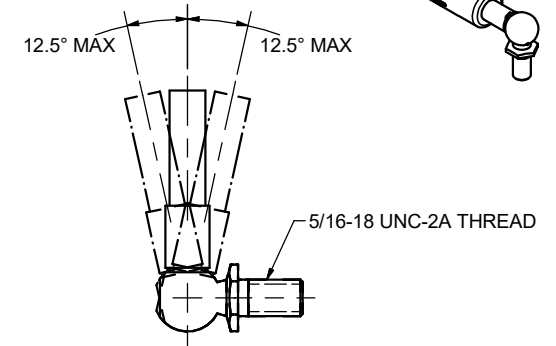
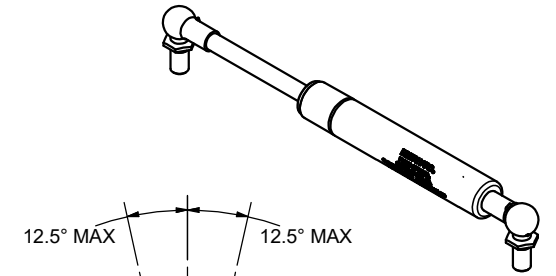
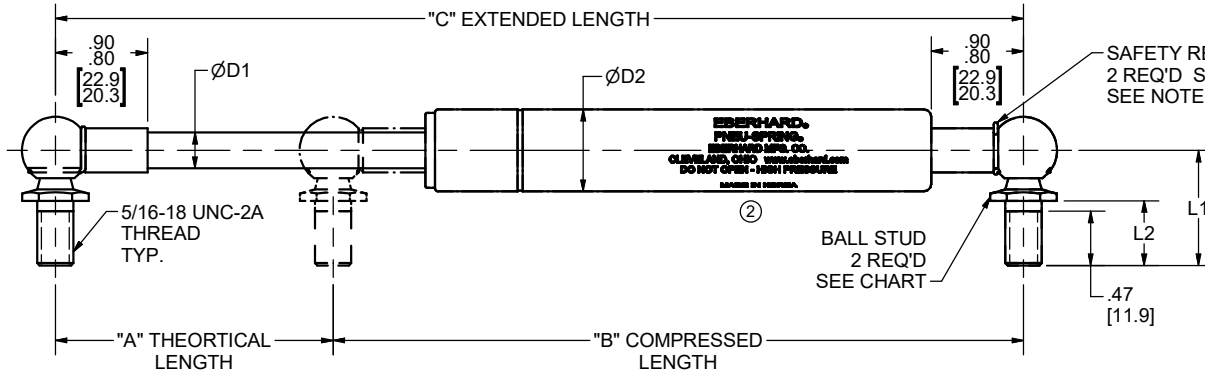


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REVISION HISTORY					
REV	DESCRIPTION	EN	DATE	REV. BY	APVD. BY
	REVISED AND REDRAWN	5664	7/25/2014	FLP	MR
1	7.11.78 [18.0/20.0] WAS .78 [19.0]	5679	11-7-14	FLP	MR
2	REVISED LABEL TO DETAIL	5696	3-27-15	FLP	MR
3	CORRECTED CHART	5765	8-12-16	FLP	MR



REF: NOTE #2

① EAA/EBB SERIES GAS SPRING						
MODEL	D1	D2	"A" STROKE	"B" COMPRESSED	"C" EXTENDED	FORCES
EAA-8200	.31 [8.0]	.71/.78 [18.0/20.0]	2.00 [50.8]	6.40 [162.6]	8.40 [213.5]	20, 30, 60, 90, 130, 150
EAA-8350	.31 [8.0]	.71/.78 [18.0/20.0]	3.550 [88.9]	8.34 [211.9]	11.84 [301.0]	20, 30, 60, 90, 120
EAA-8500	.31 [8.0]	.71/.78 [18.0/20.0]	5.00 [127.0]	10.18 [258.6]	15.18 [385.5]	20, 30, 60, 90, 120
EAA-8600	.31 [8.0]	.71/.78 [18.0/20.0]	6.00 [152.4]	10.99 [279.2]	16.99 [431.5]	20, 30, 40, 60, 90, 120
EAA-8700	.31 [8.0]	.71/.78 [18.0/20.0]	7.00 [177.8]	12.57 [319.3]	19.57 [497.0]	20, 30, 50, 60, 90, 120, 150
EBB-10100	.39 [10.0]	.90 [22.0]	10.00 [254.0]	17.81 [452.5]	27.81 [706.5]	100, 120, 150, 200, 250

BALL STUD AND SAFETY CLIP INFORMATION				
GAS SPRING SERIES	BALL STUD	L1	L2	SAFETY CLIP
EAA SERIES	16298 (10 MM)	.97 [24.7]	.56 [14.2]	16299
EBB SERIES	16301 (13MM)	1.14 [29.0]	.62 [15.7]	16302-SS



NOTES:

- SAFETY RETAINING CLIPS MUST BE INSERTED THRU TWO HOLES IN END SOCKET FITTINGS AND SNAPPED INTO PLACE AS SHOWN.
- RECOMMENDED MAXIMUM ROTATON OF BALL STUDS TO BE 12° 30' OR LESS IN ANY DIRECTION
- GAS SPRING NOT TO BE USED IN TEMPERATURES ABOVE 176° F OR BELOW -22° F
- INSTALLATION TORQUE FOR BALL STUDS: 12-15 LBS-FT [16.3-20.3 N-M]
- CONSULT FACTORY FOR DESIGN ASSISTANCE AND MOUNTING BRACKET INFORMATION
- FINISH: ROD: OXY NITRIDING; BARREL: BLACK PAINT; BALL STUD: ZINC
- ALL MODELS ENDING IN "U" INCLUDE: (1) PNEU-SPRING, (2) BALL STUDS, AND (2) SAFETY CLIPS.
- ALL MODELS ENDING IN "C" INCLUDE: (1) PNEU-SPRING AND (2) SAFETY RETAINING CLIPS.
- ORDER PART NUMBER WITH SPECIFIC FORCES: EXAMPLE EAA-8200-20U FOR 20 LBS. FORCE

SUPERSEDES DRAWING EAA-8200-U CHART DATED 11-17-2012.

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.15-2009	
LINEAR MEASURE: INCH	DATE: 7/25/2014
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS:	DR BY: FLP
IN MM	SCALE: NONE
ANGLES: ± 2° ± 2'	CHK BY:
2 PLACE DEC.: ± .03 ± .76	
3 PLACE DEC.: ± .015 ± .38	
ALL HOLES: ± .005 ± .13	

CUSTOMER PRINT	
EBERHARD MANUFACTURING CO. DIVISION OF THE EASTERN COMPANY CLEVELAND, OHIO 44149-9712	
NAME	PNEU-SPRING WITH BALL STUDS AND RETAINING CLIPS
MATERIAL	PART NUMBER CHART
	EAA-8200-U

C:\TEMP\cc2688a9-d4e5-4770-a847-2f9615a0c31a1\FASTER\GAS SPRINGS\EAA-8200-U.CH.dwg