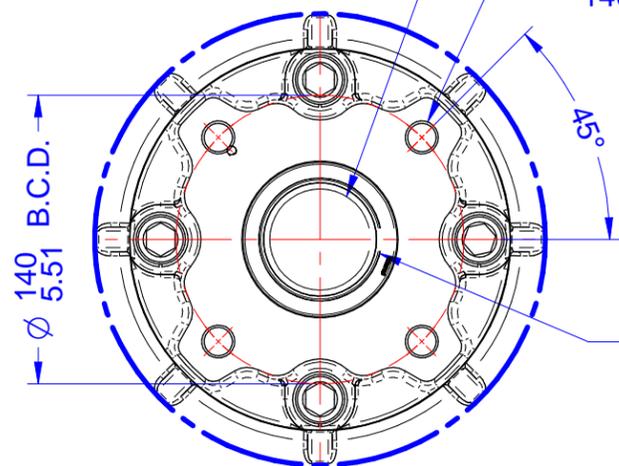


REMOVE STEM NUT FROM BASE FOR MACHINING REFERENCE DIA. - Ø89mm REFERENCE LENGTH - 97mm

ISO5211 F14 BASE  
4 HOLES TAPPED  
M16 X 2.0P - 24mm DEPTH  
EQUI-SPACED ON  
140mm/5.512" B.C.D.

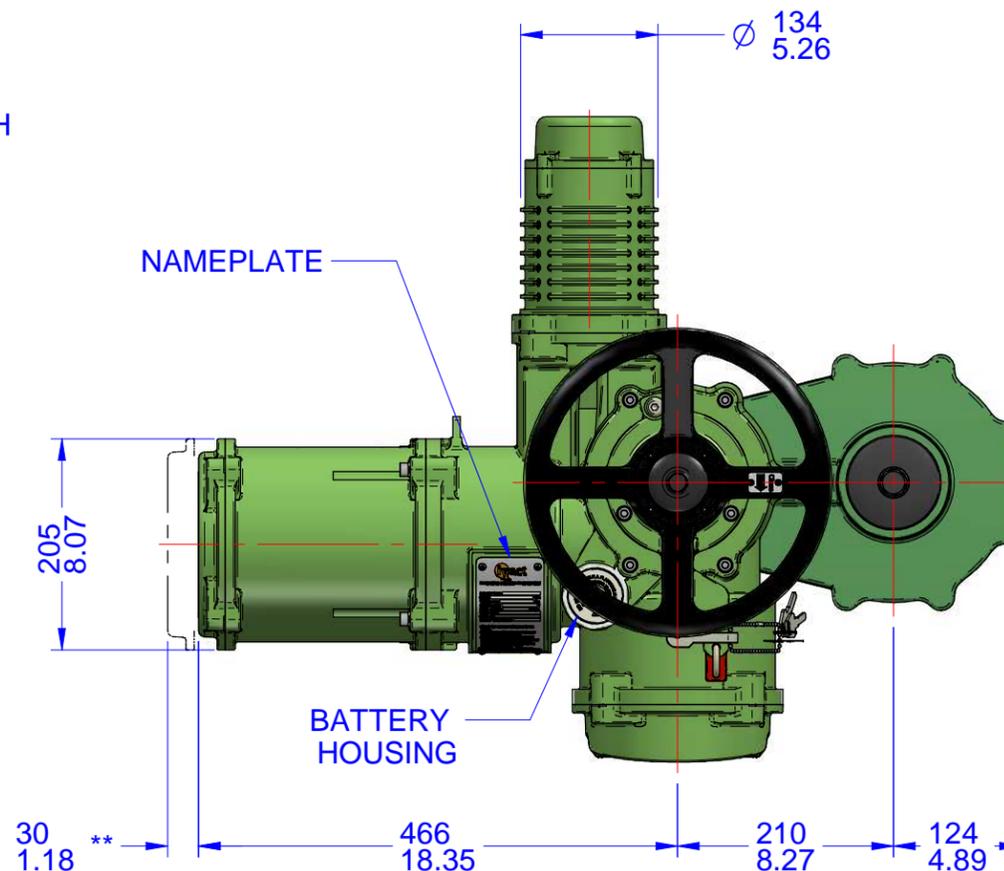
MAX STEM ACCEPTANCE  
Ø55mm / Ø2.17"



