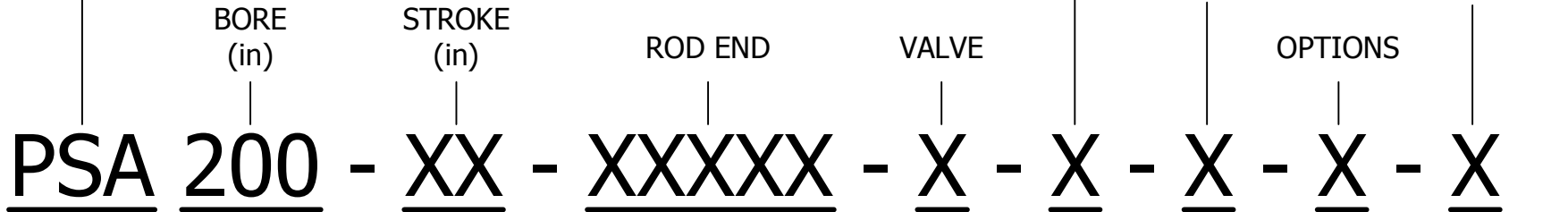


PNEUMATIC SERVO ACTUATOR



2.00 = 200

3.00 = 03
4.00 = 04
6.00 = 06
8.00 = 08
10.00 = 10
12.00 = 12
18.00 = 18

7/16-20 X 0.75 Male = 07MH
1/2-20 X 0.6 Female = 08F
1/2-20 X 0.75 Male = 08M
1/2-20 X 1.00 Male = 08ML
1/2-20 X 0.75 Male w/ Hex = 08MH
M12x1.25-6g X 1.00 Male = M12MH

IP67 (Design) = 1

Standard Flow/3 Position = 0
Standard Flow/3 Position/High Pressure (250 psi) = 1
Low Flow/3 Position = 2

CAN2.0B = C
I/O INDEXER = I
PLC = L
I/O POSITIONER = P
RS232 = R
DeviceNet = D
Profibus = P
Ethernet = E
Sercos = S


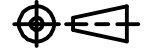
None = 0
Bronze Rod Bushing (no rod seal or rod wiper) = Z
High Pressure (250 psi) = H

Front Trunnion Vertical (wrt valve) **CONSULT FACTORY** = FTV
Rear Trunnion Vertical (wrt valve) **CONSULT FACTORY** = RTV

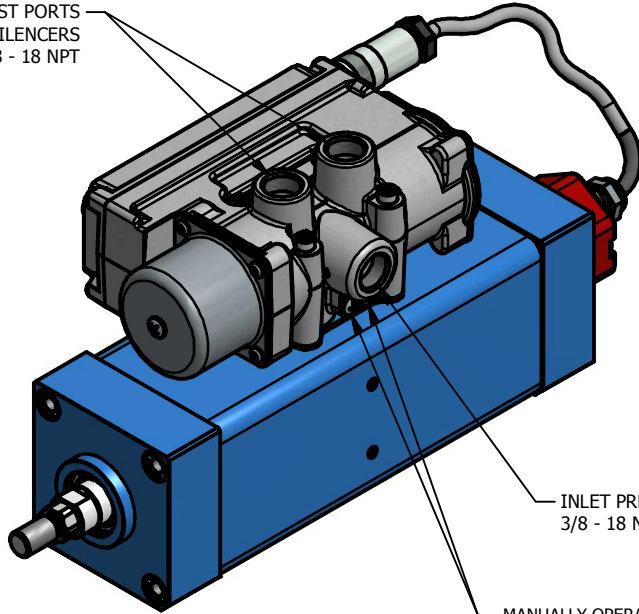
Base cylinder (no mount) = 0
Left (side) Mount = LM (inch) or LMM (metric)
Bottom Mount = BM (inch) or BMM (metric)
Right (side) Mount = RM (inch) or RMM (metric)
Front Trunnion (horizontal wrt valve) = FT
Rear Trunnion (horizontal wrt valve) = RT
Detachable Head Clevis = DHC
Detachable Head Eye = DHE
Consult Factory For Other Mounting Options

