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NOTE: PIN HOLE CLEARANCE MACHINED TO SUIT ANSI B4.2 D9/h9

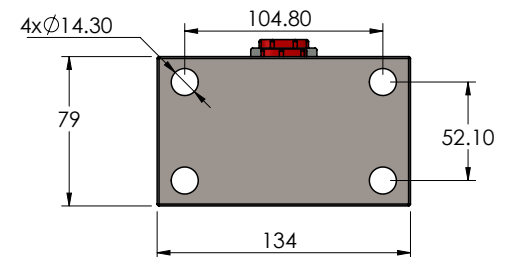
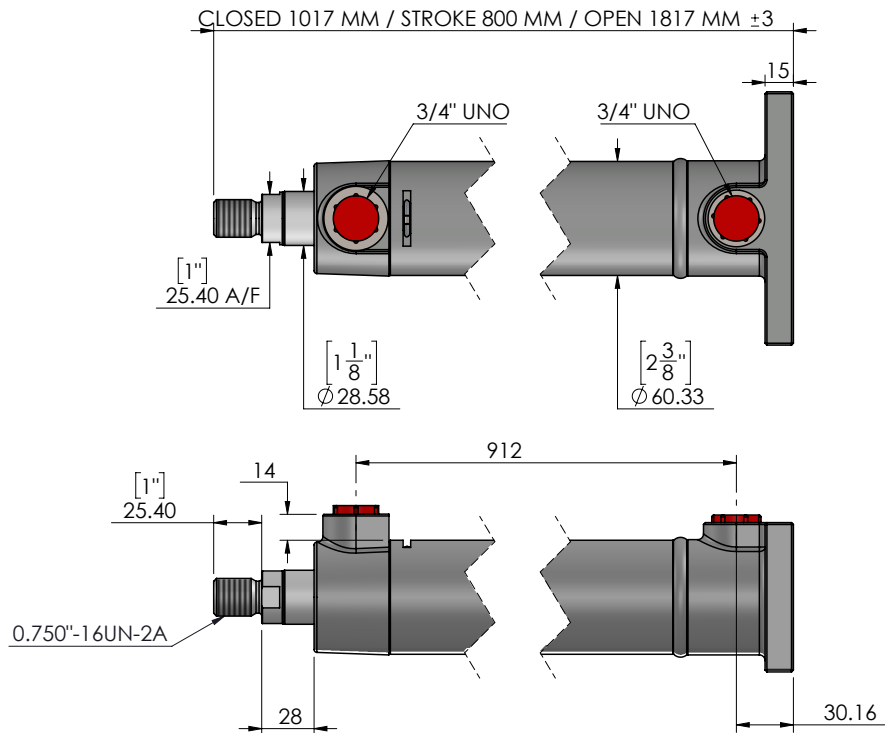
PORT THREADS MACHINED TO ISO11926-1 OTHER THREADS MACHINED TO CLASS 2A/B  
GENERAL DIMENSIONS SUIT ISO2768-mK UNLESS OTHERWISE STATED  
GENERAL SURFACE MACHINING TO ISO1302  
FORCE CALCULATIONS ARE THEORETICAL MAXIMUM. ALLOW UP TO 20% FOR LOSSES  
ROD MOUNTING CONDITIONS AFFECT ROD BUCKLING SAFETY FACTOR

### 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	3.0:1	AT MAX EXTENSION
BASE MOUNT	4.50:1	
ROD MOUNT	5.85:1	
BARREL	4.69:1	HOOP STRESS



### CYLINDER SPECIFICATIONS

CLOSED	1017 MM	PORTS	3/4" UNO
STROKE	800 MM	BARREL	2 3/8" TUBE 3/16" WALL
OPEN	1817 MM	HEAD CAP	R10085
STAND OUT	28 MM	ROD CAP	R10069A
ROD	1.125" - K1045	WEIGHT	14 Kg
BORE	2.00"	PAINTING	REFER TO QUOTE

CLIENT SIGNATURE

APPROVAL DATE

B

A

0

REV

09/10/2018

DATE

MJSTONE

DRAWN CHECKED

REMARK

SHEET SIZE

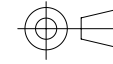
A4

SCALE

1:4

SHEET OF

1/1



RFC 20

DESCRIPTION

RFC 2.0" BORE X 0800MM STROKE X 1-1/8" ROD-3/4" UNO

PART NO.

RFC200800AA112

DWG NO.

RFC200800AA112DIM