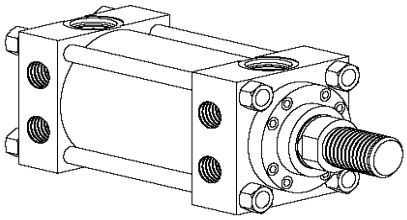
Vickers by Danfoss ® NZ

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.

NZ02 Tapped Mount (ANSI MS4)



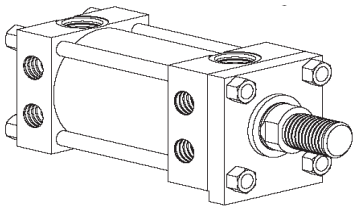
Tapped mounts are for moving loads along a flat guided surface as in a carriage along rails. The mounting surface should be flat and parallel to the centerline of the piston rod. The load should be guided to traverse along the centerline of the piston rod. The frame on which the cylinder is mounted must be sufficiently rigid to resist bending moments.

NOTE

For strokes in excess of 30 inches, see “Stop tube selection”. With unsupported loads, the bearing must absorb more force. For these applications, the larger available rod is recommended, and stop tubes should be considered. Use high tensile socket head cap screws or hex head bolts tightened to the manufacturer’s recommended torque. For high shock applications, dowel pins or shear keys should be incorporated in the mounting design. For these applications, consider a keyed side lug mount, NZ04. For severe side load applications, consult your local Danfoss sales engineer.

Use high tensile socket head cap screws or hex head bolts tightened to the manufacturer’s recommended torque. **For high shock applications**, dowel pins or shear keys should be incorporated in the mounting design. For these applications, consider a keyed tapped mount, NZ05.
For severe side load applications, consult your local Danfoss sales engineer.

NZ05 Keyed Tapped Mount



WARNING 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.