MOUNTING OPTIONS SOLD AS ACCESSORIES

Rectangular Flange Front cap = 200RFF
Rectangular Flange Back cap = 200RFB
Right Angle foot Mount = 200RAM
tie rod Extensions Front cap = 200EF
tie rod Extensions Back cap = 200EB
tie rod Extensions Front and Back cap = 200EFB

SPEC.	DESCRIPTION	Property of SUNSTREAM SCIENTIFIC INCORPORATED Not to be used, disclosed, or copied without written consent. To be returned with all copies upon completion of authorized use.			
		DRAWN BY:	DATE:		
		PPE	03/20/13		
		APPROVED BY:	DATE:		
		MKK	03/20/13		
SPECIFICATION NOTES:		SCALE:	UNITS:		
		N/A	in		
DRAWING PER ASME Y14.5N-1994		SIZE:	TITLE:		
DO NOT SCALE DRAWING:		A	2.00" BORE PSA		
		SHEET:	DRAWING NUMBER:	REVISION:	
<small>TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 2 PLACES (0.00) +/-0.010 3 PLACES (0.000) +/-0.005 ANGLE +/-2 DEGREES</small>		1 OF 6	PSA200-XX-XXXXX-X-X-X-X-X	5	

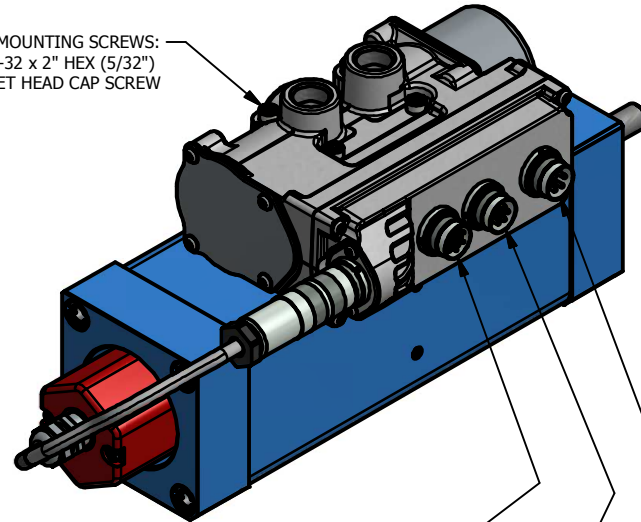
EXHAUST PORTS
FOR MUFFLERS/SILENCERS
3/8 - 18 NPT



INLET PRESSURE PORT
3/8 - 18 NPT

MANUALLY OPERATED VENTS
PHILLIPS


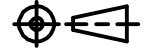
4X VALVE MOUNTING SCREWS:
SS 10-32 x 2" HEX (5/32")
SOCKET HEAD CAP SCREW

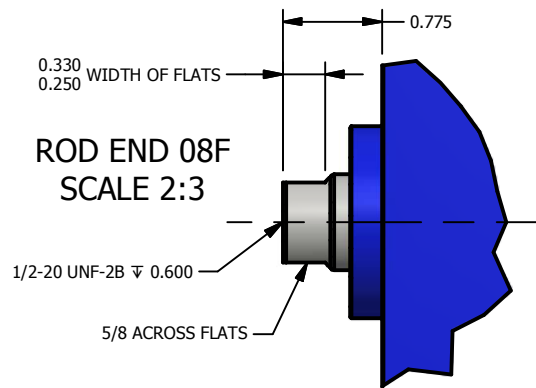


E3: ELECTRICAL CONNECTION FOR COMMUNICATION:
CAN2.0B "C": 6-PIN MALE M16 CIRCULAR CONNECTOR
I/O INDEXER "I": 14-PIN MALE M16 CIRCULAR CONNECTOR
PLC "L": 14-PIN MALE M16 CIRCULAR CONNECTOR
I/O POSITIONER "P": 14-PIN MALE M16 CIRCULAR CONNECTOR
RS232 "R": BLANK PLUG

