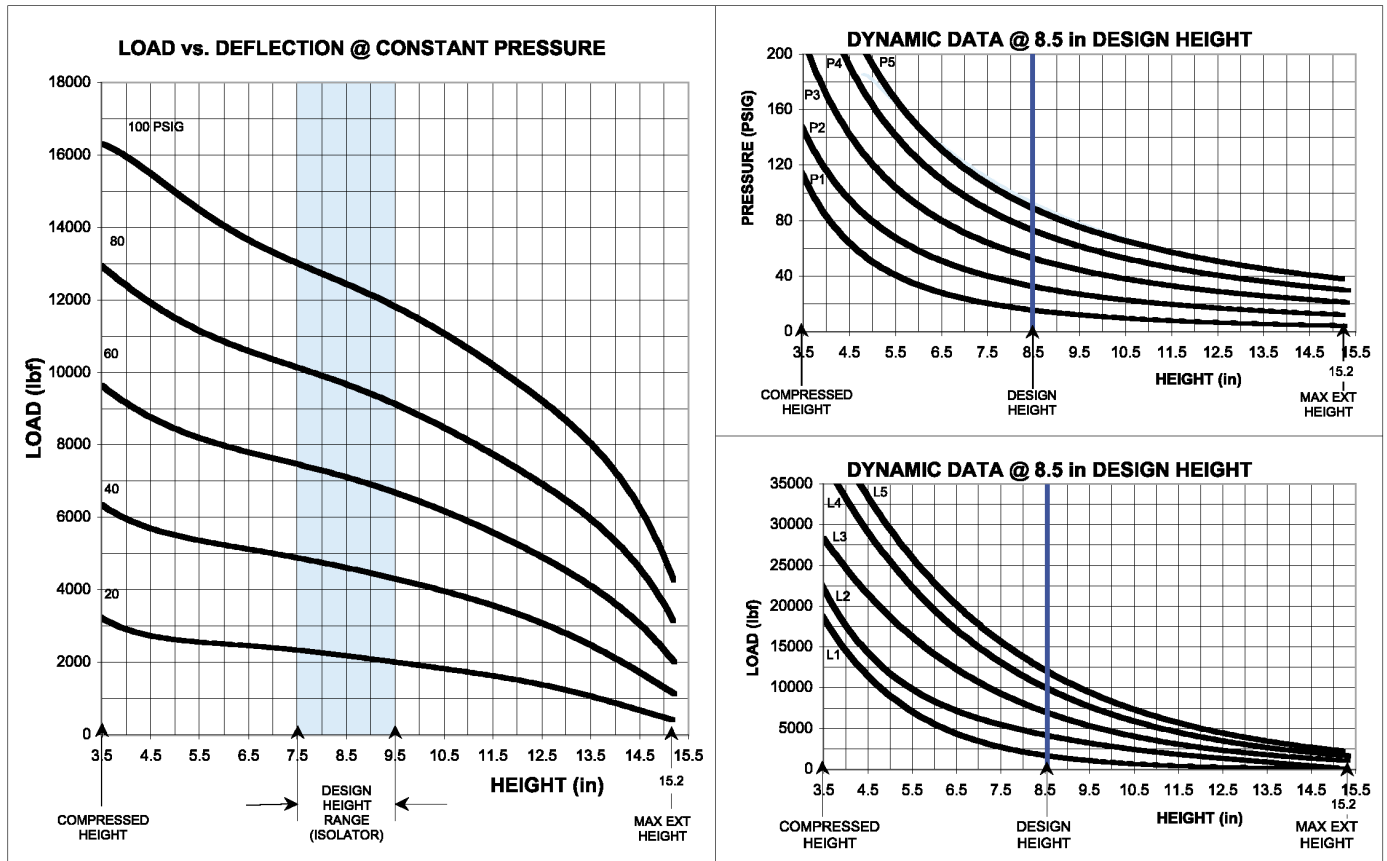
* NOTE: PRODUCT LIFE MAY BE SHORTENED WHEN OPERATING AT OR NEAR EXTREME TEMPERATURES. SEE TEMPERATURE RANGE GUIDELINES SECTION.

RECOMMENDED MAX. TORQUE VALUES

3/8"-16 UNC BLIND TAP TYP. OF (8)	1/4"-18 UNC AIR FITTING	3/4"-14 UNC AIR FITTING
300 in-lb 25 ft-lb	240 in-lb 20 ft-lb	240 in-lb 20 ft-lb

NOTE: SEE GUIDELINES FOR PROPER APPLICATION OF THIS PRODUCT

GRAPHS FOR REFERENCE ONLY - USE THE CHART DATA BELOW FOR DESIGN WORK



****NOTE: MAXIMUM INFLATION PRESSURE IS 100 PSIG. MAXIMUM JOUNCE PRESSURE IS 200 PSIG. IF YOUR APPLICATION WILL EXCEED THESE LIMITS, CONSULT A GOODYEAR REPRESENTATIVE FOR APPLICATION ASSISTANCE.**

CONSTANT PRESSURE CHARACTERISTICS

Assembly Height (in)	Volume @ 100 PSIG (in ³)	Nominal Force (lb)				
		@ 20 PSIG	@ 40 PSIG	@ 60 PSIG	@ 80 PSIG	@ 100 PSIG
15.2	1900	320	1100	2000	3100	4300
14.0	1806	800	2000	3500	5200	7100
12.5	1655	1350	3000	4800	6800	9100
11.0	1477	1700	3800	5900	8100	10600
9.5	1283	2000	4300	6700	9100	11800
8.5	1149	2200	4600	7100	9700	12500
7.5	1012	2300	4900	7500	10200	13100
6.0	806	2500	5200	7900	10700	13800
4.5	605	2700	5700	8800	12000	15700
3.5	469	3200	6300	9600	12900	16200

DYNAMIC CHARACTERISTICS

Design Height (in)	Load (lb)	Pressure (PSIG)	Spring Rate (lb/in)	Natural Frequency	
				cpm	Hz
9.5	2000	18	620	104	1.73
	4000	35	990	93	1.55
	7000	61	1565	89	1.48
	10000	87	2100	86	1.43
8.5	2000	17	650	107	1.78
	4000	33	1055	97	1.62
	7000	58	1640	91	1.52
	10000	82	2235	89	1.48
7.5	12000	97	2625	88	1.47
	2000	16	750	115	1.92
	4000	31	1170	102	1.70
	7000	54	1810	96	1.60
4.5	10000	78	2450	93	1.55
	12000	94	2895	92	1.53