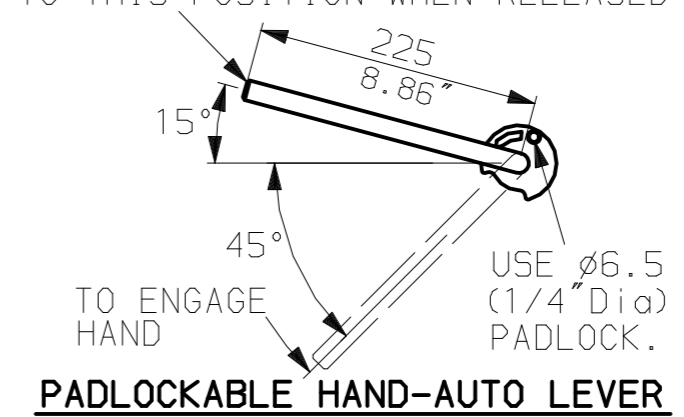
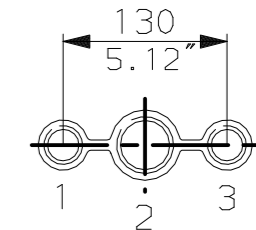


LEVER POSITION IN AUTO.  
LEVER AUTOMATICALLY RETURNS  
TO THIS POSITION WHEN RELEASED

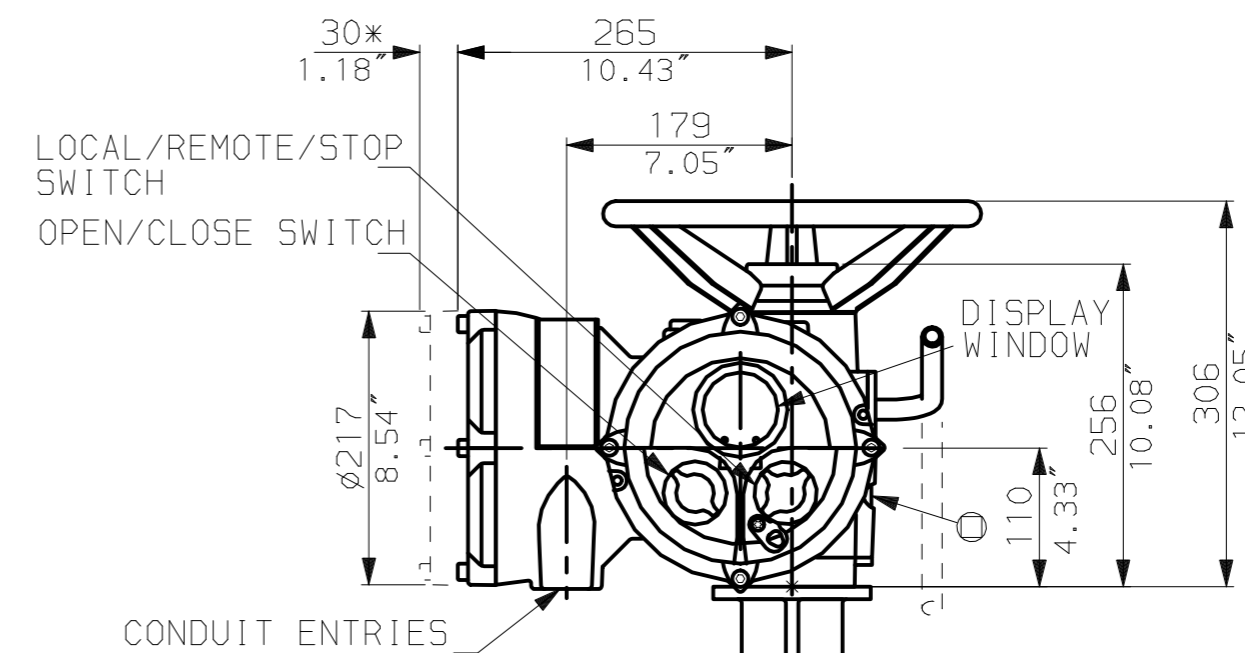
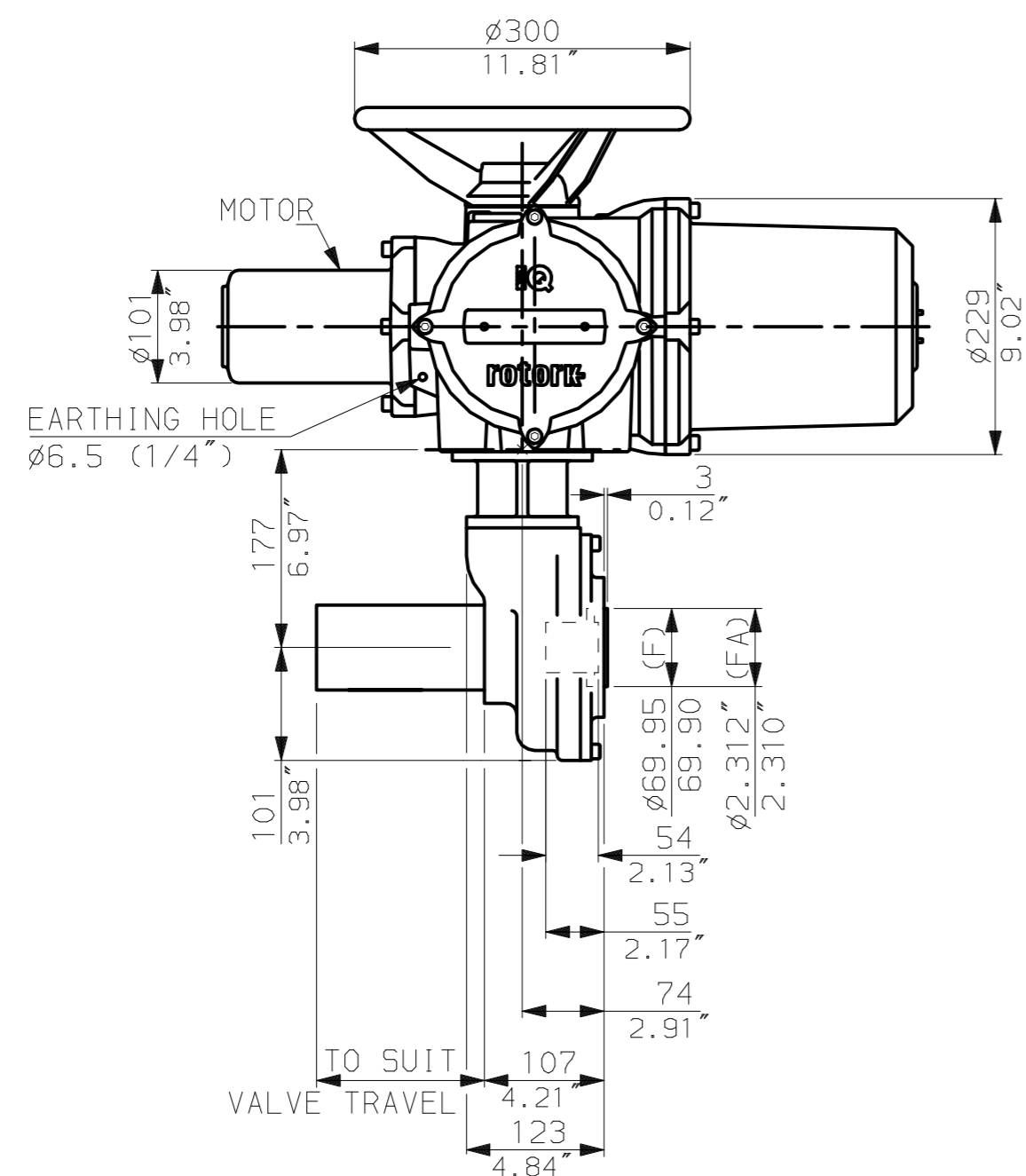