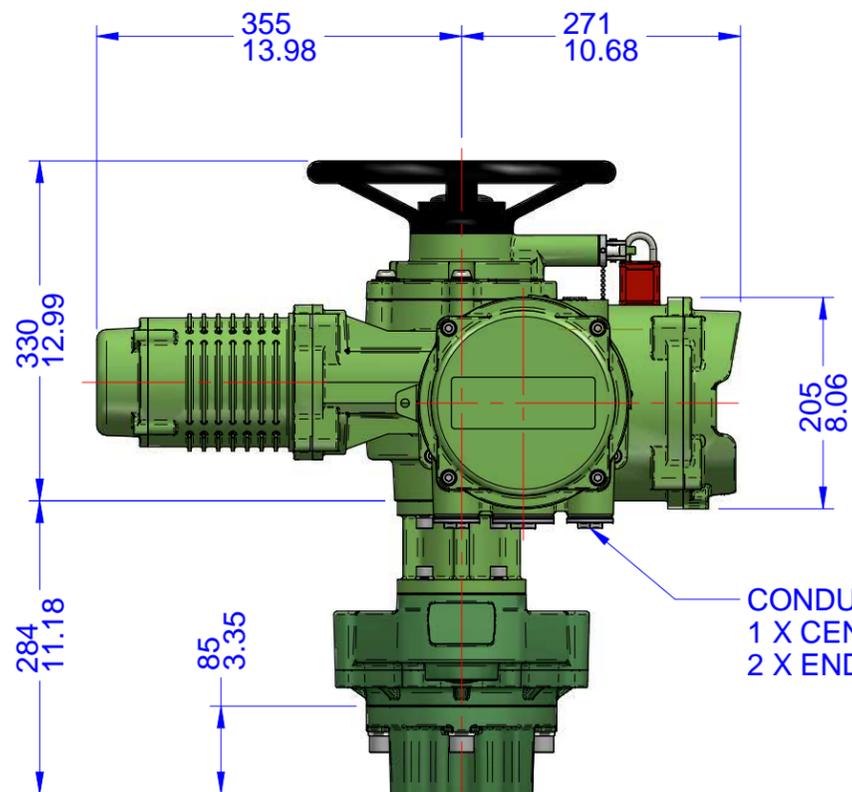
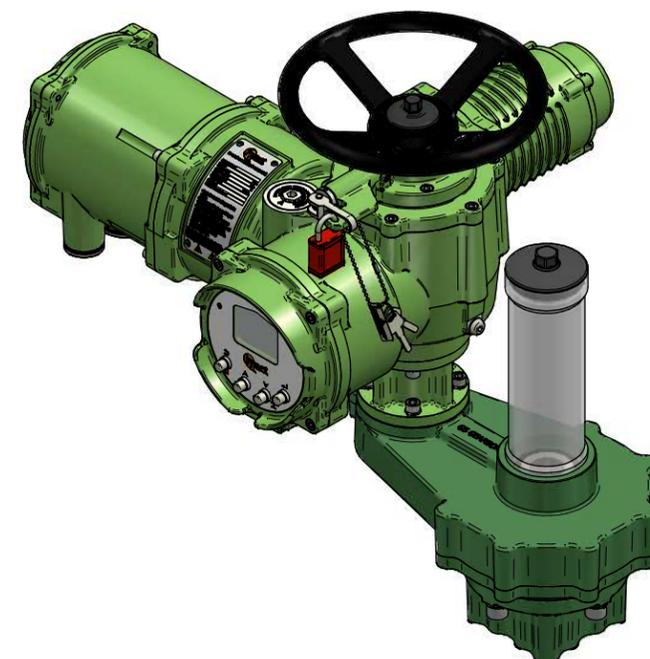
BASE DETAILS  
VIEW ON ARROW 'A'

NAMEPLATE

BATTERY HOUSING



Actuator Performance Data				
Voltage	Max Torque	RPM	Running Current	Motor Power
220-1-60	289 lbs.ft.	20-60	7.2 Amps	735 Watts

