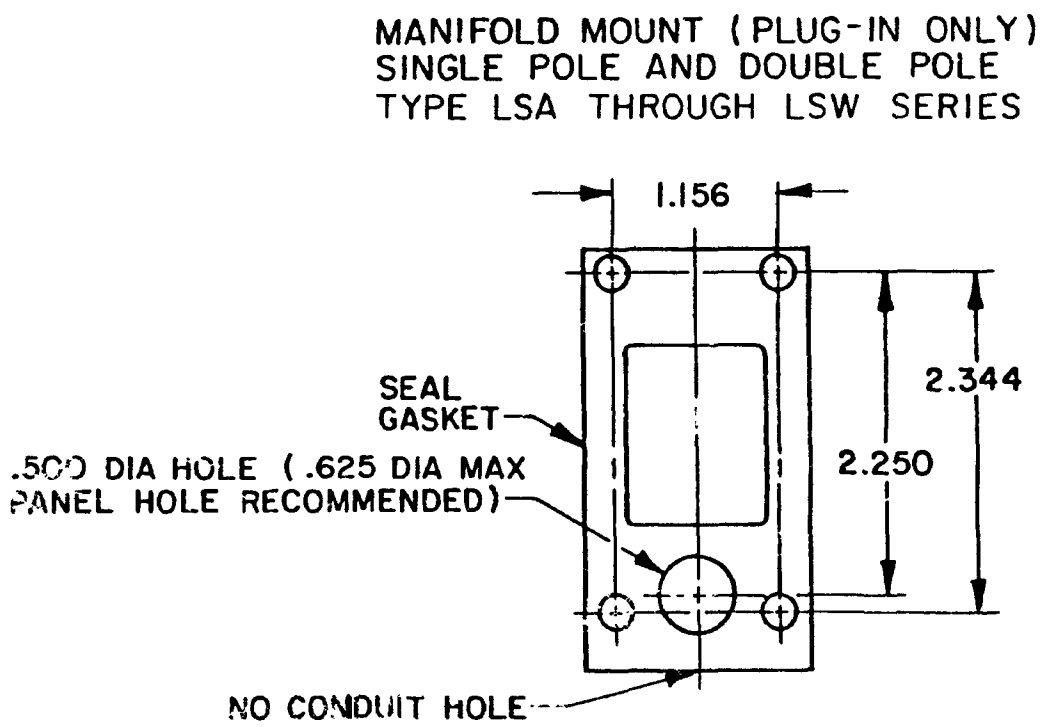
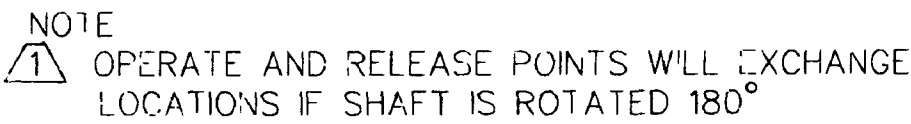
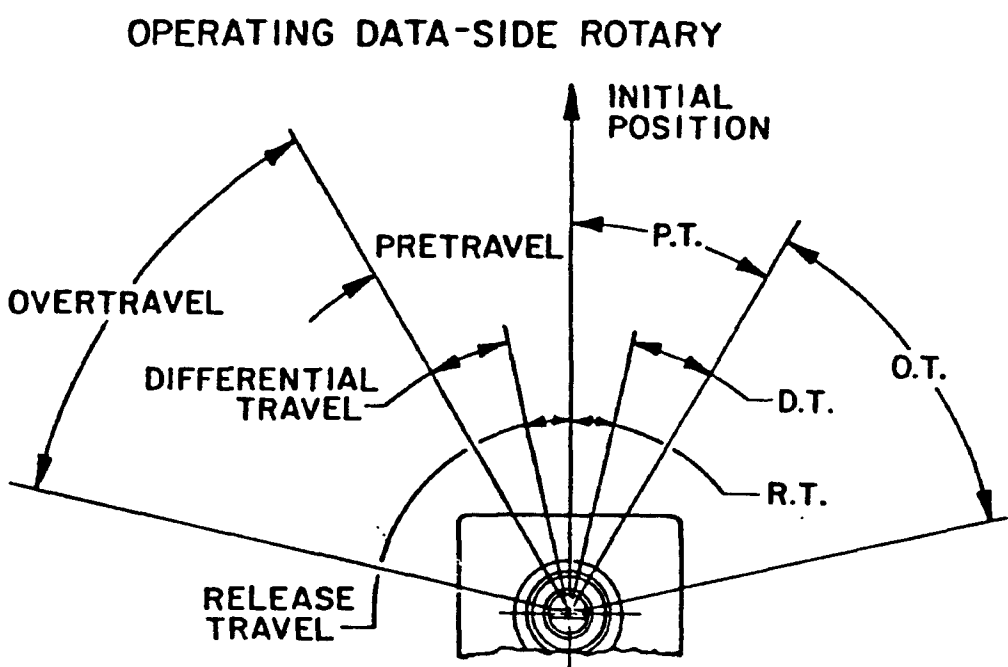
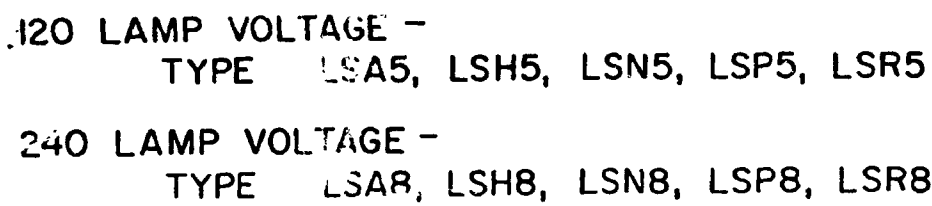
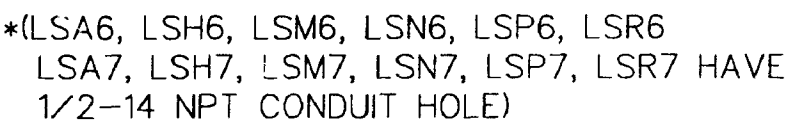


