Anti-Rotation Arm Mounting Insutructions



ANTI-ROTATION ARM MOUNTING RECOMMENDATIONS FOR THROUGH SHAFT MOUNT AIR AND SPRING ENGAGED CLUTCHES and COMBINATION CLUTCH-BRAKES

The air cylinder portion of a Mach III through shaft style clutch or combination clutch-brake is designed to remain stationary. Due to friction in the bearing housed in the air cylinder, this member will rotate unless an anti-rotation arm (also known as a reaction arm) is installed. Threaded holes are provided in the cylinder for the installation of this arm. This document contains illustrated examples of proper anti-rotation arm installation.

ADDITIONAL RESOURCES AND SERVICES

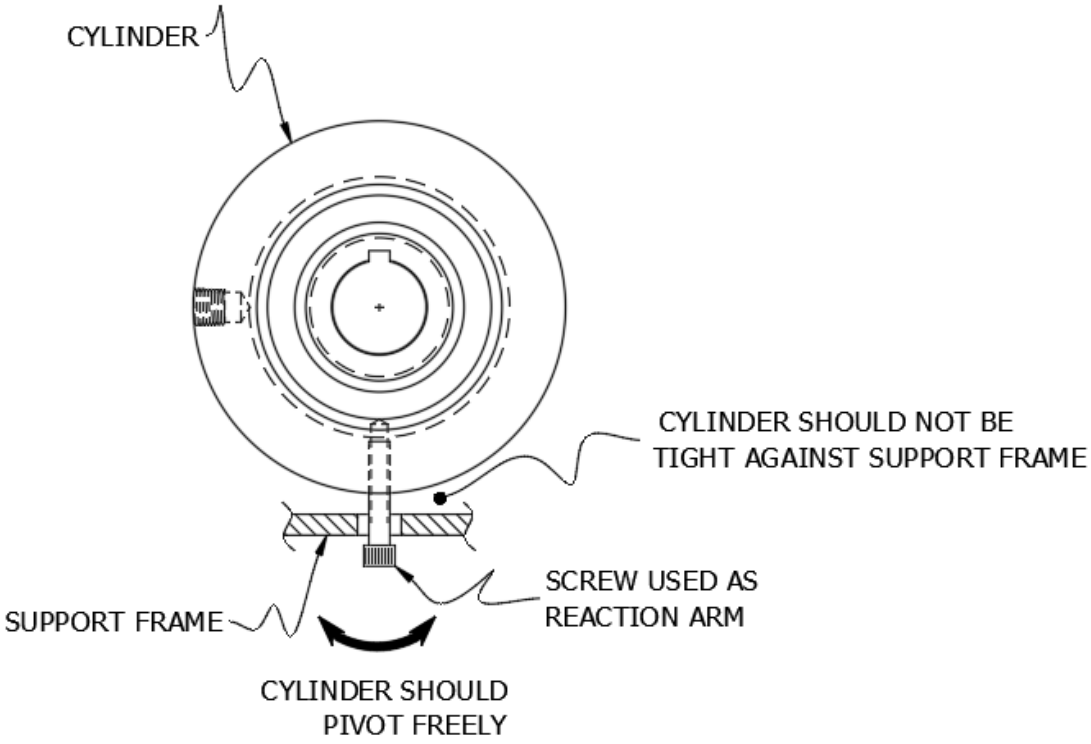
TECH SUPPORT, 3D MODELS, APPLICATION REVIEW AND SELECTION ASSISTANCE

Mach III Engineering: engineering@machiii.com
859-291-0849

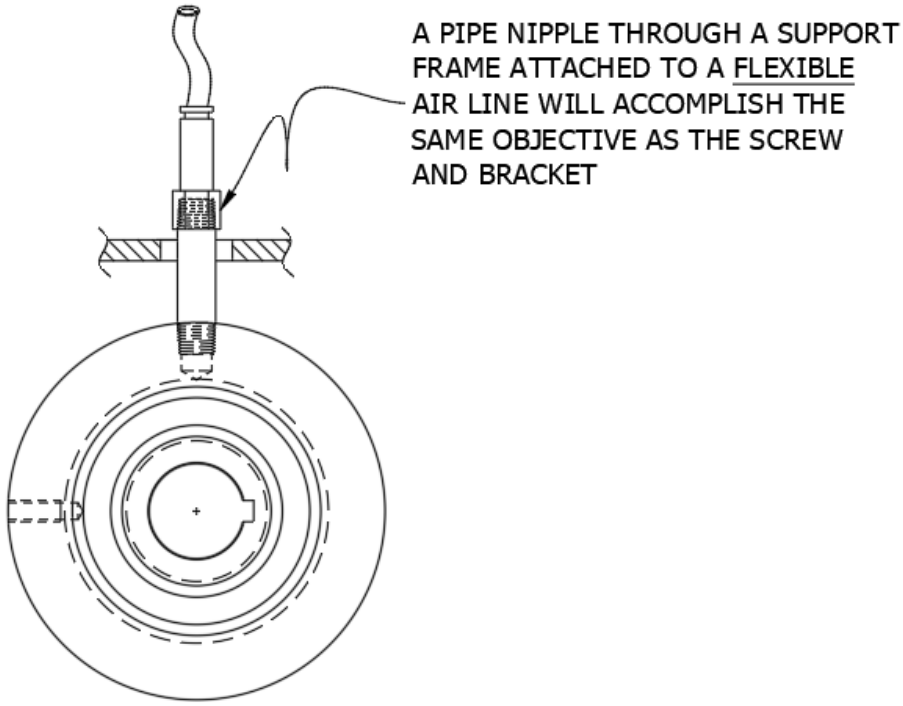
Mach III Clutch
1580 Lake Street
Elmira, NY 14901 USA
www.machiii.com
(859) 291-0849

