



# Electric Actuators SALES REFERENCE DRAWINGS

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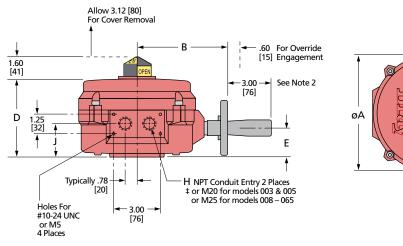
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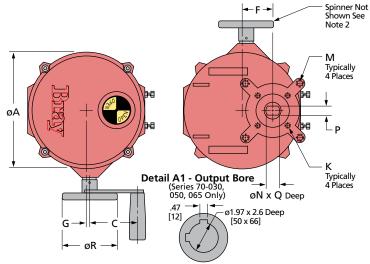
# **Series 70 Electric Actuator**



### WATERPROOF ENCLOSURE S70-003 TO S70-065



**7 Bray** CONTROLS



IMPERI	AL I	DIM	ENS	SION	<b>IS</b> -	Inches													
Actuator Series	А	B	С	D	E	F	G	Н	J	K (UNC) x B.C.	M (UNC) x B.C.	Ν	P	Q	øR	S	Т	U	Weight. Ibs
S70-003 S70-005	7.5	5.6	3.0	5.1	1.9	1.94	.19	1/2‡	2.0	5/16-18 x ø2.76 F07	_	.75	.51	1.75	3.5	-	-	-	12
\$70-008 \$70-012 \$70-020	10.1	7.8	3.7	6.5	2.5	2.69	.56	3/4‡	2.6	5/16-18 x ø2.76 F07	1/2-13 x ø4.92 F12	1.18	.87	2.20	8	-	-	-	28
\$70-030 \$70-050 \$70-065	12.1	9.5	5.6	7.2	2.9	3.19	.56	3/4‡	3.1	1/2-13 x ø4.92 F12	3/4-10 x ø6.50 F16	See Detail A1		A1	12	-	-	_	48

METRIC	DI	MEN	ISIC	NS	- Mil	limete	rs												
Actuator Series	А	B	С	D	E	F	G	Н	J	K (UNC) x B.C.	M (UNC) x B.C.	Ν	Р	Q	øR	S	Т	U	Weight. kgs
S70-003 S70-005	191	142	76	130	48	49.3	4.8	1/2‡	51	5/16-18 x ø2.76 F07	_	19	13	44	89	-	-	-	6
S70-008 S70-012 S70-020	257	198	94	165	64	68.3	14.2	3/4‡	66	5/16-18 x ø2.76 F07	1/2-13 x ø4.92 F12	30	22	56	203	-	-	-	13
\$70-030 \$70-050 \$70-065	307	241	142	183	74	81	14.2	3/4‡	79	1/2-13 x ø4.92 F12	3/4-10 x ø6.50 F16	See Detail A1		A1	305	-	_	-	22

#### Notes:

+ The duty cycle for intermittent on-off operation is 25%. The continuous duty actuator with Servo is rated for 100% modulating operation.

Handwheel Spinner shown in drawing is available as an option.
 K & M Dimensions are also available in M8, M12, and M20.
 N Dimension is also available with Double Square (Star) drive.

Drawings are for reference only. Please refer to Bray ES drawings on the Bray website, www.bray.com. Bray reserves the right to change product dimensions without notice.