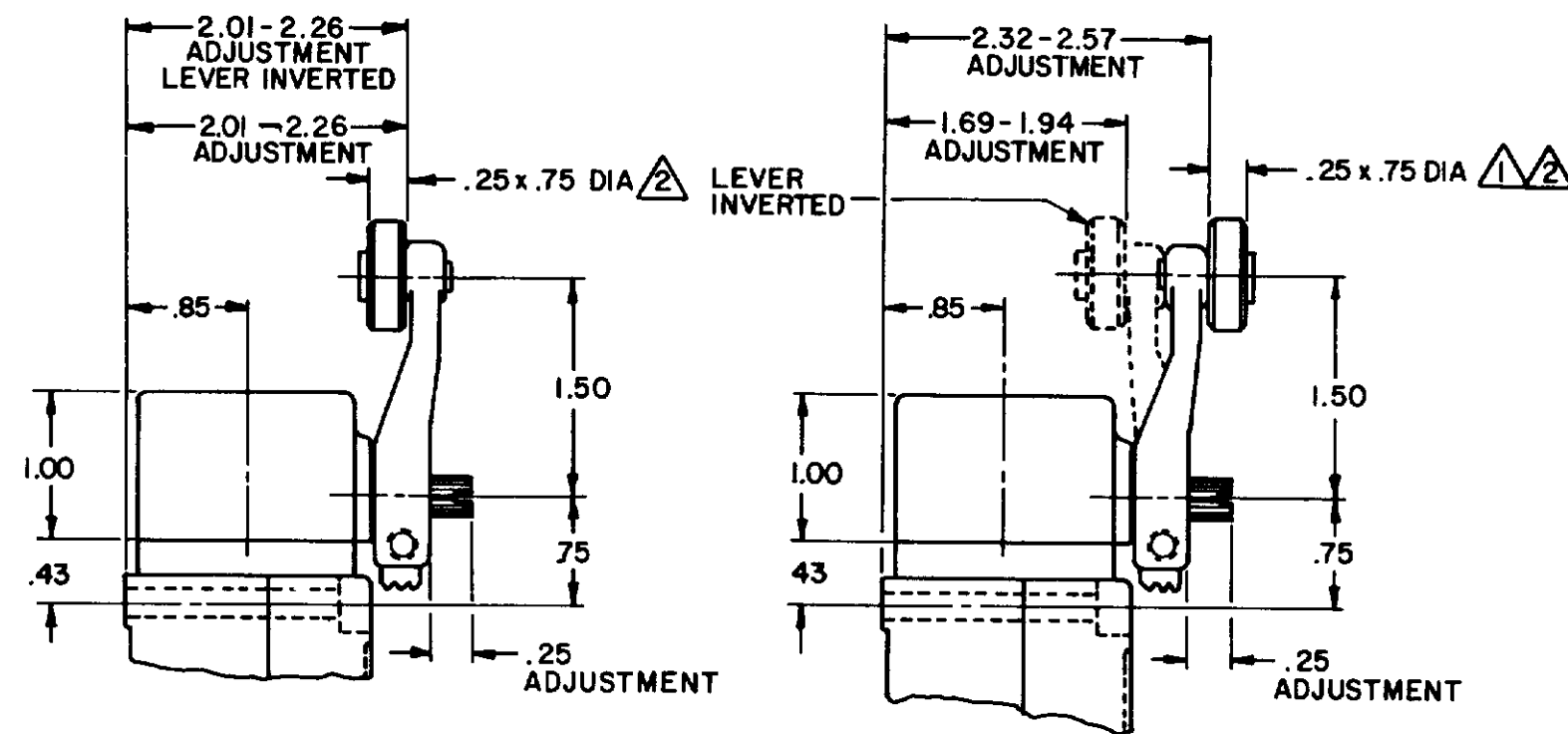
CATALOG LISTING		M LSA-LSW SERIES CHART 1	
ISSUE	NO	PAGE 1	OF 10
12	121194	PSR	121194
12	121194	CHECK	121194
12	121194	RELEASE	NO 78498
12	121194	REPLACES	LSA-LSW SERIES

