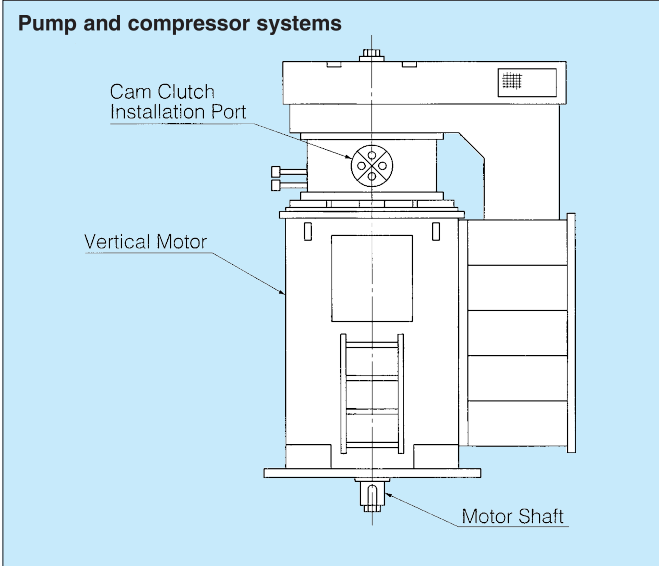
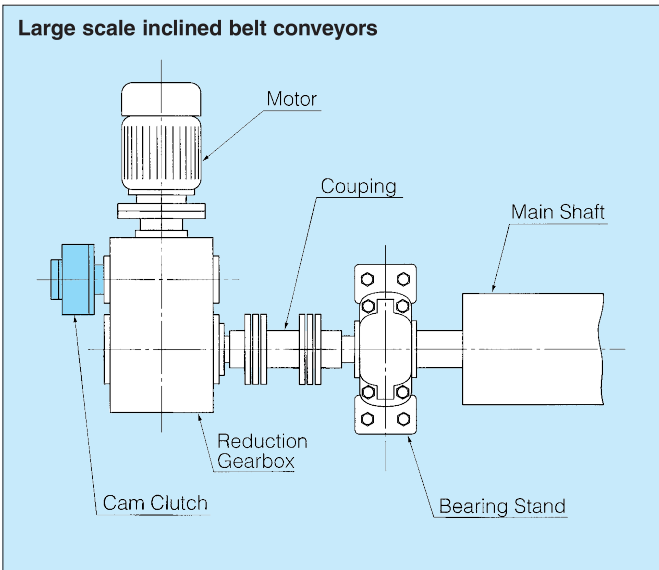


There are many cases in which large scale vertical motor or pump systems must be kept from turning backwards A Cam Clutch can be installed above the motor of a vertical motor system, or on the mainshaft of a vertical pump, to provide this function. Anchoring the outer race of the Cam Clutch will prevent the inner race from rotating in the reverse direction.



For reasons of safety, belt conveyors must be prevented from moving backwards. Installing a Cam Clutch on the main motor shaft is the easiest and most economical method for this. For certain large and mid-scale belt conveyors with high lift distances, it may be more economical to install the Cam Clutch on one of the high speed shafts. In these cases it is important to verify the torque load applied to the engaged clutch.



**Applicable Series**

Series	Advantage	Page
BR, BREU	<ul style="list-style-type: none"> <li>The cam is the inner race overrunning type that lifts off.</li> </ul>	56 to 68

Many liquid media transmission systems use multiple pumps or compressors feeding into the same line, to save energy or provide emergency backup functions. System pressure will often cause the pump or compressor to back-spin when not running. A Cam Clutch can prevent this.