NOTES:  
: DIMENSIONS WITH '\*' INDICATE COVER REMOVAL ALLOWANCE  
: NETT WEIGHT = 48kg (106lbs)  
:  $\phi$  = OIL FILLER/DRAIN PLUG  
: THE INTERFACE PROVIDED FOR MOUNTING THE ACTUATOR OR SECOND STAGE GEARBOX ONTO THE VALVE SHOULD CONFORM TO GOOD ENGINEERING PRACTICES, ENSURING ADEQUATELY TOLERANCED LIMITS FOR PARALLELISM, PERPENDICULARITY AND CONCENTRICITY.

**CONDUIT ENTRIES** (N.T.S)



Nos.1 & 3 TAPPED 1" NPT  
No.2 TAPPED 1 1/2" NPT  
STD ALTERNATIVES IF SPECIFIED  
2 X M25, 1 X M40  
2 X PG16, 1 X PG29

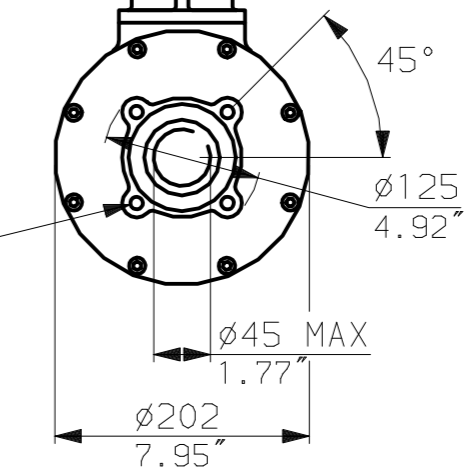


**"F" version**

4 HOLES TAPPED M10x15 DP  
EQUI-SPACED ON A 102 PCD  
(IS05210 F10)

**"FA" version**

4 HOLES TAPPED 3/8" UNC  
x0.6" dp EQUI-SPACED ON A  
4" PCD (MSS SP102-FA10)

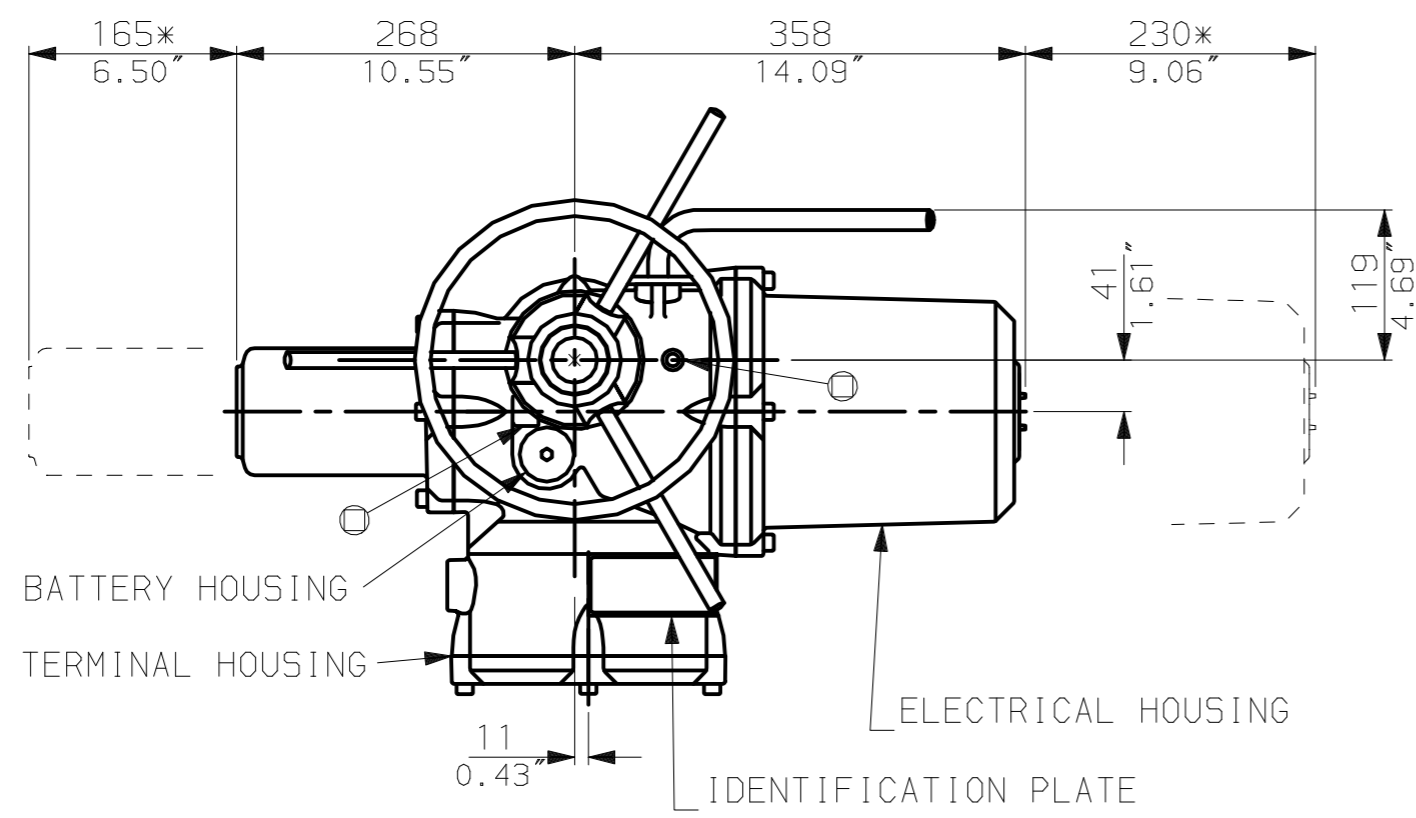


**rotork**  
www.rotork.com

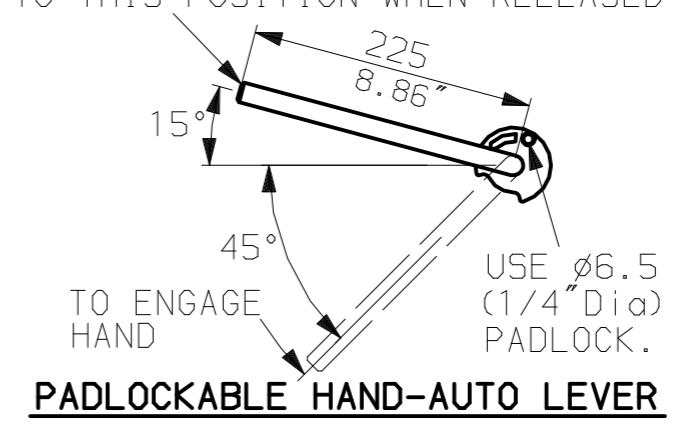
Rotork Controls Ltd.  
Bath England, BA1 3JQ.  
(Phone 01225-733200)  
Rotork Controls Inc.  
Rochester, NY 14624  
(Phone 585-328-1550)