E2: ELECTRICAL CONNECTION FOR PROGRAMMING:
RS232: 6-PIN MALE M16 CIRCULAR CONNECTOR

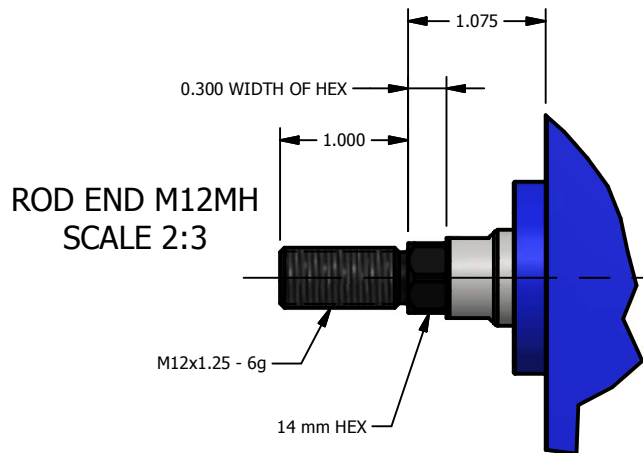
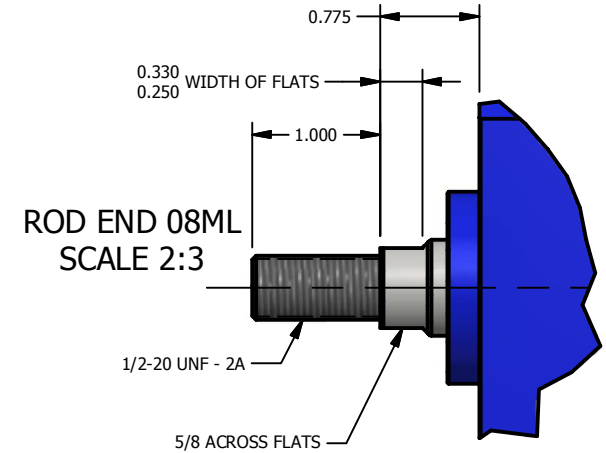
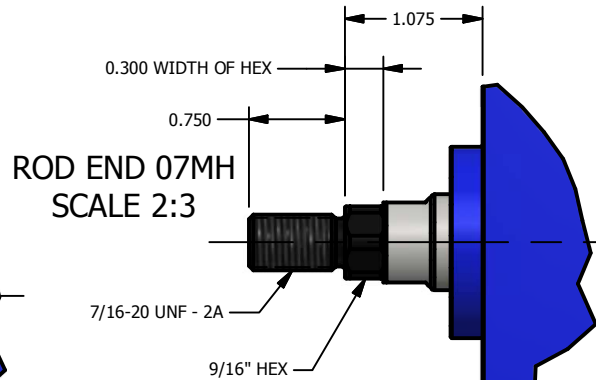
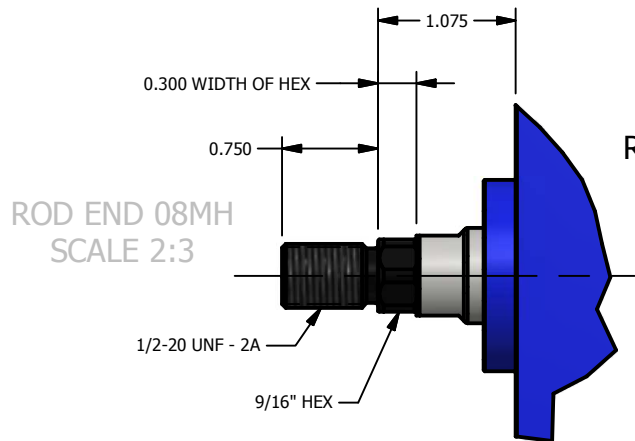
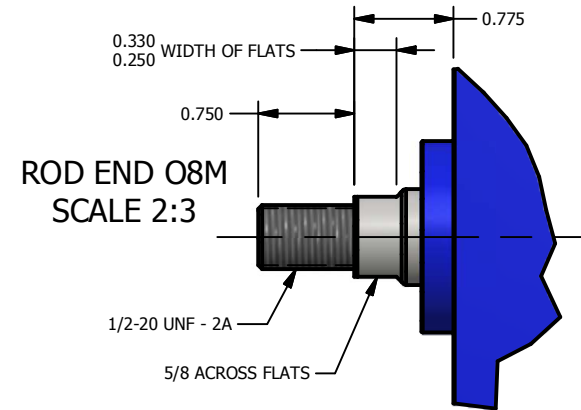
E1: ELECTRICAL CONNECTION FOR POWER:
24 VDC POWER SUPPLY: 4-PIN MALE M16 CIRCULAR CONNECTOR