THROUGH SHAFT MOUNT CLUTCHES

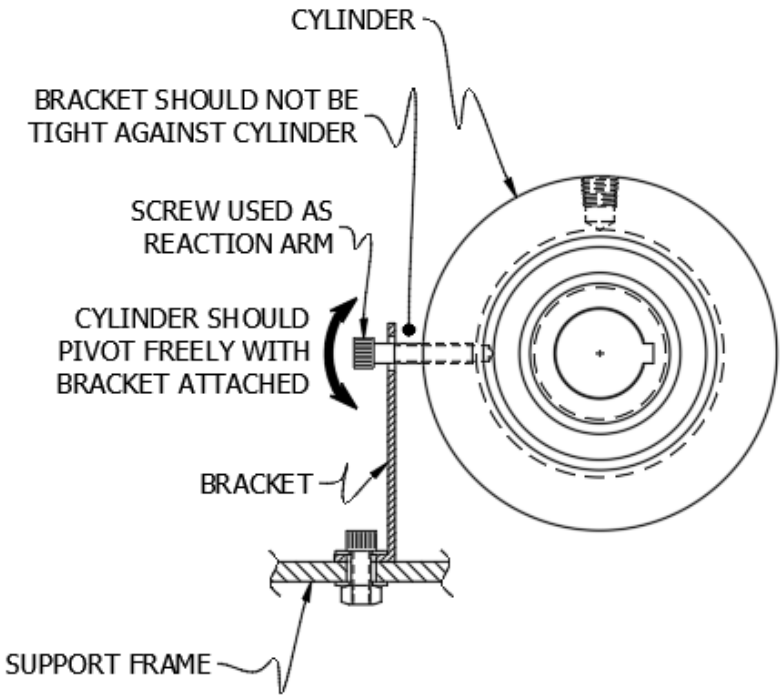
Option 1: Bolt Through Machine Frame



Option 2: Pipe Nipple Through Bracket or Machine Frame

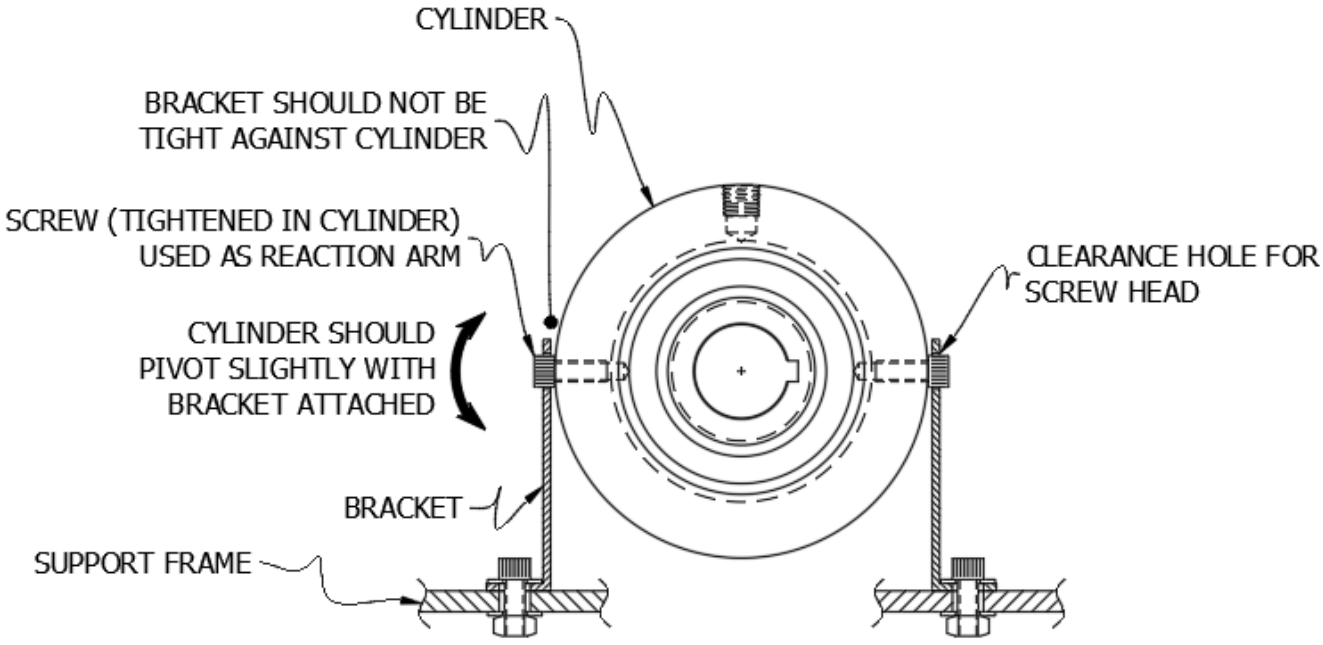


Option 3: Bolt Through Bracket Mounted to Machine Frame



