

FMB-3 SD LT - PULLEY GUIDELINES & FABRICATION OPTIONS

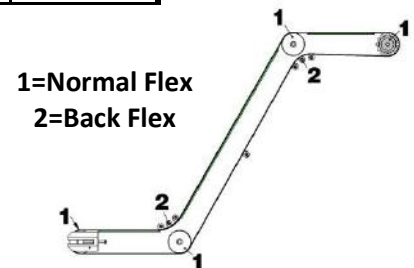
Belt Type	FMB-3 SD LT			
MPD. Base Belt	80mm		3.15"	
Electrode: EVMB-LT	120mm		4.72"	
VLB-LT/VLC/VLB 10	130mm		5.12"	
VLB-LT/VLC/VLB 13	140mm		5.51"	
VLB-LT/VLC/VLB 17	155mm		6.10"	
Minimum Pulley diameter for High frequency welded Flights				
App. Temperature	Temp ≥ 0° C / 32° F		Temp < 0° C / 32° F	
Flight 3 – 5 mm	101mm	3.97"	151mm	5.94"
Flight 6 – 8 mm	128mm	5.04"	180mm	7.09"
Minimum Pulley Diameter for Based Sidewalls – (working temp.range -20°C to 35°C / 4°F to 95°F)				
	Normal Flex		Back Flex	
Sww 20	105 mm	4.13"	110 mm	4.33"
Sww 30	105 mm	4.13"	125 mm	4.92"
Sww 40	115 mm	4.53"	150 mm	5.90"
Sww 50	125 mm	4.92"	175 mm	6.89"
Sww 60	130 mm	5.12"	200 mm	7.87"
Sww 80	150 mm	5.90"	250 mm	9.84"
Sww 100	200 mm	7.87"	300 mm	11.81"
Minimum Pulley Diameter for Baseless Sidewalls – 2mm Thick				
	Normal Flex		Back Flex	
B-SW 30	80mm	3.15"	110mm	4.33"
B-SW 40	90mm	3.54"	120mm	4.72"
B-SW 50	100mm	3.94"	150mm	5.90"
B-SW 60	110mm	4.33"	180mm	7.10"
B-SW 80	130mm	5.12"	230mm	9.05"
B-SW 100	160mm	6.30"	300mm	11.81"
B-SW 130	210mm	8.27"	400mm	15.75"
B-SW 150	250mm	9.84"	450mm	17.72"
Minimum Pulley Diameter for Two Top Guides				
Guide Type	Normal Flex		Back Flex	
VLB-LT/VLB/VLC 13	145mm	5.70"	150mm	5.90"
VLB-LT/VLB/VLC 17	177.5mm	6.99"	175mm	6.89"
CLB/CLC 13	124mm	4.88"	140mm	5.51"
CLB/CLC 17	146mm	5.74"	160mm	6.30"
VSB/VSC 13	125.5mm	4.94"	135mm	5.31"
VSB/VSC 17	145mm	5.70"	150mm	5.90"
CSB/CSC 13	110.8mm	4.36"	128mm	5.04"
CSB/CSC 17	124mm	4.88"	140mm	5.51"

All inch sizes have been converted from metric sizes.

Sidewalls & Guides: It is possible to weld Sidewalls from L material to the LT belts. Sidewalls & Guides must be positioned at a minimum distance of 100mm from the belt teeth.

Flights: We recommend using LT material as preferred Flights material. MB material is also acceptable but in this case, you should make sure that the temperature of your application does not exceed the regular MB LT materials limit. The flights should be welded with HF between the teeth as indicated in the SuperDrive™ and Mini SuperDrive™ Technical Manual.

Electrodes: We do not recommend using electrodes for welding flights on these belts.



When choosing the pulley size must be equal or larger than the minimum pulley required.