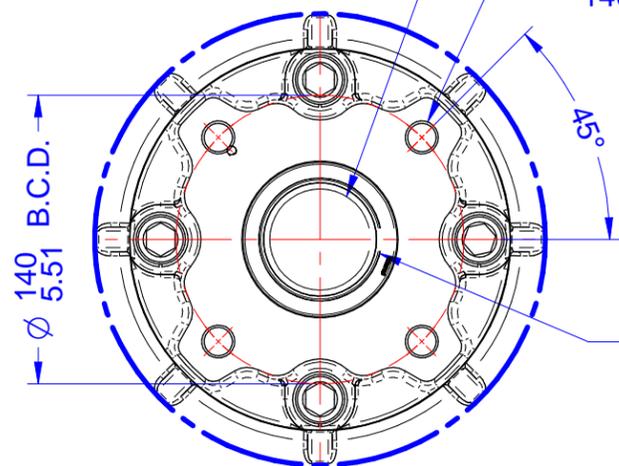


REMOVE STEM NUT FROM BASE FOR MACHINING REFERENCE DIA. -  $\varnothing 89\text{mm}$  REFERENCE LENGTH - 97mm

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

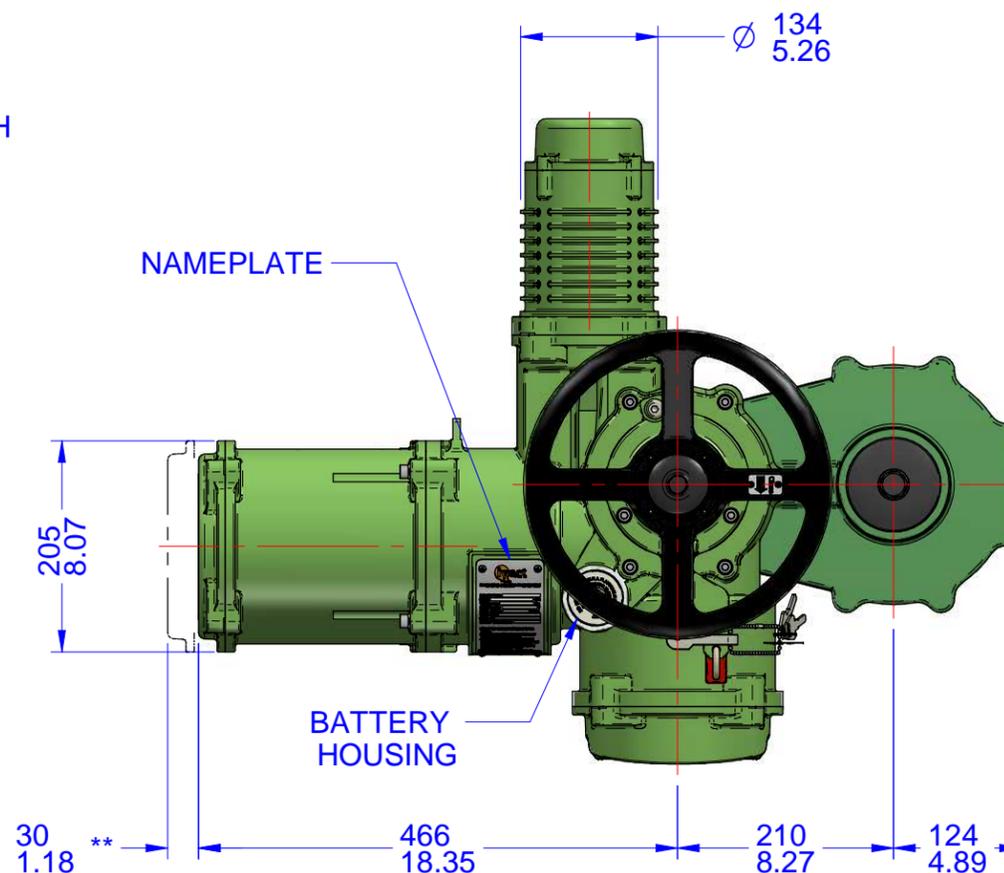
MAX STEM ACCEPTANCE  
 $\varnothing 55\text{mm} / \varnothing 2.17"$