REVIEWS		M LSA-LSW SERIES CHART 1	
ISSUE	NO	PAGE 1	OF 10
12	121194	PSR	121194
12	121194	CHECK	121194
12	121194	RELEASE	NO 78498
12	121194	REPLACES	LSA-LSW SERIES

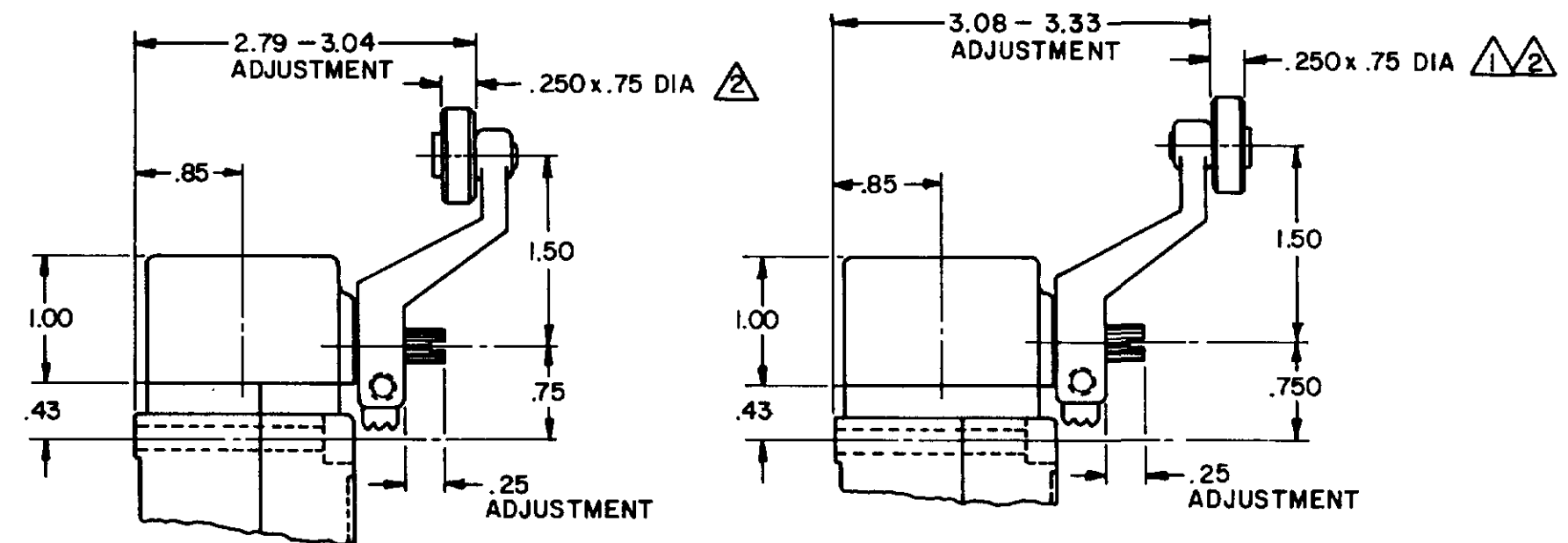
DOUBLE POLE



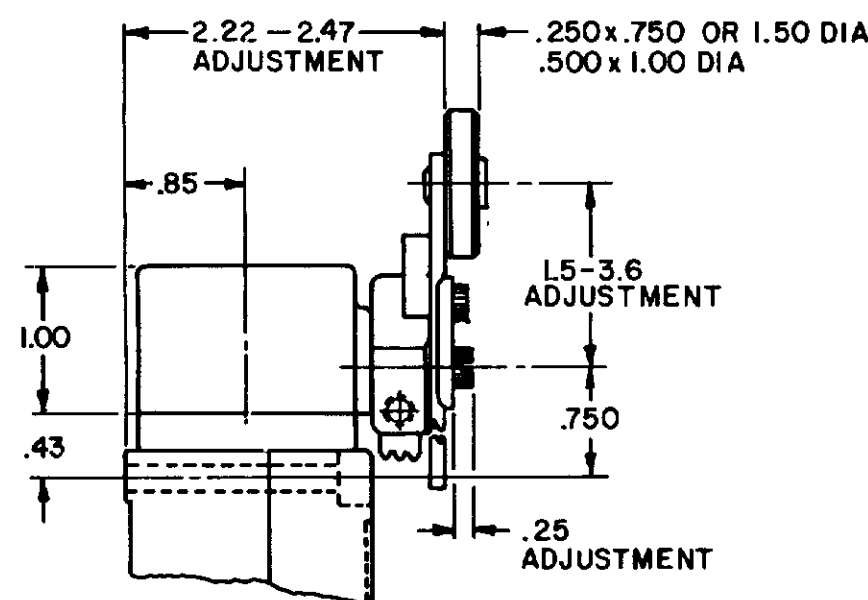
SIDE ROTARY CAM TRACKING



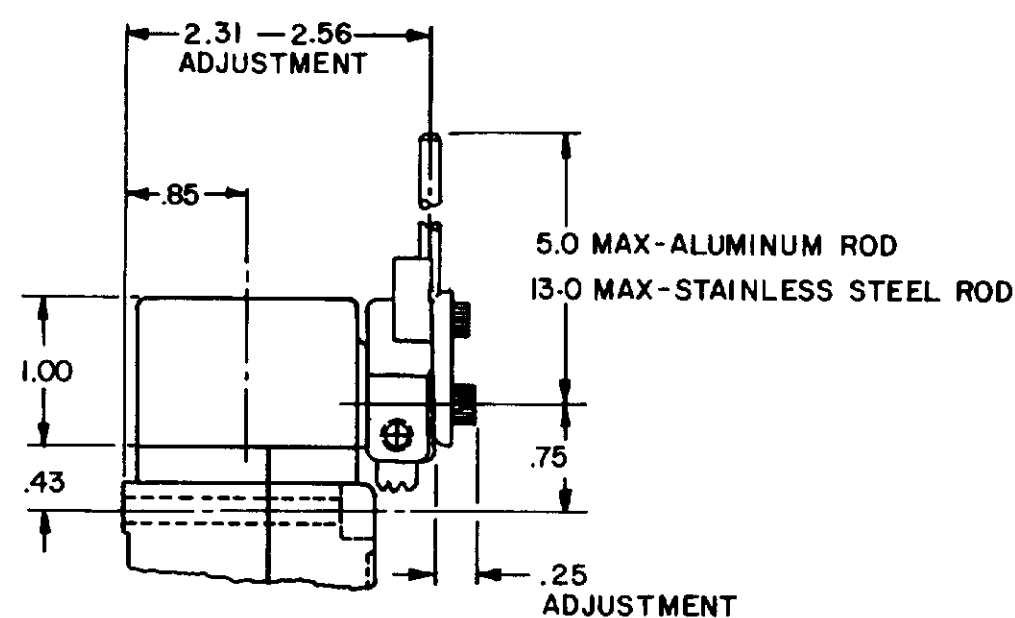
LSZ51 TYPE LEVERS



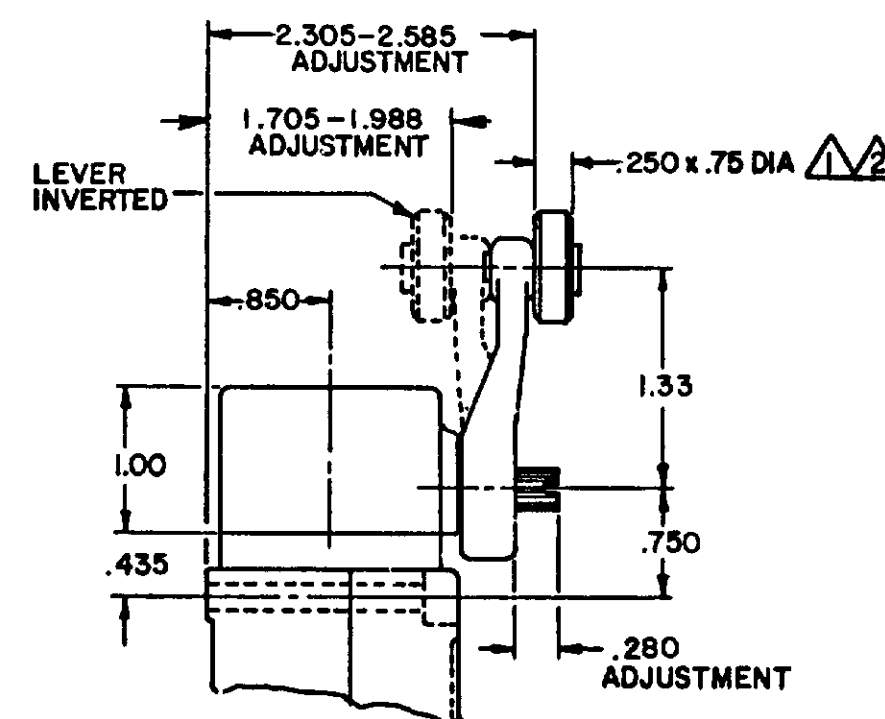
LSZ55 TYPE LEVERS



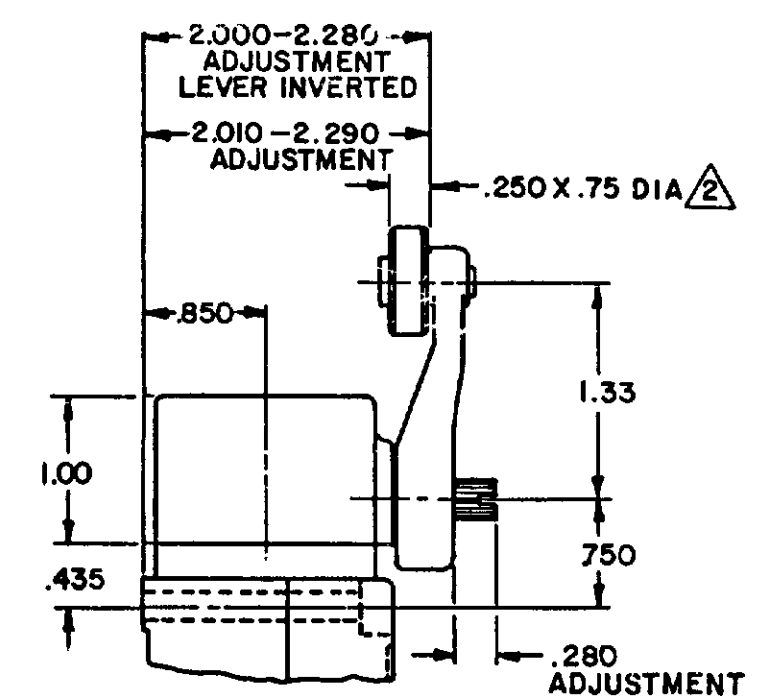
LSZ52 TYPE LEVER



LSZ54 TYPE LEVER



OPEN MOUNTED ROLLER



CLOSED MOUNTED ROLLER

LSZ59 TYPE LEVERS

- NOTES
- 1 ALSO AVAILABLE IN Ø.250 X 1.500 NYLON, BUT LEVER CANNOT BE INVERTED
 - 2 FOR ADDITIONAL ROLLER WIDTHS AND/OR DIAMETERS REFER TO "M" DRAWING
 - 3 - FOR ADDITIONAL TYPES OF ROLLERS AND LEVERS REFER TO LSZ CHART 1 "M" DRAWING

CATALOG LISTING
LSA-LSW SERIES CHART 1
PAGE 2 OF 10
REPLACES LSA-LSW SERIES
10JUL07 RELEASE NO. CO-78498
PSR
CHECK
11AUG04
AK
11JUL94
JAF
15JUN94
MAM
DRAWN
MASTER