Title IQ10, 12, 18, (+IQM10, 12+IQS12), THW, IB4,		
STANDARD DIMENSIONAL DATA		
Drawn CAD	Checked PRE	Ref Data Sheet
Date 150605	Job No <b>IQ1THW_IB4</b>	

02	4.69" corrected from 6.50"
01	First Issue.
Scale	1:6 THIRD ANGLE PROJECTION
Drawing Number	<b>IQ1THW_IB4</b>

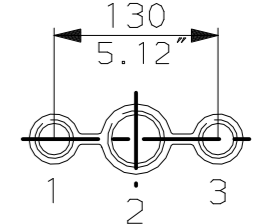


LEVER POSITION IN AUTO.  
LEVER AUTOMATICALLY RETURNS  
TO THIS POSITION WHEN RELEASED

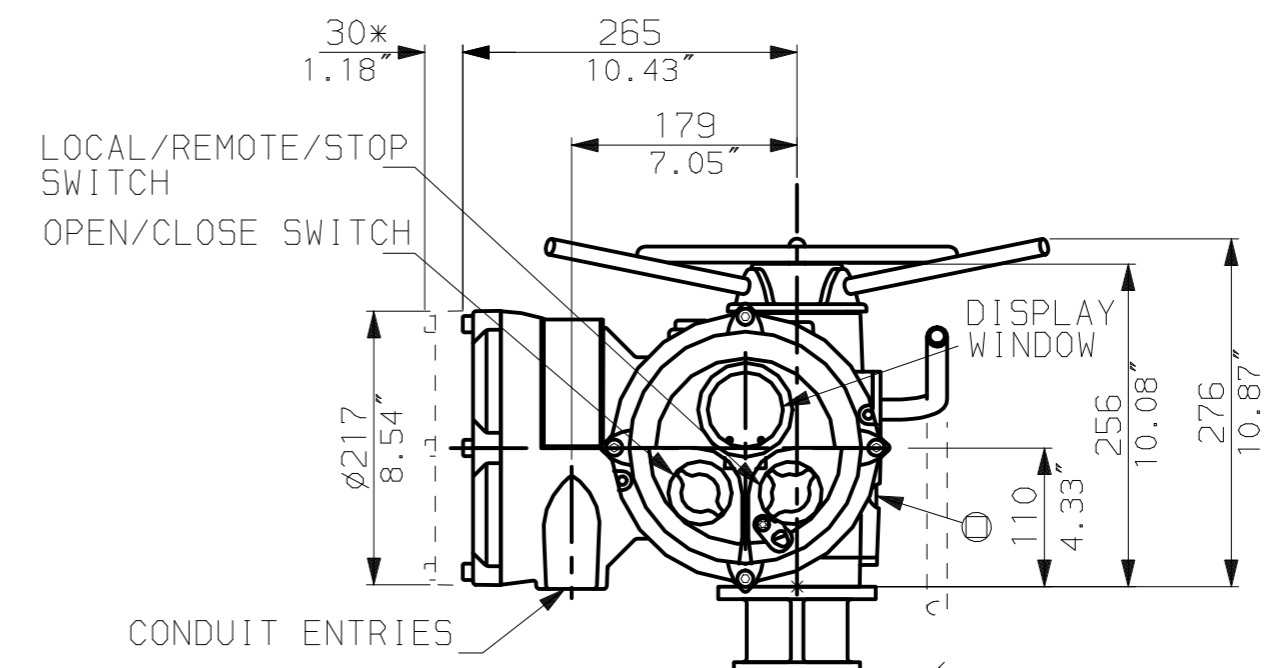
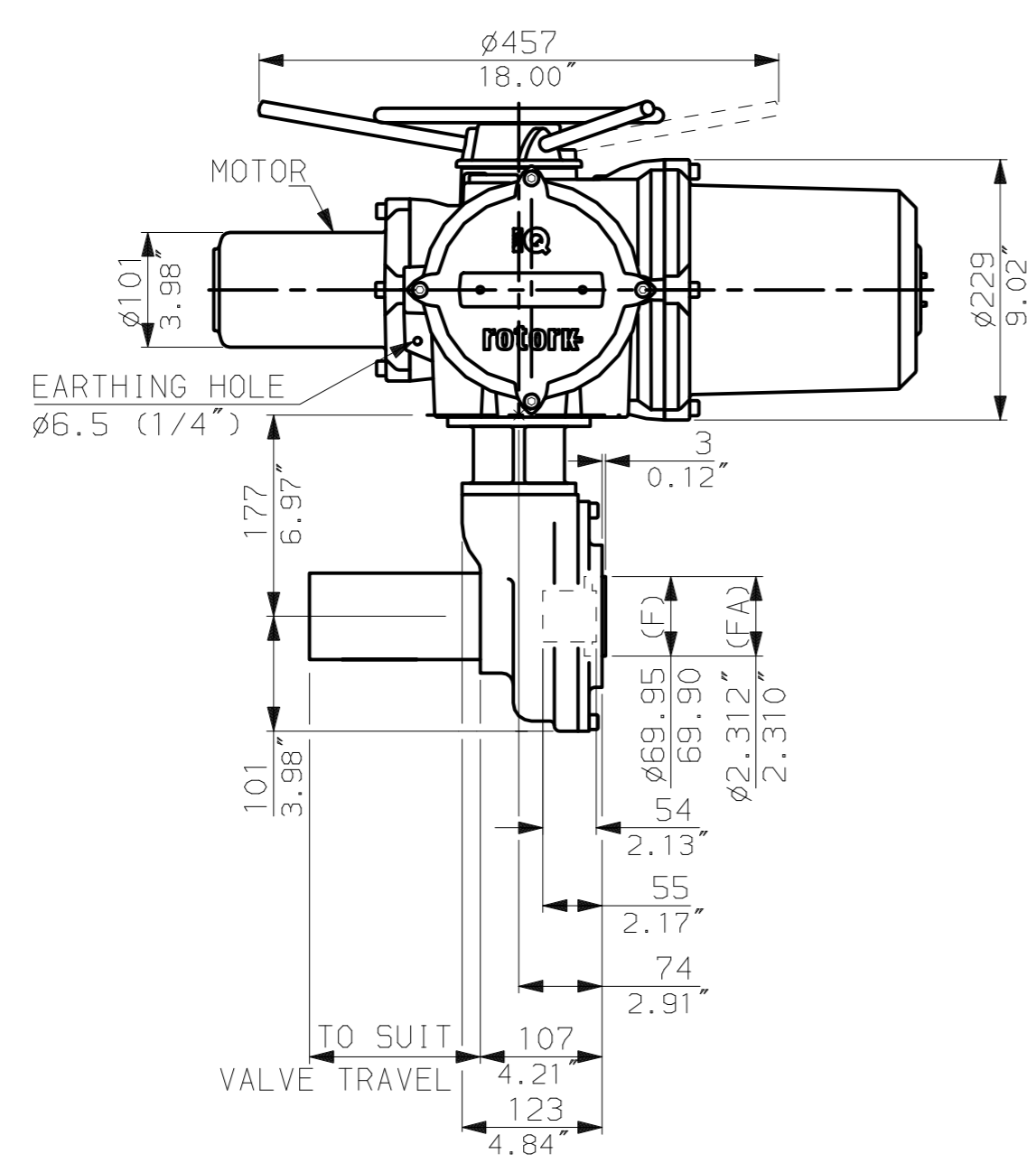


