

Drive housing 25, 40, 60



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Subject to technical changes

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LinearChain

5. Drive housing

A special design of sprocket wheel housing with chain guides is needed to convert the gearmotor torque to a linear thrust force. For larger thrust forces a duplex chain is used with double sprocket wheel.

The drive housing contains a guide plate and reaction plate. The guide plate leads the chain

around the sprocket wheel. The reaction plate guides the chain into the appropriate direction (90° or 180°). The gear motor can be installed directly on the drive housing shaft or connected with a flexible coupling.

5.2 Material and maintenance

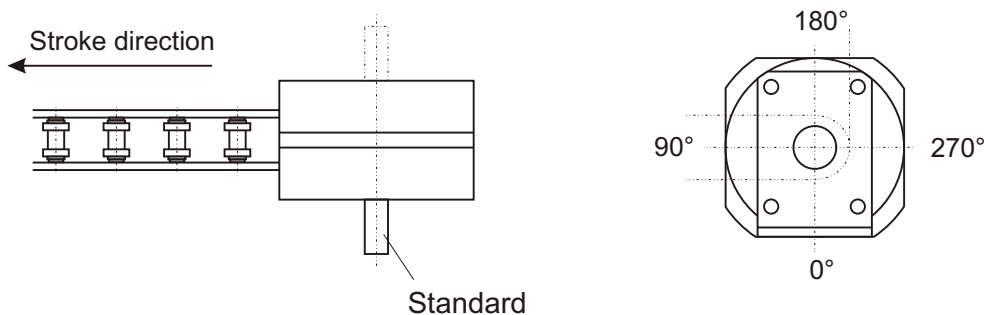
The drive housing is made of cast aluminium. Internal parts are maintenance free. The

bearings are lubricated for life.

5.3 Installation and drive shafts

The drive housing is equipped with a mounting angle on each side which can be turned to fit any mounting position. The standard drive shaft location is shown on the drawing below. The

location can be changed by reversing the assembly of the sprocket wheel and shaft or by simply specifying the appropriate location.



6.4 Weight of drive housing with mounting angle

	Pitch 25mm	Pitch 40mm	Pitch 60mm
Weight (standard chain)	3,6 kg	8,8 kg	21,2 kg
Weight (duplex chain)	-	-	30 kg