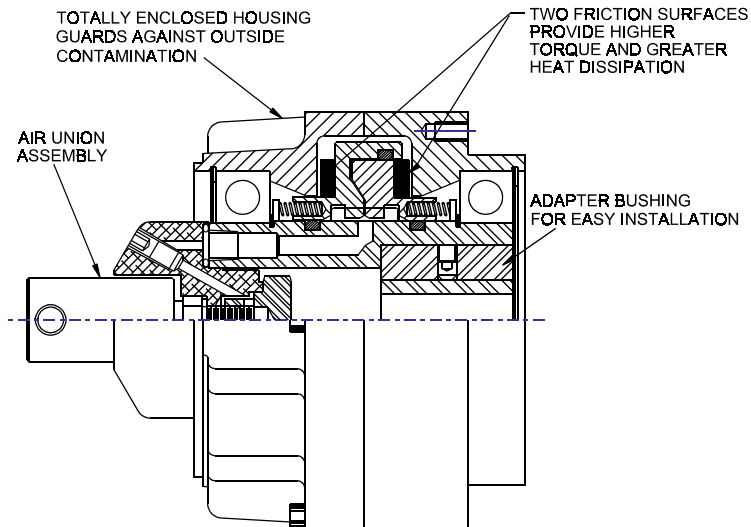


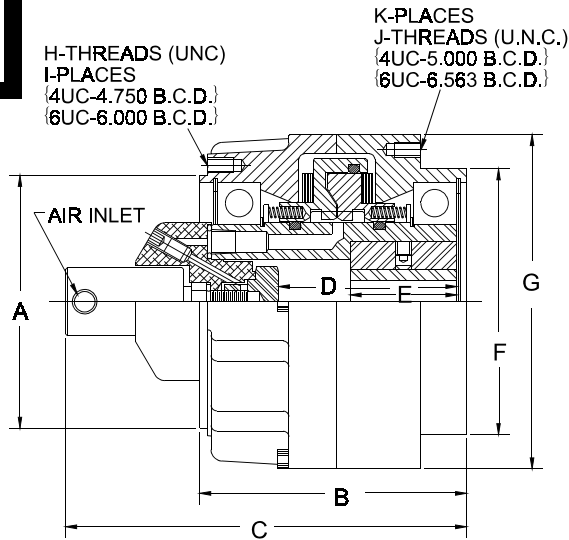
UC TOTALLY ENCLOSED END SHAFT MOUNTED AIR CLUTCHES



- **Totally enclosed housing**
- **Protection against outside contaminants**
- **Used in washdown applications**
 - **High torque ratings**
 - **Easy Bushing Installation**
 - **Greater heat dissipation**
 - **High RPM capabilities**

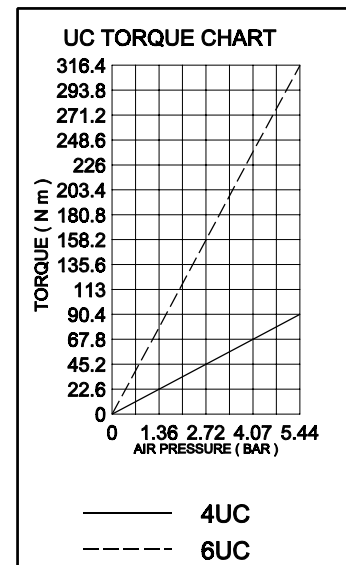
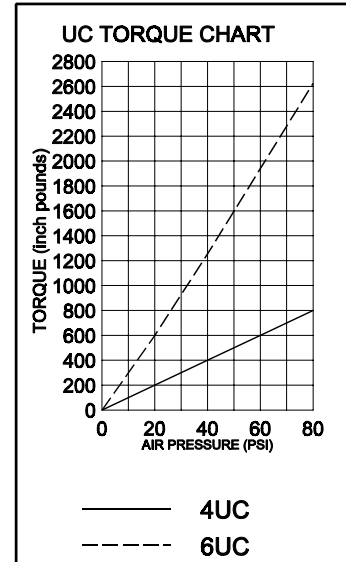
All UC products use O-rings as dynamic seals, therefore adequate lubrication must be provided in the actuating air circuit to ensure these O-rings do not run dry.

MODEL UC PM CLUTCH



ADAPTER BUSHING

UNIT	PART NUMBER	BORE INCHES (mm)	KEYWAY INCHES (mm)	AIR SUPPLY KIT
4UC	2617-3	1.125 (28.575)	1/4 X 1/8 (6.4 X 3.2)	2600
	2617-4	1.250 (31.750)		
	2617-5	1.375 (34.925)	5/16 X 5/32 (7.9 X 3.9)	
6 UC	2580-3	1.250 (31.750)	1/4 X 1/8 (6.4 X 3.2)	2341
	2580-5	1.500 (38.100)	3/8 X 3/16 (9.5 X 4.8)	
	2580-6	1.625 (41.275)		
	2580-8	1.875 (47.625)	1/2 X 1/4 (12.7 X 6.4)	



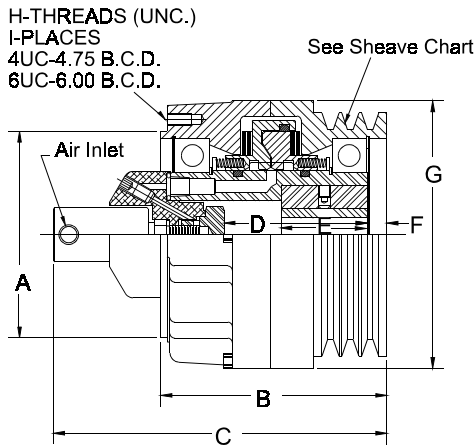
Rotating air unions with adapter (necessary for end shaft mounting) are available for both the 4UC and 6UC. Hub to shaft adapter bushings (see chart for sizes) are also available and make the clutch easy to install.

