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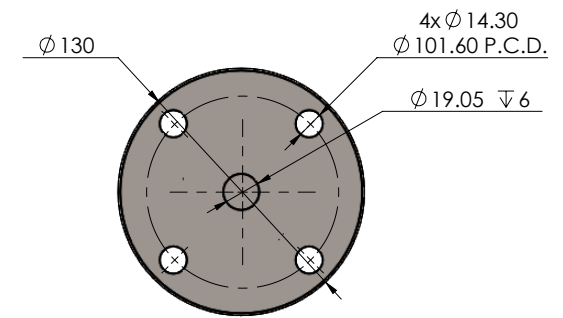
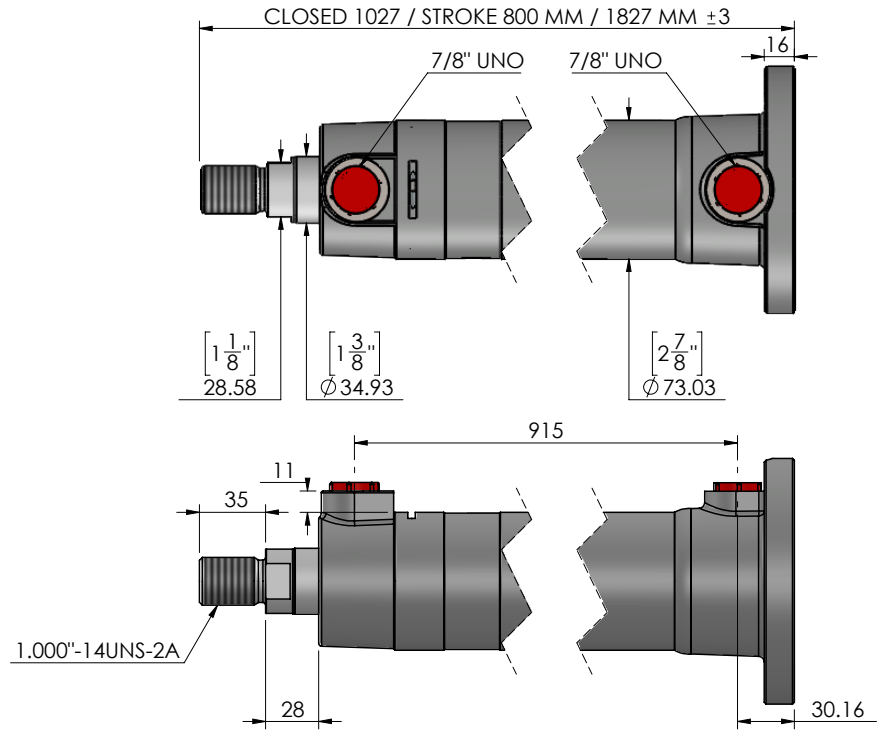
NOTE: PIN HOLE CLEARANCE MACHINED TO SUIT ANSI B4.2 D9/h9
 PORT THREADS MACHINED TO ISO11926-1 OTHER THREADS MACHINED TO CLASS 2A/B
 GENERAL DIMENSIONS SUIT ISO2768-mK UNLESS OTHERWISE STATED
 GENERAL SURFACE MACHINING TO ISO1302
 FORCE CALCULATIONS ARE THEORETICAL MAXIMUM. ALLOW UP TO 20% FOR LOSSES
 ROD MOUNTING CONDITIONS AFFECT ROD BUCKLING SAFETY FACTOR

OPERATING CONDITIONS

MAX PRESSURE	210 BAR
PUSH FORCE @ 210 BAR	6647 Kg
PULL FORCE @ 210 BAR	4636 Kg
FLUID	HYDRAULIC OIL VG46

CYLINDER FACTOR OF SAFETY AT 210 BAR

STRESS AREA	SAFETY FACTOR	COMMENT
PISTON PULL OFF	2.30:1	
ROD MOUNT PULL OFF	4.95:1	
ROD BUCKLE	3.7:1	AT MAX EXTENSION
BASE MOUNT	3.60:1	
ROD MOUNT	4.68:1	
BARREL	3.75:1	HOOP STRESS



CYLINDER SPECIFICATIONS

	1	2	3	4
CLOSED	1027 MM	PORTS	7/8" UNO	
STROKE	800 MM	BARREL	2.5" TUBE 0.1875" WALL	
OPEN	1827 MM	HEAD CAP	R10123	
STAND OUT	28 MM	ROD CAP	455118FCC	
ROD	1.375" - K1045	WEIGHT	19.3 Kg	
BORE	2.50"	PAINTING	REFER TO QUOTE	

CLIENT SIGNATURE			
APPROVAL DATE			
B		SHEET SIZE	A4
A		SCALE	1:4
0		SHEET OF	1/1
REV	DATE	DRAWN CHECKED	REMARK



CFC 25

DESCRIPTION	
CFC 2.50"BORE X 0800MM STROKE X 1-3/8"ROD-7/8UNO	
PART NO.	DWG NO.
CFH250800AB137	CFH250800AB137DIM