NOTES:  
: DIMENSIONS WITH '\*' INDICATE  
COVER REMOVAL ALLOWANCE  
: NETT WEIGHT = 48kg (106lbs)  
:  $\phi$  = OIL FILLER/DRAIN PLUG  
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ACTUATOR OR SECOND STAGE GEARBOX ONTO THE  
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PRACTICES, ENSURING ADEQUATELY TOLERANCED  
LIMITS FOR PARALLELISM, PERPENDICULARITY  
AND CONCENTRICITY.

**CONDUIT ENTRIES** (N.T.S)



Nos.1 & 3 TAPPED 1" NPT  
No.2 TAPPED 1 1/2" NPT  
STD ALTERNATIVES IF SPECIFIED  
2 X M25, 1 X M40  
2 X PG16, 1 X PG29

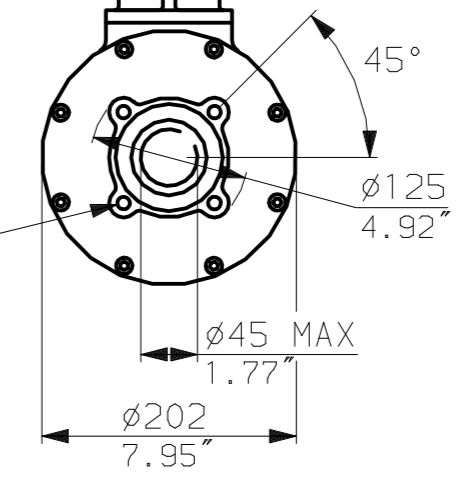


**"F" version**

4 HOLES TAPPED M10x15 DP  
EQUI-SPACED ON A 102 PCD  
(ISO5210 F10)

**"FA" version**

4 HOLES TAPPED 3/8" UNC  
x0.6" dp EQUI-SPACED ON A  
4" PCD (MSS SP102-FA10)

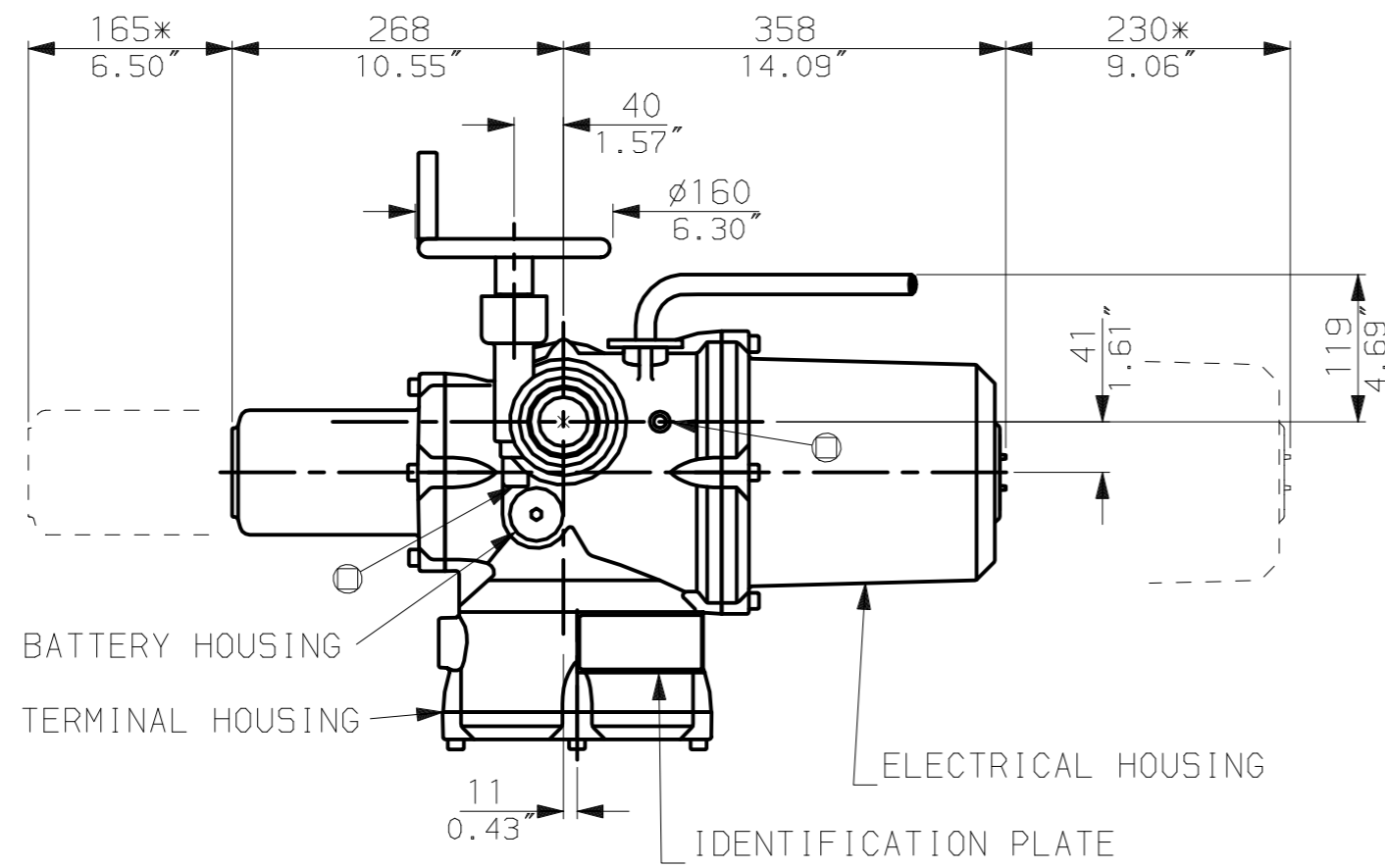


Rotork Controls Ltd.  
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(Phone 01225-733200)

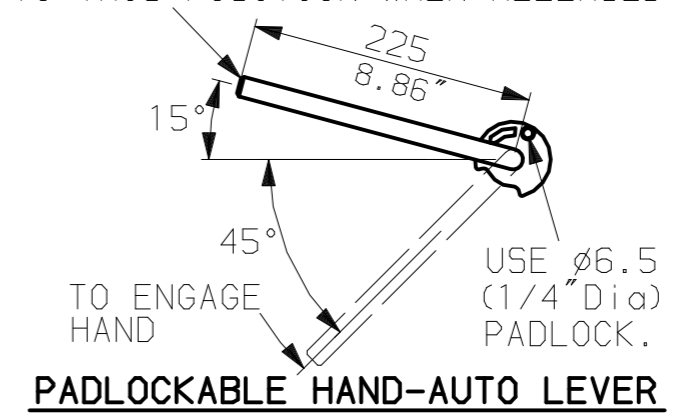
Rotork Controls Inc.  
Rochester, NY 14624  
(Phone 585-328-1550)