REVISIONS

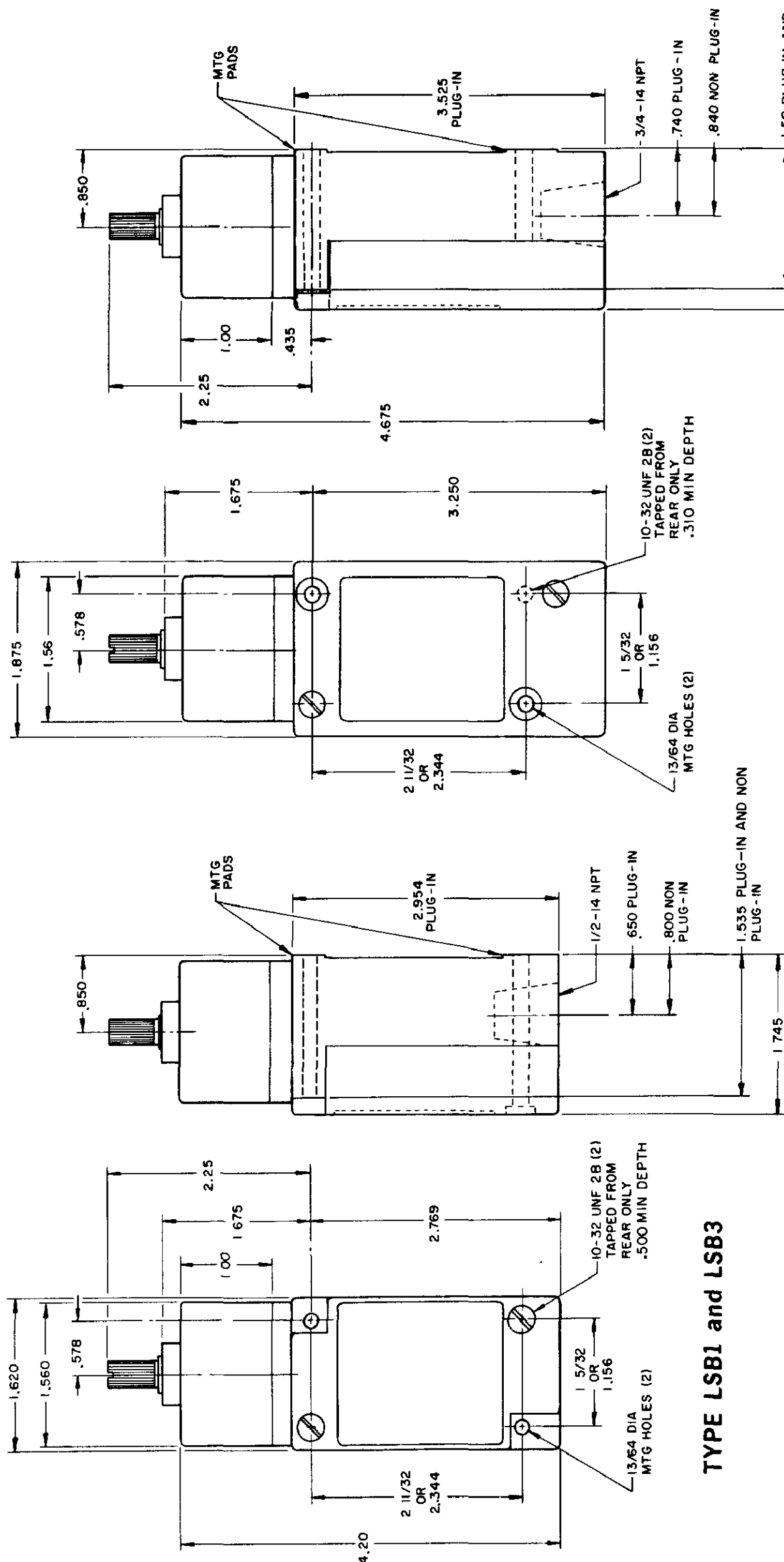
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B	201004	CSL	10AUG00	10AUG00	10AUG00
C	201748	CSL	17NOV00	17NOV00	17NOV00
D	202198	CSL	20JAN01	20JAN01	20JAN01
E	204871	CSL	14JAN03	14JAN03	14JAN03
F	206581	CSL	14JAN03	14JAN03	14JAN03
G	206763	CSL	31OCT02	31OCT02	31OCT02
H	207178	CSL	14JAN03	14JAN03	14JAN03
J	207474	CSL	14JAN03	14JAN03	14JAN03
K	0006871	CSL	14JAN03	14JAN03	14JAN03

THIRD ANGLE PROJECTION			
SCALE NONE			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(0)	±.030	
TWO PLACES	(.00)	±.015	
THREE PLACES	(.000)	±.005	
ANGLES		±	
WEIGHT			

TOP ROTARY

SINGLE POLE

DOUBLE POLE



