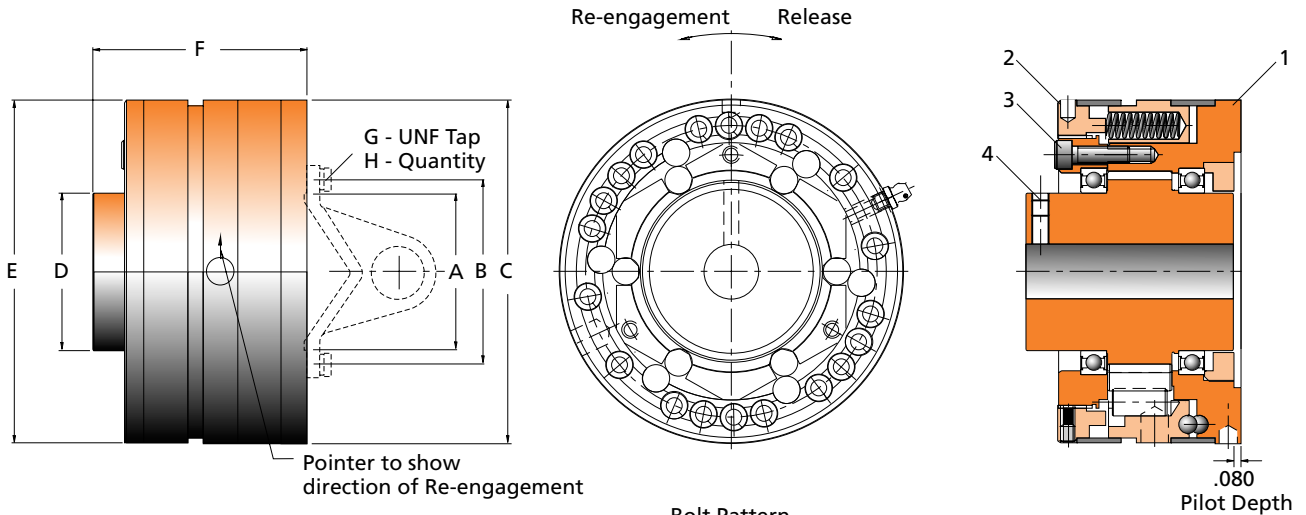


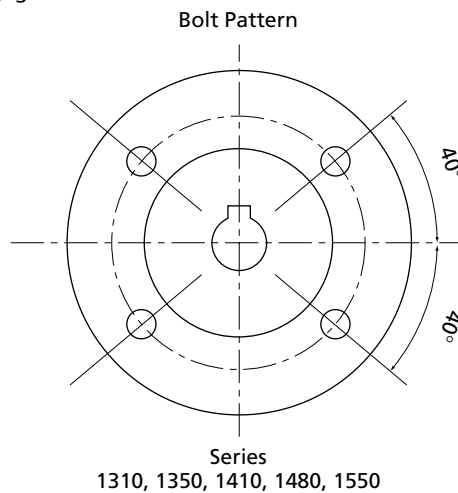
Brunel Torque Limiting Clutches

Type JFV PTO Drive Manual Reset



Technical Features

- Prevents Expensive Transmission Damage By Automatically Disengaging On Overload
- Simple Adjustment
- Easy Reset
- Flange Mates With Standard Series Universal Joints
- Maximum Speed 3000 rpm
- Grease Lubricated
- Release Torque Adjustable Up To 560 lb ft Maximum
- Fully Sealed Against The Environment Of A PTO Drive



Model	Release Torque		Max. Bore	Universal Joint Series	Dimensions in mm and inches								Weight kg lb
	Min Nm lb ft	Max Nm lb ft			Pilot Dia. A	Bolt Circle Dia. B	C	D	E	F	G	H	
JFV5	152	760	38	1110 or 1140	57.150 / 57.20	69.850	120	55	119.5	75	5/16 - 24	4	4.77 10.5
	112	560	1.50		60.325 / 60.378	79.775	4.72	2.16	4.70	2.95			
				1300 or 1310	2.375/2.377	3.125					3/8 - 24	4	
				69.850 / 69.900	85.725								
			1350 or 1410	2.750/2.752	3.750						7/16 - 20	4	

Installation

The hub is mounted on the drive shaft of the PTO using a push fit and key. When installing, do not hammer the flange face 1. Mount universal joint to flange using socket head screws.

Release Torque Setting

The clutch can be supplied set to your specified torque. To increase the setting, turn the adjusting nut 2 clockwise; to decrease, counterclockwise. Do not unscrew beyond the flush position where the zero marks coincide.

To Reset

When the clutch operates and disengages the drive, first locate and clear the cause of the overload. To reset, rotate the flange 1 to align the raised screw 3 in the housing with the set screw 4 in the hub. Hold the flange and, with a pry-bar, turn slightly in the direction of the arrow.

Maintenance

Clutches are grease-packed on assembly with a molybdenum disulphide base of grease. A grease fitting is provided for routine maintenance.