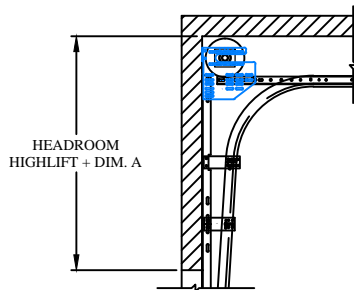


STANDARD LIFT HEADROOM DETAIL

TORSION SPRING HEAD ROOM REQUIREMENTS FOR STANDARD LIFT DOORS				
TRACK RADIUS	DOOR HEIGHT	DRUM	HEADROOM (2" TRACK)	HEADROOM (3" TRACK)
15"	UP TO 8' TALL	D400-96	15"	16-3/8"
	8'3" - 12' TALL	D400-144	15"	16-3/8"
	12'3" - 16' TALL	D525-216	15-1/2"	16-7/8"
	16'3" - 18' TALL	D525-216	15-1/2"	16-7/8"
	18'3" - 20' TALL	D800-384	18-3/4"	20"
12"	UP TO 8' TALL	D400-96	12"	N/A
	8'3" - 12' TALL	D400-144	12-3/4"	N/A
	12'3" - 14' TALL	D525-216	13-1/4"	N/A
6"Ø SPRINGS & DUPLEX		7-1/4" SPRINGS TRIPLEX		
TRACK RADIUS	HEADROOM (2" TRACK)	HEADROOM (3" TRACK)	HEADROOM (2" TRACK)	HEADROOM (3" TRACK)
15"	16-3/4"	18"	21-3/16"	22-1/2"
	16-3/4"	18"	21-3/16"	22-1/2"
	17-1/4"	18-1/2"	21-3/16"	22-1/2"
	17-1/4"	18-1/2"	21-3/16"	22-1/2"
	18-3/4"	20"	21-3/16"	22-1/2"
12"	N/A	N/A	N/A	N/A
	13-1/4"	N/A	18-1/8"	N/A
	14-1/4"	N/A	18-1/8"	N/A

NOTES:
AN ADDITIONAL 4" OF HEADROOM IS REQUIRED FOR A SINGLE TROLLEY OPERATOR IF INSTALLED.

AN ADDITIONAL 6" OF HEADROOM IS REQUIRED FOR A DUAL TROLLEY OPERATOR IF INSTALLED.

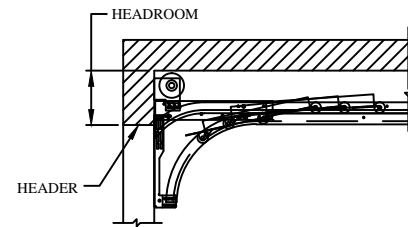


HIGH LIFT HEADROOM DETAIL

TORSION & DUPLEX SPRING HEAD ROOM REQUIREMENTS FOR HIGH LIFT DOORS				
	DRUM	D5250-54	D5750-120	D6375-164
2" TRACK	DIM. A	9-3/4"	12-1/2"	13-1/4"
3" TRACK	DIM. A	11"	13-1/2"	14-1/4"

TRIPLEX SPRING HEAD ROOM REQUIREMENTS FOR HIGH LIFT DOORS				
	DRUM	D5250-54	D5750-120	D6375-164
2" TRACK	DIM. A	10-1/4"	13"	13-3/4"
3" TRACK	DIM. A	11-1/2"	14"	14-3/4"

NOTES:
1. ALL DIMENSIONS INCLUDE 1/2" SPACE ABOVE HIGHEST POINT.



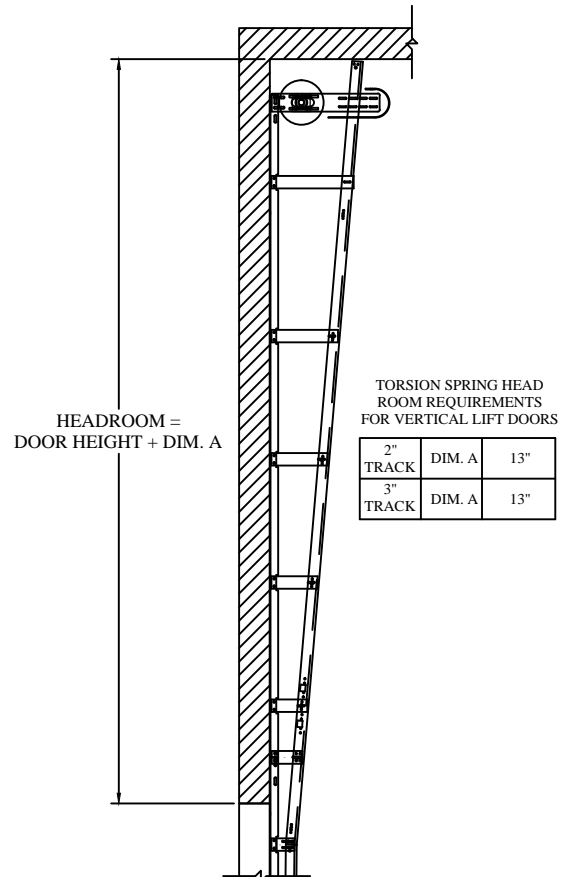
LOW HEADROOM HEADROOM DETAIL

TORSION SPRING HEAD ROOM REQUIREMENTS FOR LOW HEADROOM TORSION TO THE FRONT DOORS				
DOOR HEIGHT	END BEARING PLATE	DRUM	HEADROOM (2" TRACK)	HEADROOM (3" TRACK)
UP TO 8' TALL	3-3/8" EBP	D400-96	11-3/16"	12-1/8"
8'3" - 12' TALL	3-3/8" EBP	D400-144	11-3/16"	12-1/8"
12'3" - 16' TALL	4-3/8" EBP	D525-216	12-3/16"	13-1/8"
16'3" - 18' TALL	4-3/8" EBP	D525-216	12-3/16"	13-1/8"
	5" OR 6" EBP	D800-384	15-1/16"	16"

TORSION SPRING HEAD ROOM REQUIREMENTS FOR LOW HEADROOM TORSION TO THE REAR DOORS				
DOOR HEIGHT	END BEARING PLATE	DRUM	HEADROOM (2" TRACK)	HEADROOM (3" TRACK)
UP TO 8' TALL	6-5/8" FLAT EBP	D400-96	6-1/2"	7-5/8"
8'3" - 12' TALL	6-5/8" FLAT EBP	D400-144	6-1/2"	7-5/8"
12'3" - 16' TALL	6-5/8" FLAT EBP	D525-216	6-1/2"	7-5/8"
16'3" - 18' TALL	6-5/8" FLAT EBP	D525-216	6-1/2"	7-5/8"
	6-5/8" FLAT EBP	D800-384	7-5/16"	8-1/2"

****NOTES****

- 1.) MAX DOOR WEIGHT OF 800LBS FOR LOW HEAD TORSION TO REAR APPLICATIONS.
- 2.) AN ADDITIONAL 4" OF HEADROOM IS REQUIRED IF A TROLLEY OPERATOR IS INSTALLED.



TITLE: COMMERCIAL HEADROOM CHART

DRAWN BY: MWJ DATE: 4-28-20

CHECKED BY: MWJ DATE: 4-28-20

APPROVED BY: MWJ DATE: 4-28-20

SCALE: NONE PART #