	SINGLE POLE	DOUBLE POLE
PRETRAVEL MAX	25°	25°
OVERTRAVEL MIN	110°	110°
DIFFERENTIAL TRAVEL MAX	10°	12°
OPERATING TORQUE MAX	2 5 IN. LBS	2 5 IN. LBS
TOTAL TRAVEL (REF)	135°	135°

ELECTRICAL RATINGS

A.C. VOLTAGE	AMPS AT 35 POWER FACTOR	SINGLE POLE		DOUBLE POLE	
		MAKE	BREAK	MAKE	BREAK
120		60	6	30	3
240		30	3	15	1.5
480		15	1.5	7.5	7.5
600		12	1.2	6	6

D. C. VOLTAGE	MAKE & BREAK INDUCTIVE		RESISTIVE
120	0.25	0.80	
240	0.15	0.40	

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT

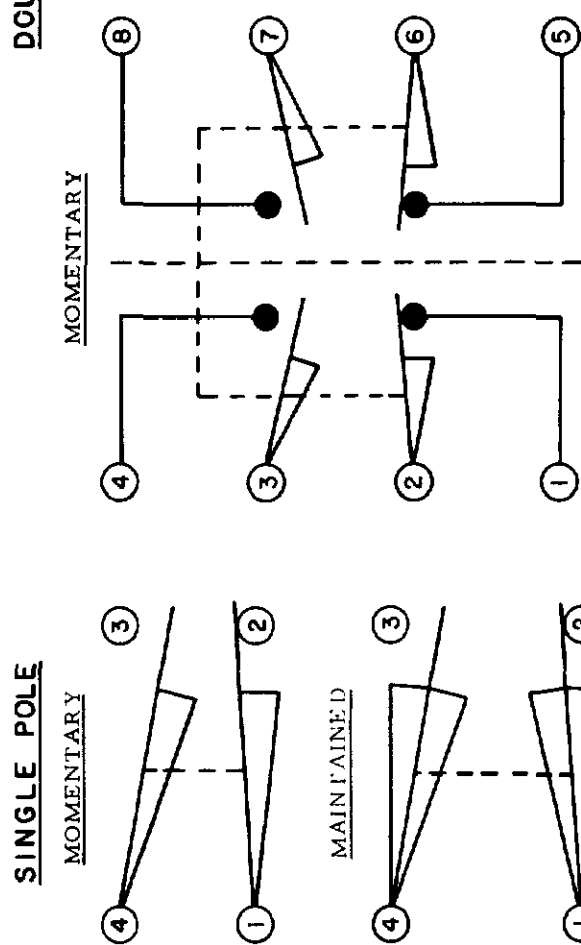
VOLTAGE		30 WATT
5 AC OR DC MIN	01 AMP MIN	
600 AC	720 VA	
240 DC		

DIRECT ACTING (ALSO RATED AT A.C. 10 AMP CONT.)

