

Engineered for ANSI B93.15/NFPA interchangeability with the durability required for heavy-duty applications.

Selecting the Proper Mounting

Just as the cylinder bore must be sized to provide the proper force for an application, a cylinder mounting that can absorb these application forces must also be specified. Note: In the mounting information, some mounts have been de-rated to minimize deflection. For applications where the motion is linear and parallel to the cylinder rod motion, a rigid mount is recommended. For curvilinear motion, a swivel mount should be chosen. The specifics of each application dictate the correct mounting style.

NZ35 Double Rod Head Trunnion Mount

Double rod cylinders are specified when equal displacement is desired on both sides of the piston, or when the application is such that another function can be performed simultaneously with a second rod.

These mounts are for applications in which the machine member travels in a path in one plane. Either mount can be both in compression and tension (pull) applications. When used in compression applications, head trunnion mounts provide a longer maximum stroke than trunnion mounts.

NOTE

For strokes in excess of 24 inches, consider a Stop Tube. The trunnion pins are an integral part of the head and can be sleeved to provide an extremely tight fit to the mating machine member and permit curvilinear motion. It is recommended that rigidly mounted pillow blocks with bearings at least as long as the trunnion pins be used. The pillow blocks should be installed as close to the shoulder of the trunnion as possible.



This product is intended for users having technical expertise. Improper use, selection or application of the cylinders and/or their related accessories can cause or result in Death, Bodily Injury and/or Property Damage. For assistance, please consult an Danfoss representative at 952-937-9800.