Dimensions shown are for general information only.
 Certified prints will be furnished upon request for design and installation purposes.

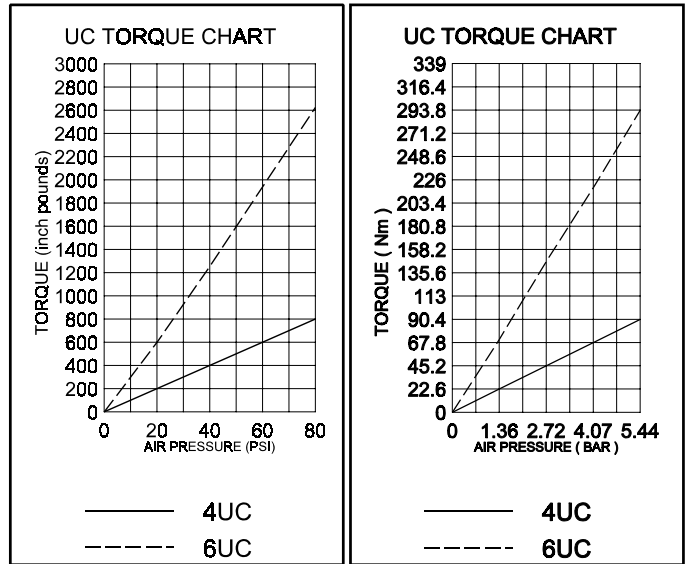
MODEL	A	B	C	D	E	F	G	H	I	J	K	INNER HUB (KgCm ²)	OUTER HOUSING (KgCm ²)	MAX. RPM	WT.	HP UP TO*
4UC	4.250 (107.950)	4 3/8 (111.125)	6 9/16 (166.700)	2 15/16 (74.610)	1 3/4 (44.450)	4.375 (111.125)	5 1/2 (139.70)	1/4-20	3	1/4-20	4	.15 (63.30)	.32 (135.04)	3,200	19 (8.63 Kg)	.75 (.560 Kw)
6UC	5.375 (136.525)	5 11/16 (144.463)	8 7/16 (214.313)	4 3/16 (106.350)	2 1/2 (63.50)	5.875 (149.225)	7 1/2 (190.50)	3/8-16	3	3/8-16	4	.48 (202.56)	1.26 (531.72)	2,400	41 (18.6 Kg)	1.5 (1.119Kw)

*Continuous thermal dissipation at 1750 RPM

MODEL UC IM CLUTCH



IM BACKPLATE SHEAVE



SHEAVE CONFIGURATION	PART NUMBER	OUTSIDE DIAMETER	PITCH DIAMETER	WEIGHT
4UC 3 GROOVE 3V	2614-1	5.0 (127.0)		18 (8.17Kg)
4UC 2 GROOVE A-B	2614-5		5.0(A) (127.0) 5.4(B) (137.2)	19 (8.63Kg)
6UC 3 GROOVE 5V	2574-3	7.1 (180.3)		39 (17.71Kg)
	2574-7	8.5 (215.9)		49 (22.25Kg)

UC SERIES REPAIR KITS

KIT CONTAINS - Springs, O-Rings, Torque Plate Assemblies with Lining

MODEL	PART NUMBER
4UCPM	4017-1
4UCIM	4017-1
4UCBK	4017-1
6UCPM	4017-2
6UCIM	4017-2
6UCBK	4017-2

UNIT	PART NUMBER	BORE INCHES (mm)	KEYWAY INCHES (mm)	AIR SUPPLY KIT
4UC	2617-3	1.125 (28.575)	1/4 X 1/8 (6.35 X 3.18)	2600
	2617-4	1.250 (31.750)		
	2617-5	1.375 (34.925)	5/16 X 5/32 (7.94 X 3.96)	
6 UC	2580-3	1.250 (31.750)	1/4 X 1/8 (6.35 X 3.18)	2341
	2580-5	1.500 (38.100)	3/8 X 3/16 (9.53 X 4.78)	
	2580-6	1.625 (41.275)		
	2580-8	1.875 (47.625)	1/2 X 1/4 (12.7 X 6.35)	

Dimensions shown are for general information only.
 Certified prints will be furnished upon request for design and installation purposes.

MODEL	A	B	C	D	E	F	G	H	I	WK ² (FT ² LBF)		MAX RPM	HP UP TO*
										INNER HUB (KgCm ²)	OUTER HOUSING (KgCm ²)		
4UC	4.250 (107.950)	4 5/8 (117.475)	6 3/4 (171.450)	3 5/32 (80.162)	1 3/4 (44.450)	5/16 (7.950)	5 1/2 (139.70)	1/4-20	3	.15 (63.30)	.38 (160.36)	3,200	.75 (.560 Kw)
6UC	5.375 (136.525)	5 29/32 (150.012)	8 21/32 (219.862)	4 3/16 (106.375)	2 1/2 (63.500)	15/16 (23.825)	7 1/2 (190.50)	3/8-16	3	.48 (202.56)	1.60 (675.20)	2,400	1.5 (1.119 Kw)

*Continuous thermal dissipation at 1750 RPM