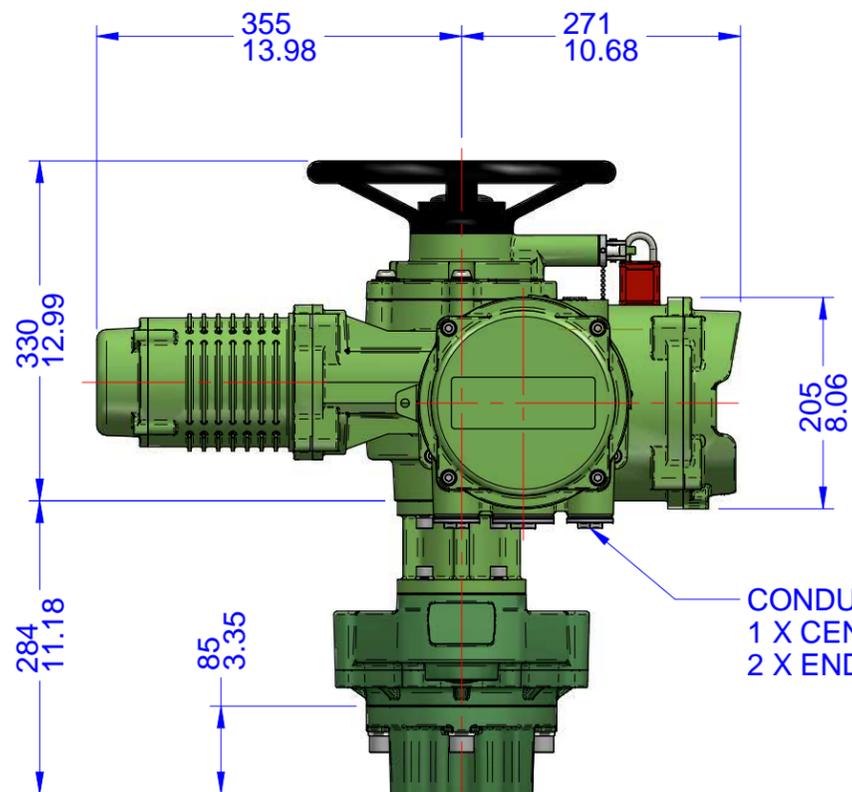
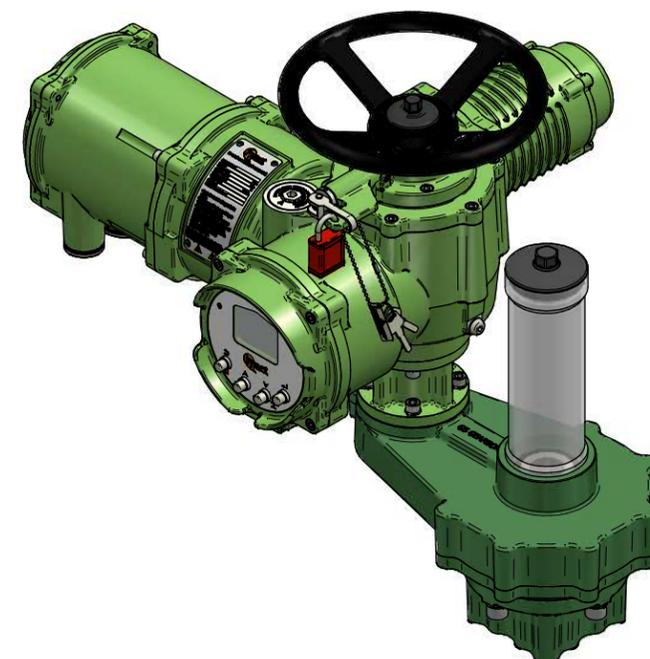
BASE DETAILS  
VIEW ON ARROW 'A'