COMBINATION AIR ENGAGED CLUTCH and SPRING ENGAGED BRAKE

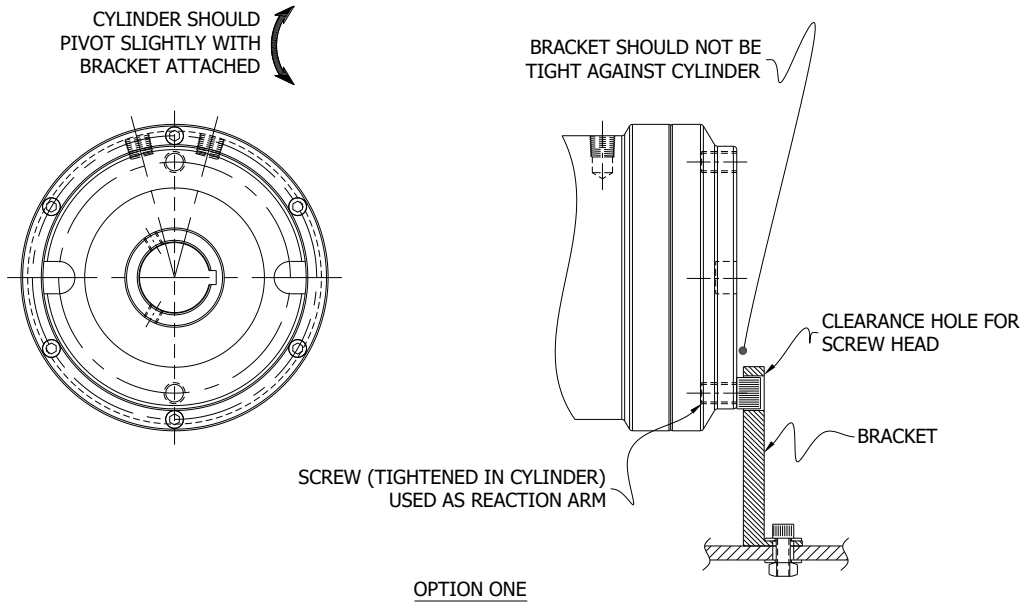
The anti-rotation arm performs the additional function of reacting the torque of the brake portion of the assembly in all combination clutch-brakes. Only ONE bracket is necessary, TWO is optimal.