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		PPE	SEE PAGE 1		
		APPROVED BY:	DATE:		
		MKK	SEE PAGE 1		
SPECIFICATION NOTES:		SCALE:	UNITS:		
		1:3	in		
DRAWING PER ASME Y14.5N-1994		DO NOT SCALE DRAWING:	SIZE:	TITLE:	
			A	2.00" BORE PSA	
 THIRD ANGLE PROJECTION		TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 2 PLACES (0.00) +/-0.010 3 PLACES (0.000) +/-0.005 ANGLE +/-2 DEGREES		SHEET:	DRAWING NUMBER:
		3 OF 6		PSA200-XX-XXXXX-X-X-X-X-0	REVISION:
					5



ROD END
PSA 200 - XX - XXXXX - X - X - X - X - X

- 7/16-20 X 0.75 Male = 07MH
- 1/2-20 X 0.6 Female = 08F
- 1/2-20 X 0.75 Male = 08M
- 1/2-20 X 1.00 Male = 08ML
- 1/2-20 X 0.75 Male W/ Hex = 08MH
- M12x1.25-6g X 1.00 Male = M12MH




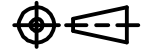
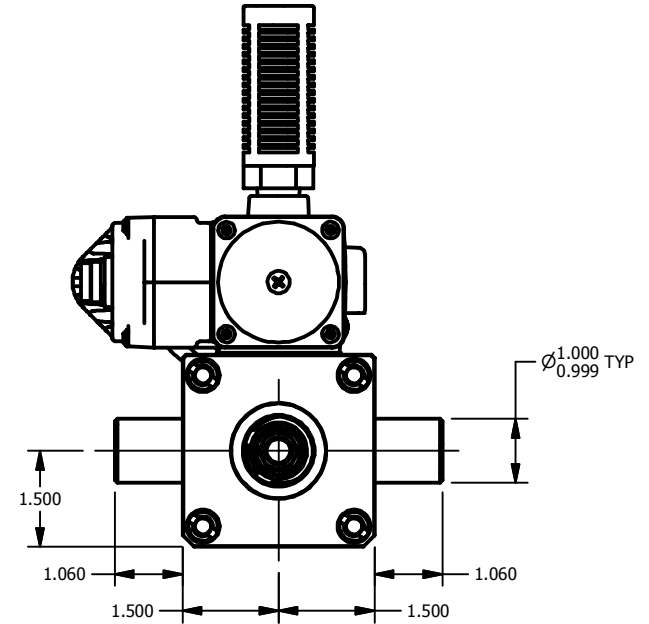
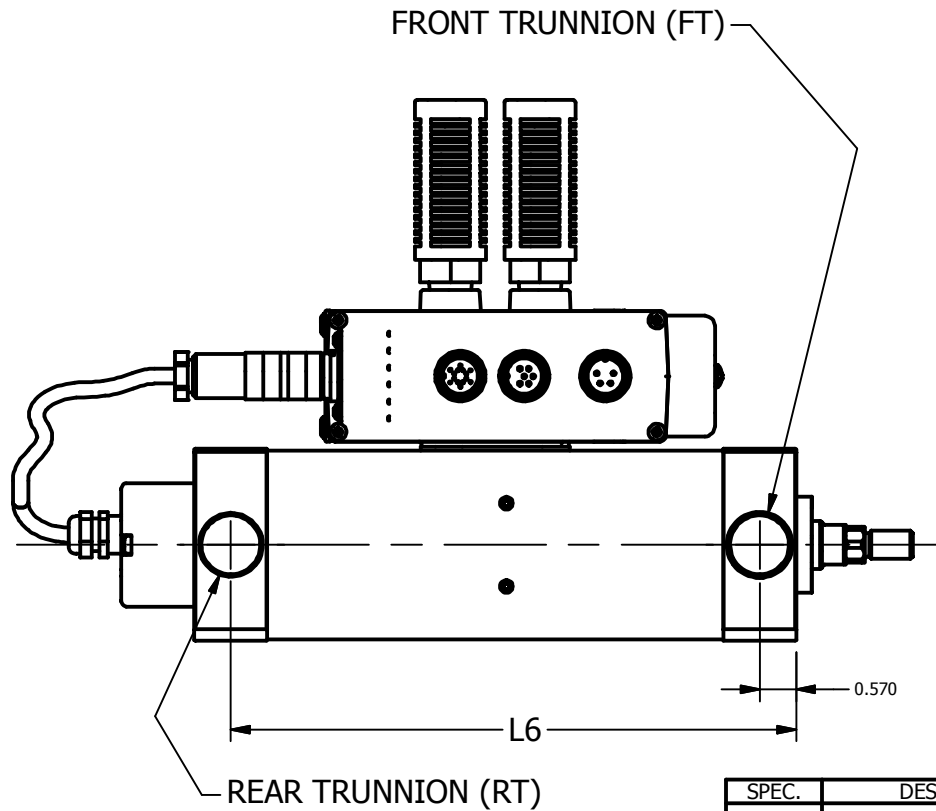