NAMEPLATE

BATTERY HOUSING



Actuator Performance Data				
Voltage	Max Torque	RPM	Running Current	Motor Power
220-1-60	200 lbs.ft.	30-90	7.1 Amps	735 Watts

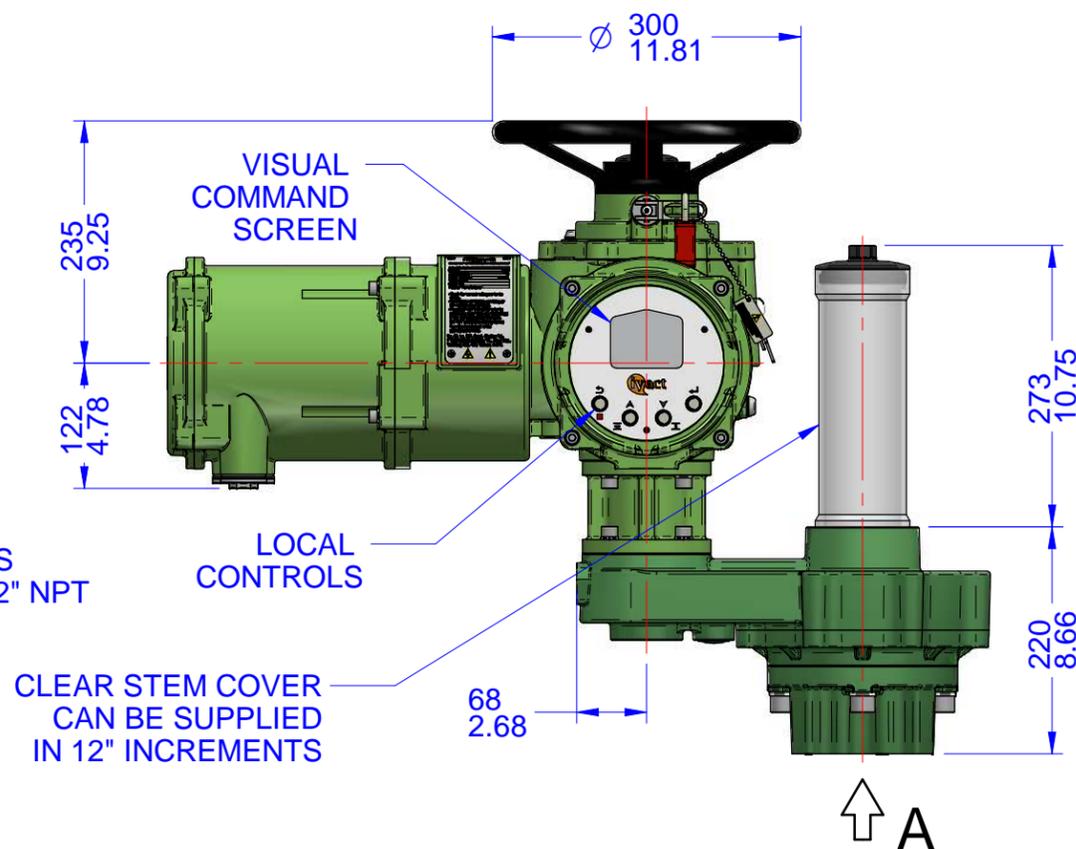


CONDUIT ENTRIES  
1 X CENTER - 1-1/2" NPT  
2 X ENDS - 1" NPT

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-2BW0 Electric Actuator with SG202R  
Spur Gear (For Rising Stems)**

DOC. NO.:

IV-2116

DATE:

March 31/2020

DRAWING NO.:

**iVM-2BW0/SG202R**