COMBINATION AIR ENGAGED CLUTCH and AIR ENGAGED BRAKE

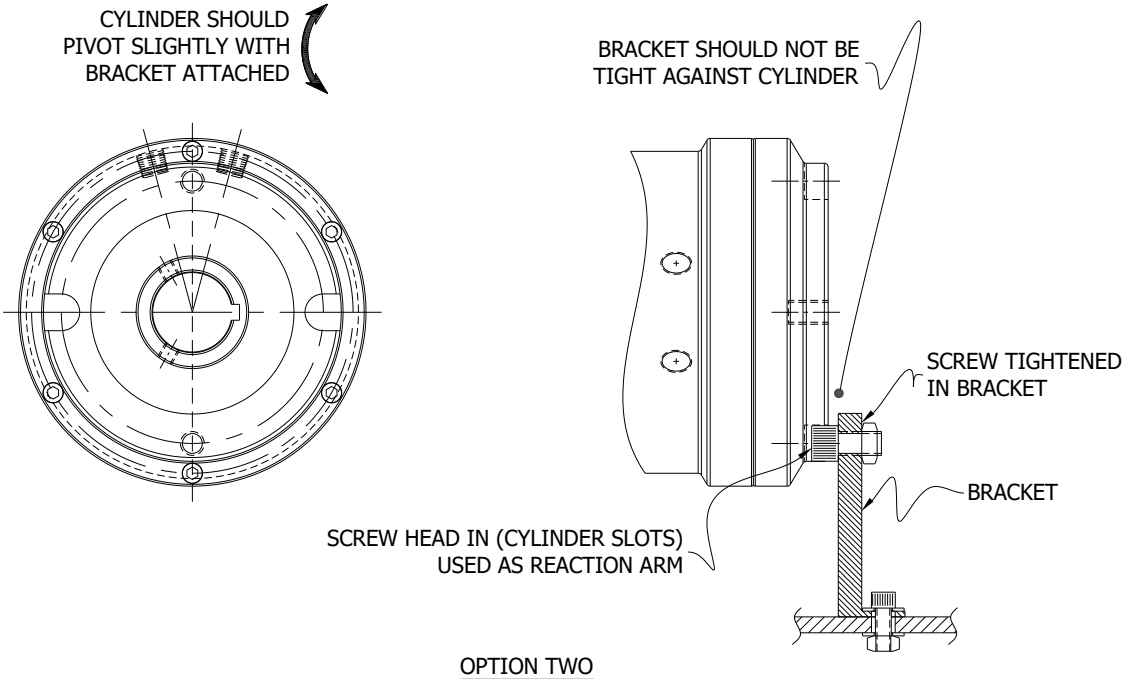
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Option 1: Screw Tightened in Cylinder, Screw Head Floating in Bracket



OPTION ONE

Option 2: Screw Tightened in Bracket, Screw Head Floating in Cylinder Slots



OPTION TWO