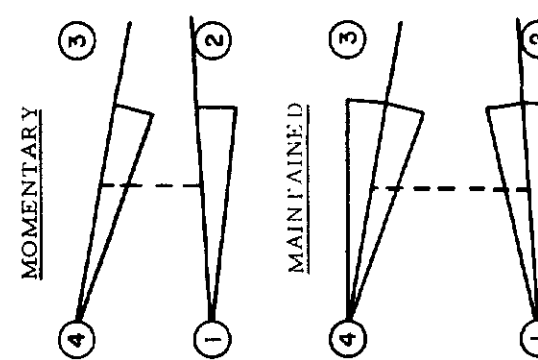
D.C. VOLTAGE	MAKE AND BREAK AMPS		RESISTIVE
	INDUCTIVE	RESISTIVE	
30	4.2	4.2	
120	1.1	1.1	
240	.55	.55	

WIRING BASIC SWITCH
(SAME POLARITY MUST BE OBSERVED FOR EACH POLE)

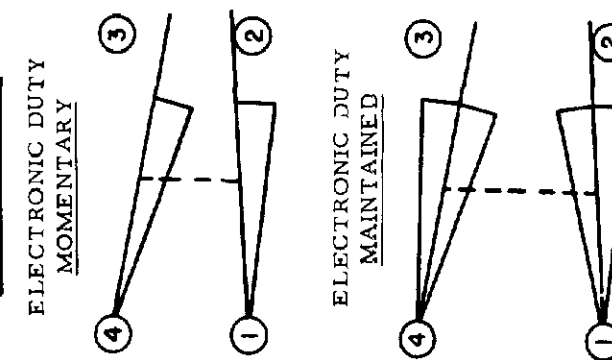
DOUBLE POLE



SINGLE POLE



SINGLE POLE