Title IQ10, 12, 18, (+IQM10, 12+IQS12), LTHW, IB4		
STANDARD DIMENSIONAL DATA		
Drawn CAD	Checked PRE	Ref Data Sheet
Date 150605	Job No IQ1LTHW_IB4	

02	4.69" corrected from 6.50"
01 Issue	First Issue.
Scale	1:6 THIRD ANGLE PROJECTION
Drawing Number	IQ1LTHW_IB4

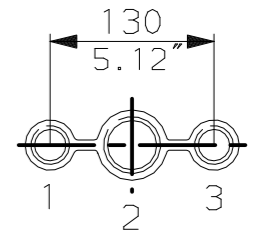


LEVER POSITION IN AUTO.  
LEVER AUTOMATICALLY RETURNS  
TO THIS POSITION WHEN RELEASED

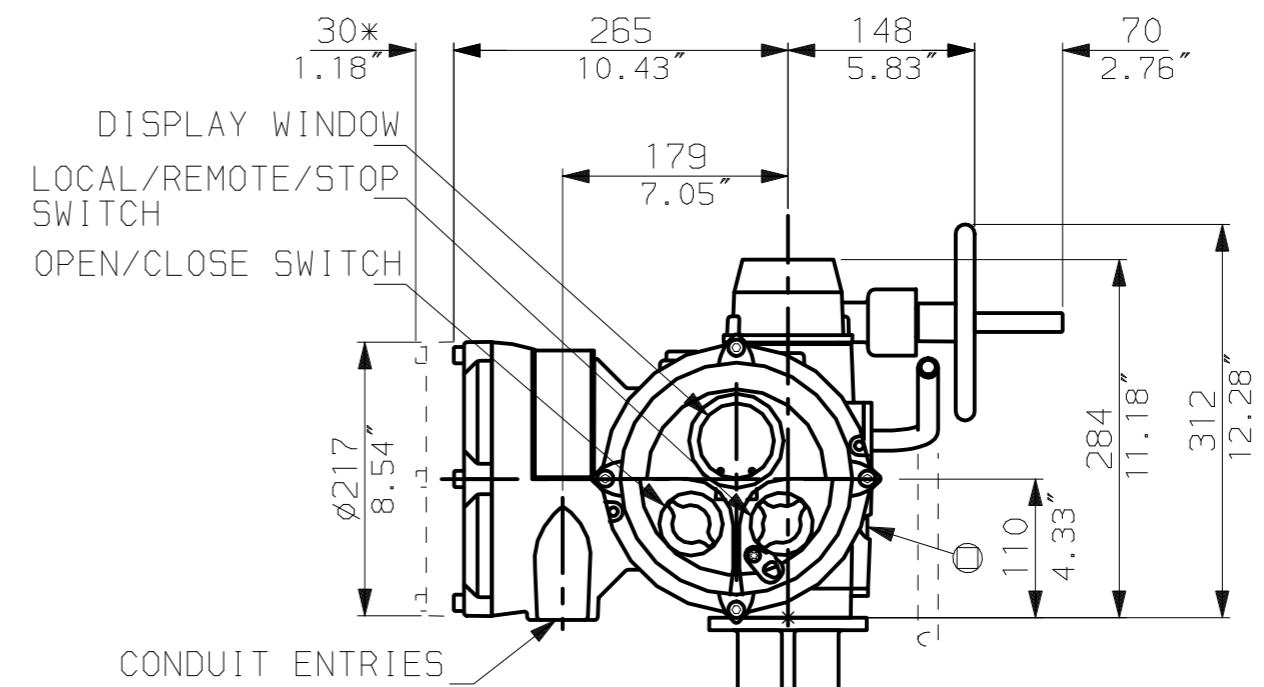
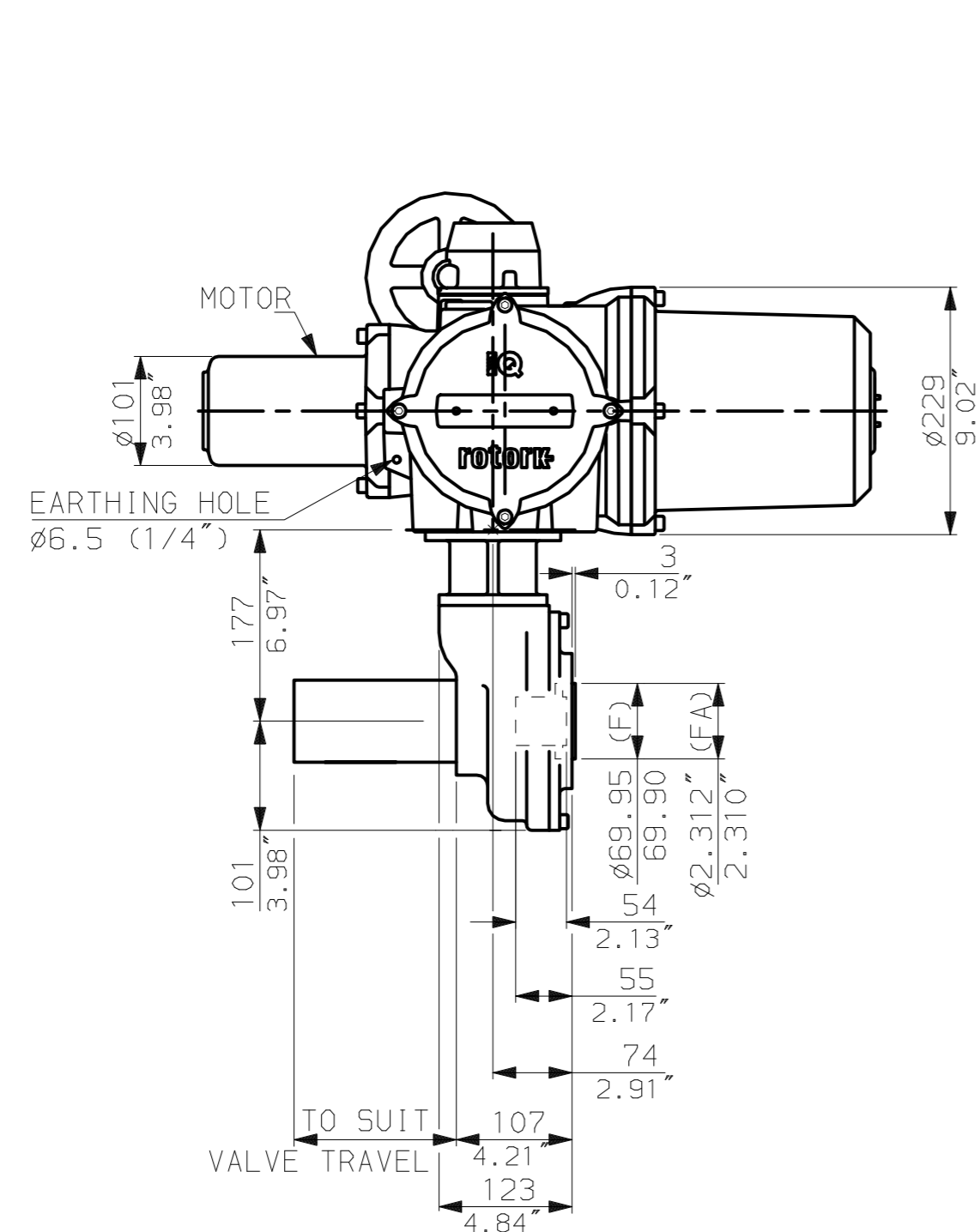