# SR Drawing #70-003/065-im - August 2012- Rev. 0

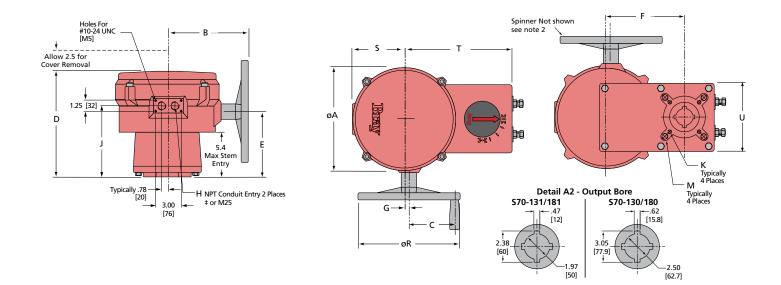
Customer/Project: \_

Inquire/P.O. No.:\_

# **Series 70 Electric Actuator**

Dimensions

## WATERPROOF ENCLOSURE S70-130/131\* AND S70-180/181\*



IMPER	AL I	DIM	ENS	SION	IS -	Inche	S												
Actuator Series	Α	В	С	D	E	F	G	Н	J	K (UNC) x B.C.	M (UNC) x B.C.	Ν	Р	Q	øR	S	Т	U	Weight. Ibs
\$70-130/131 \$70-180/181	12.1	9.5	5.6	12.5	8.1	9.2	.56	3/4‡	8.3	1/2-13 x ø4.92 F12	3/4-10 x ø6.50 F16	See	e Detail	A2	12	6.1	12.7	8	83

METRIC	DI	MEN	ISIC	DNS	- Mil	limete	rs												
Actuator Series	А	В	С	D	Е	F	G	н	J	K (UNC) x B.C.	M (UNC) x B.C.	Ν	Р	Q	øR	S	Т	U	Weight. kgs
S70-130/131 S70-180/181	307	241	142	317	206	234	14.2	3/4‡	211	1/2-13 x ø4.92 F12	3/4-10 x ø6.50 F16	See Detail A2		A2	305	155	323	203	38

\* Utilizes spur gear

#### Notes:

+ The duty cycle for intermittent on-off operation is 25%. The continuous duty actuator with Servo is rated for 100% modulating operation.

**5 Bray** CONTROLS

Handwheel Spinner shown in drawing is available as an option.
 K & M Dimensions are also available in M8, M12, and M20.
 N Dimension is also available with Double Square (Star) drive.

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## SR Drawing #70-130/131-180/181 im August 2012- Rev. 0

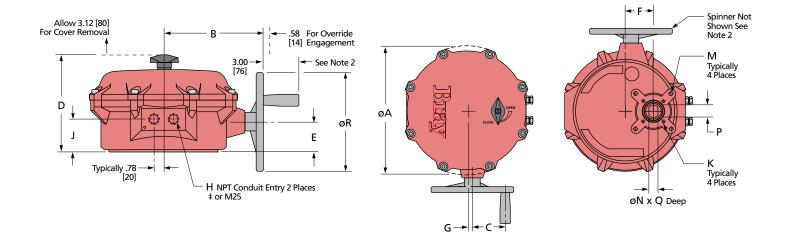
Inquire/P.O. No.:\_ Bray Order No.:

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# Dimensions

## WATERPROOF / EXPLOSION PROOF ENCLOSURE \$70-708 TO \$70-720



IMPERIAL	DIN	ЛEN	SIO	NS -	Inche	S										
Actuator Series	А	В	С	D	E	F	G	Н	J	K (UNC) x B.C.	M (UNC) x B.C.	Ν	Р	Q	øR	Weight Ibs
\$70-708 \$70-712 \$70-720	12.5	8.0	3.7	7.67	2.5	2.69	.56	3/4 ‡	2.6	5/16-18 x ø2.76 F07	1/2-13 x ø4.92 F12	1.18	.87	2.01	8	34

<b>METRIC D</b>	IME	NSI	ONS	- Mi	limete	rs										
Actuator Series	Α	В	С	D	E	F	G	н	J	K (UNC) x B.C.	M (UNC) x B.C.	Ν	Р	Q	øR	Weight kgs
S70-708 S70-712 S70-720	317	203	94	195	64	68.3	14.2	‡M25	66	5/16-18 x ø2.76 F07	1/2-13 x ø4.92 F12	30	22	51	203	16

#### Notes:

+ The duty cycle for intermittent on-off operation is 25%. The continuous duty actuator with Servo is rated for 100% modulating operation.

2) Handwheel Spinner shown in drawing is available as an option.

3) K & M dimensions are also available in M8, M12, and M20.

4) N dimension is also available with Double Square (Star) drive.

# Drawings are for reference only. Please refer to Bray ES drawings on the Bray website, www.bray.com. Bray reserves the right to change product dimensions without notice.

# SR Drawing #70-708/720-im - August 2012- Rev. 0

Customer/Project: \_\_\_\_\_

Inquire/P.O. No.:\_