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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

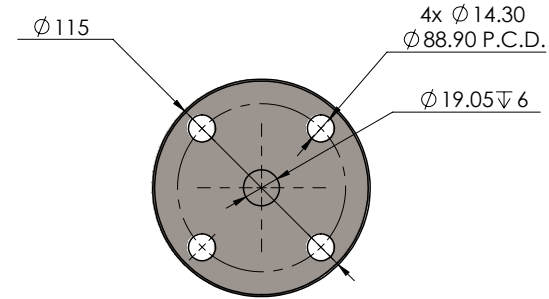
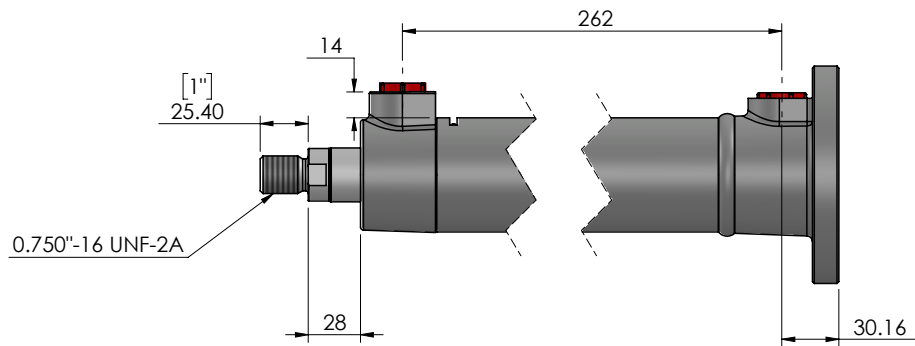
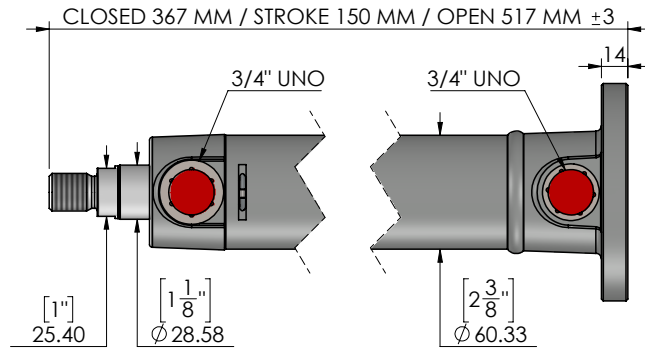
FORCE CALCULATIONS ARE THEORETICAL MAXIMUM. ALLOW UP TO 20% FOR LOSSES  
ROD MOUNTING CONDITIONS AFFECT ROD BUCKLING SAFETY FACTOR

### OPERATING CONDITIONS

MAX PRESSURE	210 BAR
PUSH FORCE @ 210 BAR	4254 Kg
PULL FORCE @ 210 BAR	2908 Kg
FLUID	HYDRAULIC OIL VG46

### CYLINDER FACTOR OF SAFETY AT 210 BAR

STRESS AREA	SAFETY FACTOR	COMMENT
PISTON PULL OFF	2.51:1	
ROD MOUNT PULL OFF	3.21:1	
ROD BUCKLE	8.2:1	AT MAX EXTENSION
BASE MOUNT	4.50:1	
ROD MOUNT	5.85:1	
BARREL	4.69:1	HOOP STRESS



### CYLINDER SPECIFICATIONS

CLOSED	367 MM	PORTS	3/4" UNO
STROKE	150 MM	BARREL	2" TUBE 0.1875" WALL
OPEN	517 MM	HEAD CAP	R10121
STAND OUT	28 MM	ROD CAP	R10069A
ROD	1.125" - K1045	WEIGHT	5.4 Kg
BORE	2.00"	PAINTING	REFER TO QUOTE

CLIENT SIGNATURE

APPROVAL DATE

B

A

0

REV

DATE

DRAWN CHECKED

REMARK

SHEET SIZE

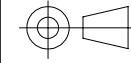
A4

SCALE

1:4

SHEET OF

1/1



CFC 20

DESCRIPTION

CFC 2.0" BORE X 0150MM STROKE X 1-1/8" ROD-3/4" UNO

PART NO.

CFC200150AA112

DWG NO.

CFC200150AA112DIM