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

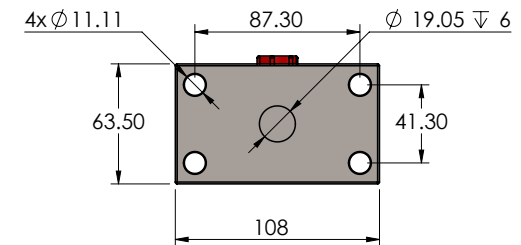
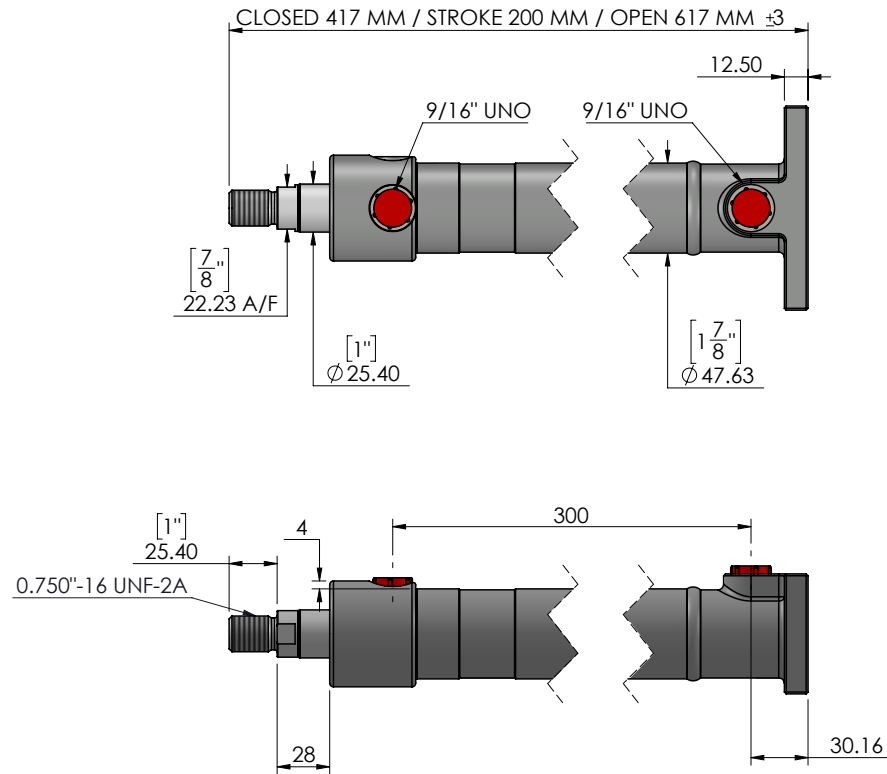
PORT THREADS MACHINED TO ISO11926-1 OTHER THREADS MACHINED TO CLASS 2A/B
GENERAL DIMENSIONS SUIT ISO2768-mK UNLESS OTHERWISE STATED
GENERAL SURFACE MACHINING TO ISO1302
FORCE CALCULATIONS ARE THEORETICAL MAXIMUM. ALLOW UP TO 20% FOR LOSSES
ROD MOUNTING CONDITIONS AFFECT ROD BUCKLING SAFETY FACTOR

OPERATING CONDITIONS

MAX PRESSURE	210 BAR
PUSH FORCE @ 210 BAR	2393 Kg
PULL FORCE @ 210 BAR	1329 Kg
FLUID	HYDRAULIC OIL VG46


CYLINDER FACTOR OF SAFETY AT 210 BAR

STRESS AREA	SAFETY FACTOR	COMMENT
PISTON PULL OFF	4.46:1	
ROD MOUNT PULL OFF	5.71:1	
ROD BUCKLE	10.6:1	AT MAX EXTENSION
BASE MOUNT	6:1	
ROD MOUNT	4.27:1	
BARREL	6.25:1	HOOP STRESS



CYLINDER SPECIFICATIONS

CLOSED	417 MM	PORTS	9/16" UNO
STROKE	200 MM	BARREL	1 7/8" TUBE 3/16" WALL
OPEN	617 MM	HEAD CAP	R10084
STAND OUT	28 MM	ROD CAP	FC0015401002
ROD	1.00" - K1045	WEIGHT	5.0 Kg
BORE	1.50"	PAINTING	REFER TO QUOTE

CLIENT SIGNATURE						RFC 15	
APPROVAL DATE							
B				SHEET SIZE	A4	DESCRIPTION RFC 1.5"x0200MM STROKEx1.000" 9/16UNO	
A				SCALE	1:4		
0	15/10/2018	MJSTONE		SHEET OF 1/1			
REV	DATE	DRAWN / CHECKED	REMARK				