NOTES:  
: DIMENSIONS WITH '\*' INDICATE COVER REMOVAL ALLOWANCE  
: NETT WEIGHT = 48kg (106lbs)  
:  $\phi$  = OIL FILLER/DRAIN PLUG  
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**CONDUIT ENTRIES** (N.T.S)



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No.2 TAPPED 1 1/2" NPT  
STD ALTERNATIVES IF SPECIFIED  
2 X M25, 1 X M40  
2 X PG16, 1 X PG29

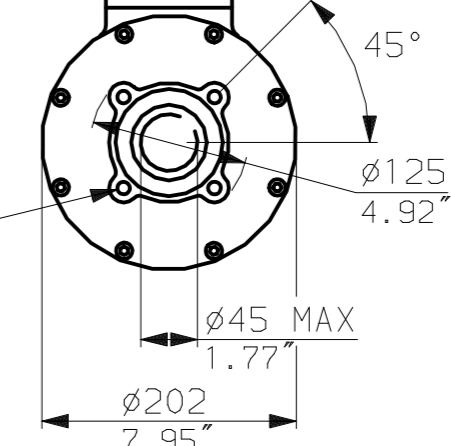


**"F" version**

4 HOLES TAPPED M10x15 DP  
EQUI-SPACED ON A 102 PCD  
(ISO5210 F10)

**"FA" version**

4 HOLES TAPPED 3/8" UNC  
x0.6" dp EQUI-SPACED ON A  
4" PCD (MSS SP102-FA10)



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Rotork Controls Inc.  
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(Phone 585-328-1550)

Title IQ10, 12, 18, (+IQM10, 12+IQS12), SHW, IB4,		
STANDARD DIMENSIONAL DATA		
Drawn CAD	Checked PRE	Ref Data Sheet
Date 150605	Job No IQ1SHW_IB4	

02	4.69" corrected from 6.50"
01 Issue	First Issue.
Scale	1:6 THIRD ANGLE PROJECTION
Drawing Number	IQ1SHW_IB4