

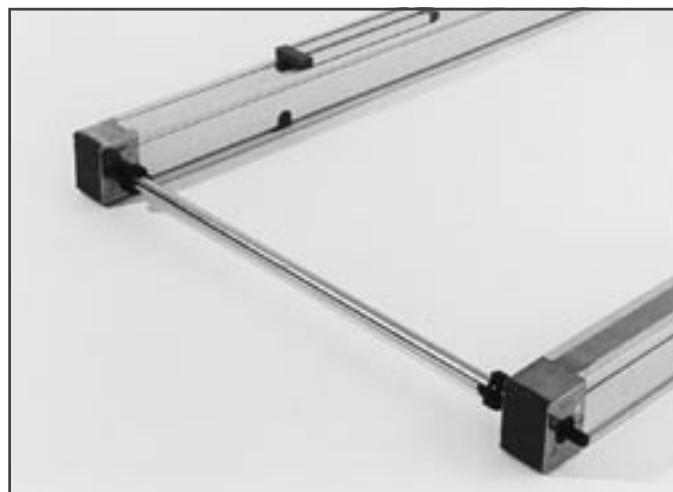
## Intermediate shafts

### Intermediate shaft

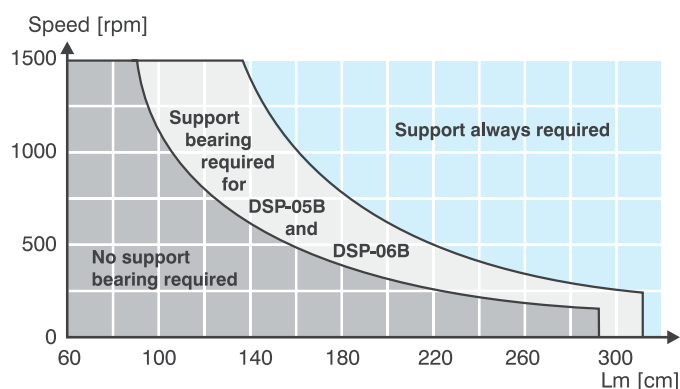
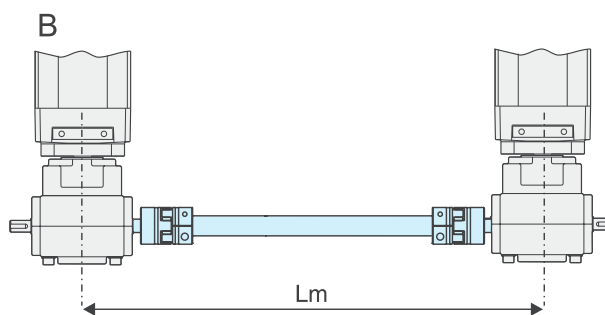
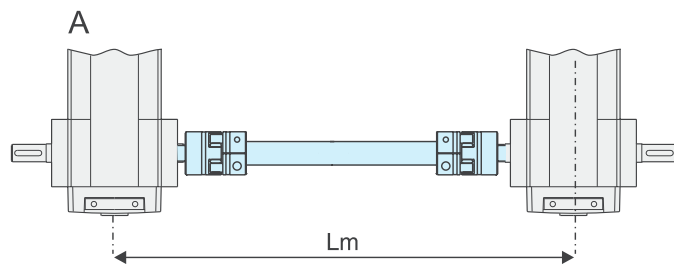
The intermediate shaft provides synchronous drive of multiple units with a single motor.

The intermediate shaft consists of couplings matching the rodless actuators (A) or worm gears (B) being used and a high precision tube with customer defined length.

The intermediate shaft has a critical speed which may not be exceeded. The critical speed is a function of the length of the tube, as shown in the diagram below. Higher speeds or longer shafts require additional support bearings to be installed along the shaft. Support bearings can be ordered from your local bearings supplier.



### Critical speed



### Ordering key

Example:	DSP-	06B	-	305
		↑		↑
<b>For Linear drive unit</b>		M50	05B	
		M55	06B	
		M75	07B	
		M100	10B	
		CB	-CB	
		ZB	-ZB	
<b>For Worm gear</b>		TBS40	TBS	
				↑
				Lm (C/C distance between units in cm)
				...

### Technical data

	DSP	
Model	DSP-05B DSP-06B	DSP-07B DSP-10B DSP--CB DSP--ZB DSP-TBS
Weight [kg]	0,3 + 1,3 × Lm	0,6 + 2,6 × Lm
Max. speed [rpm]	1500	1500
Tube diameter [mm]	20	30

www.LinearActuators.com

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