

GEARBOX 3D MODELS DOWNLOAD AND ASSEMBLY PROCEDURE FOR MANUAL OPERATION

BEVEL GEARBOX

- Download the required bevel gearbox model from the web.
- Refer the compatibility chart / catalogue and download the appropriate hand wheel or actuator mounting flange for gearbox operation.
- Assemble the two parts as per the instructions below.

Instructions:

- The central boss of the hand wheel (with the bore and keyway) is to be made concentric to the input shaft of the bevel gearbox.
- Mate the hand wheel and the input shaft by matching the keyway in the hand wheel with the parallel key on the input shaft.

FLANGE MOUNTED WORM GEARBOX (GS)

- Download the required worm gearbox model from the web.
- Refer the compatibility chart / catalogue and download the appropriate reduction gearbox and hand wheel/actuator mounting flange as per the desired mode of operation.
- Assemble the component as per the instructions below.

Instructions:

I. Without reduction gearbox:

- The central boss of the hand wheel (with the bore and keyway) is to be made concentric to the input shaft of the bevel gearbox.
- Mate the hand wheel and the input shaft by matching the keyway in the hand wheel with the parallel key on the input shaft.

II. With reduction gearbox:

- Make the output side of the reduction gearbox concentric to the input shaft of the worm gearbox.
- Align the reduction gearbox with the worm gearbox and mate the two components appropriately as shown in the dimension data sheet of the catalogue.
- Next, the central boss of the hand wheel (with the bore and keyway) is to be made concentric to the input shaft of the reduction gearbox.
- Mate the hand wheel and the reduction gearbox by matching the keyway in the hand wheel with the parallel key on the input shaft of the reduction gearbox.

FOOT MOUNTED WORM GEARBOX (GF)

- Download the required foot mounted worm gearbox model from the web.
- Refer the compatibility chart / catalogue and download the appropriate reduction gearbox and hand wheel/actuator mounting flange as per the desired mode of operation.
- Assemble the component as per the instructions below.

Instructions:

I. Without reduction gearbox:

- The central boss of the hand wheel (with the bore and keyway) is to be made concentric to the input shaft of the foot mounted worm gearbox.
- Mate the hand wheel and the input shaft by matching the keyway in the hand wheel with the parallel key on the input shaft.

II. With reduction gearbox:

- Make the output side of the reduction gearbox concentric to the input shaft of the foot mounted worm gearbox.
- Align the reduction gearbox with the foot mounted worm gearbox and mate the two components appropriately as shown in the dimension data sheet of the catalogue.
- Next, the central boss of the hand wheel (with the bore and keyway) is to be made concentric to the input shaft of the reduction gearbox.
- Mate the hand wheel and the reduction gearbox by matching the keyway in the hand wheel with the parallel key on the input shaft of the reduction gearbox.