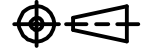
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		PPE	SEE PAGE 1		
		APPROVED BY:	DATE:		
		MKK	SEE PAGE 1		
SPECIFICATION NOTES:		SCALE:	UNITS:		
DRAWING PER ASME Y14.5N-1994		DO NOT SCALE DRAWING:	SIZE:	TITLE:	
		TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 2 PLACES (0.00) +/-0.010 3 PLACES (0.000) +/-0.005 ANGLE +/-2 DEGREES		SHEET:	DRAWING NUMBER:
		4 OF 6	PSA200-XX-XXXXX-X-X-X-X-X	REVISION:	5

Table		
P/N	STROKE = STK	L6 = STK + 5.83
PSA200-03-XXXXX-X-X-X-X-XT	3.00	8.83
PSA200-04-XXXXX-X-X-X-X-XT	4.00	9.83
PSA200-06-XXXXX-X-X-X-X-XT	6.00	11.83
PSA200-08-XXXXX-X-X-X-X-XT	8.00	13.83
PSA200-10-XXXXX-X-X-X-X-XT	10.00	15.83
PSA200-12-XXXXX-X-X-X-X-XT	12.00	17.83
PSA200-18-XXXXX-X-X-X-X-XT	18.00	23.83



NOTES:
CONSULT FACTORY FOR FTV (FRONT TRUNNION VERTICAL) AND RTV (REAR TRUNNION VERTICAL) OPTIONS

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		APPROVED BY: MKK	DATE: SEE PAGE 1	
		SCALE: 1:3	UNITS: in	
SPECIFICATION NOTES:		SIZE: A	TITLE: 2.00" BORE PSA	
DRAWING PER ASME Y14.5N-1994	DO NOT SCALE DRAWING:	SHEET: 6 OF 6	DRAWING NUMBER: PSA200-XX-XXXXX-X-X-X-X-XT	REVISION: 5
 THIRD ANGLE PROJECTION		TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 2 PLACES (0.00) +/-0.010 3 PLACES (0.000) +/-0.005 ANGLE +/-2 DEGREES		