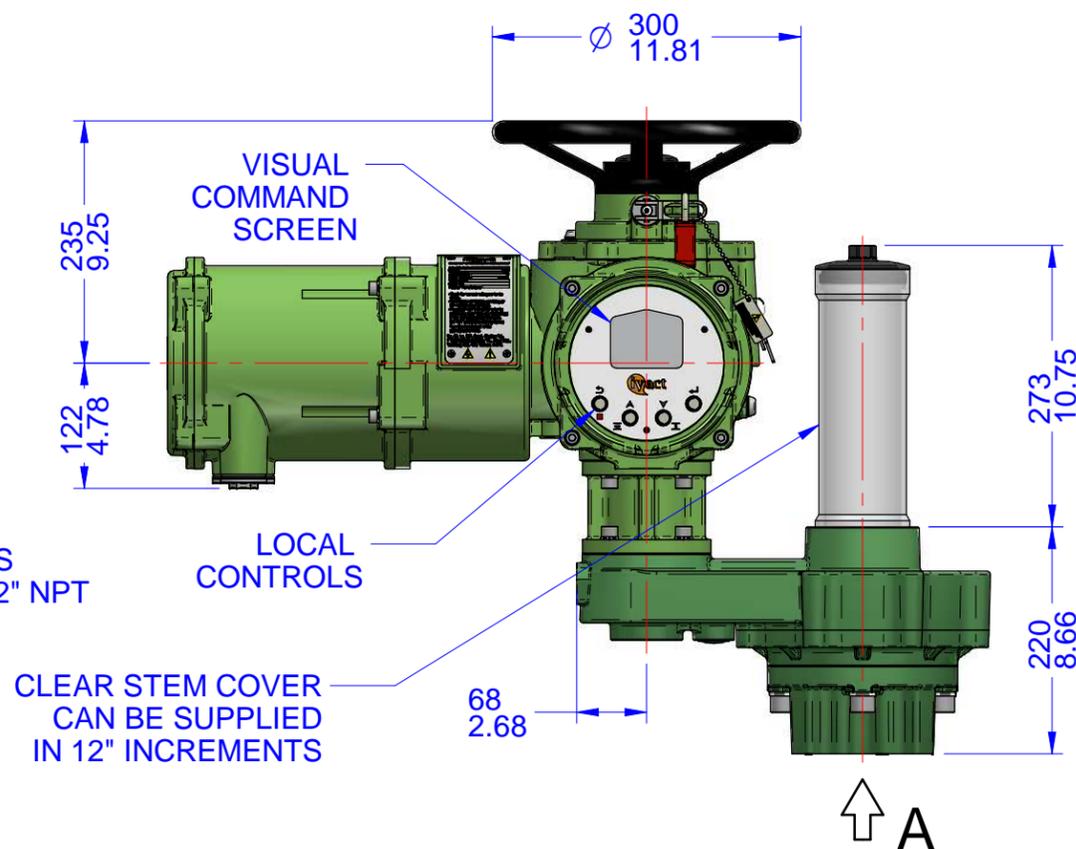


CONDUIT ENTRIES  
1 X CENTER - 1-1/2" NPT  
2 X ENDS - 1" NPT

VISUAL COMMAND SCREEN

LOCAL CONTROLS

CLEAR STEM COVER CAN BE SUPPLIED IN 12" INCREMENTS



Notes:

- 1) All dimensions are in mm/INCHES.
- 2) Actuator shown is in the fully clockwise closed position.
- 3) Enclosure - Watertight CSA Nema 4X.
- 4) \*\* Designates cover removal allowance.
- 5) Actuator Weight: 176 lbs / 80 KG.
- 6) The interface provided for mounting the actuator or second stage gearbox onto the valve should conform to good engineering practices, ensuring adequately toleranced limits for parallelism, perpendicularity and concentricity.



Innovative Actuation Incorporated

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TITLE:

**Dimensional Drawing for ivact Model  
iVM-2CW0 Electric Actuator with SG202R  
Spur Gear (For Rising Stems)**

DOC. NO.:

IV-2117

DATE:

March 31/2020

DRAWING NO.:

**iVM-2CW0/SG202R**