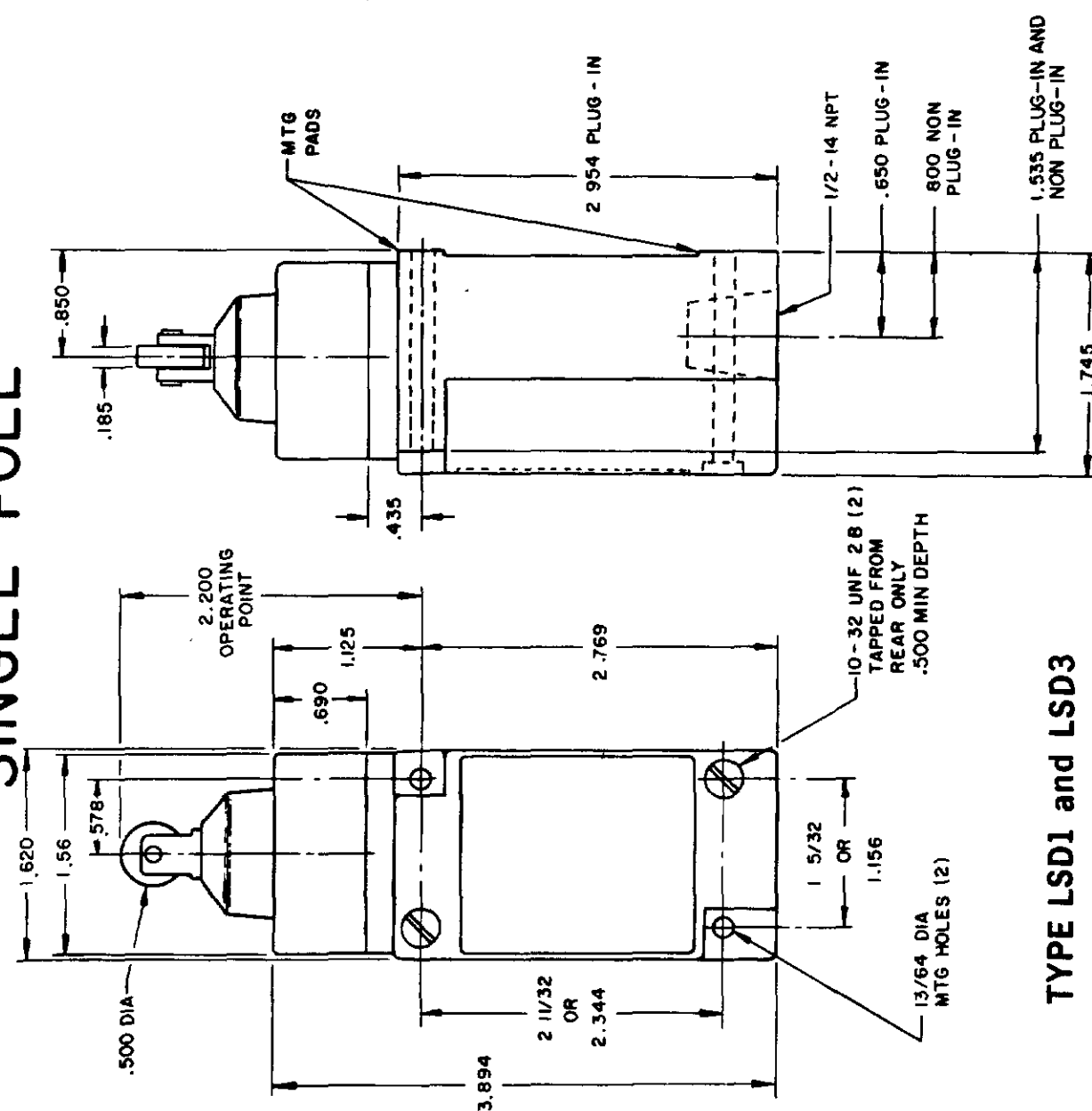


DIRECT ACTING



NOTES
Δ DIFFERENTIAL TRAVEL ON ALL OPERATING CHARACTERISTICS NOT APPLICABLE

SINGLE POLE



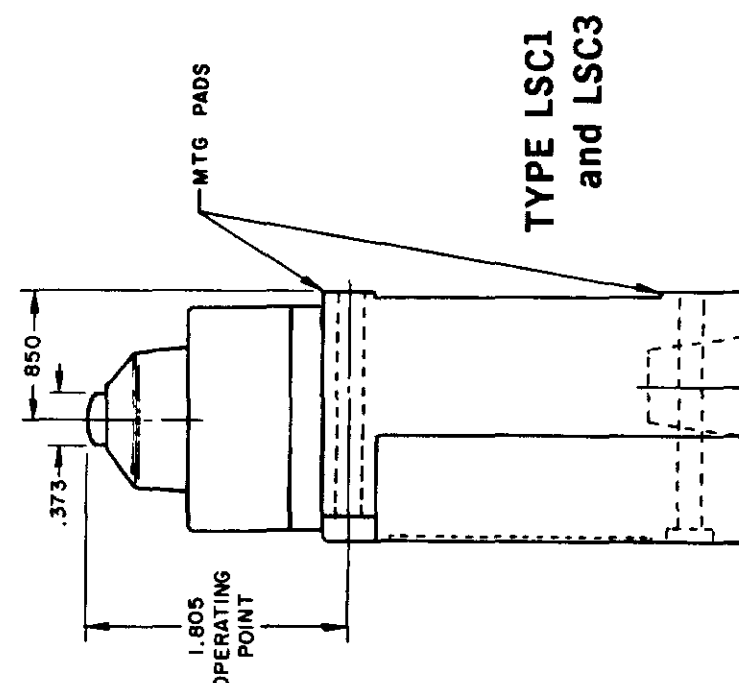
TYPE LSD1 and LSD3

DOUBLE POLE

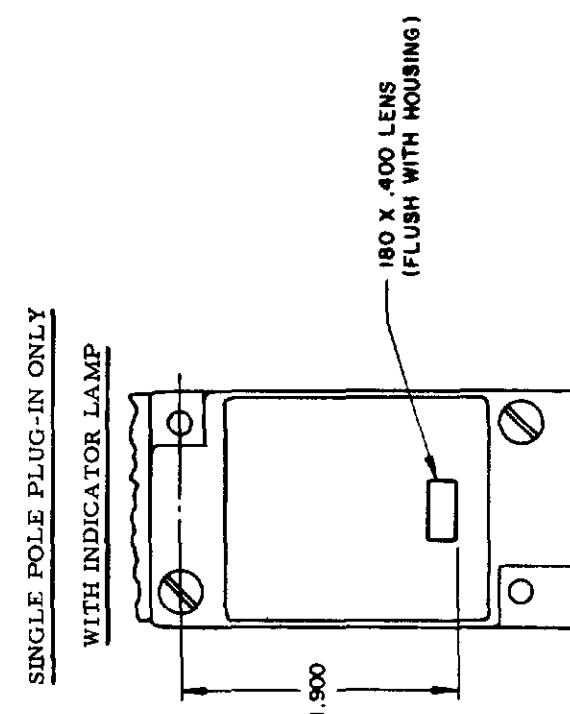


TYPE LSD2 and LSD4

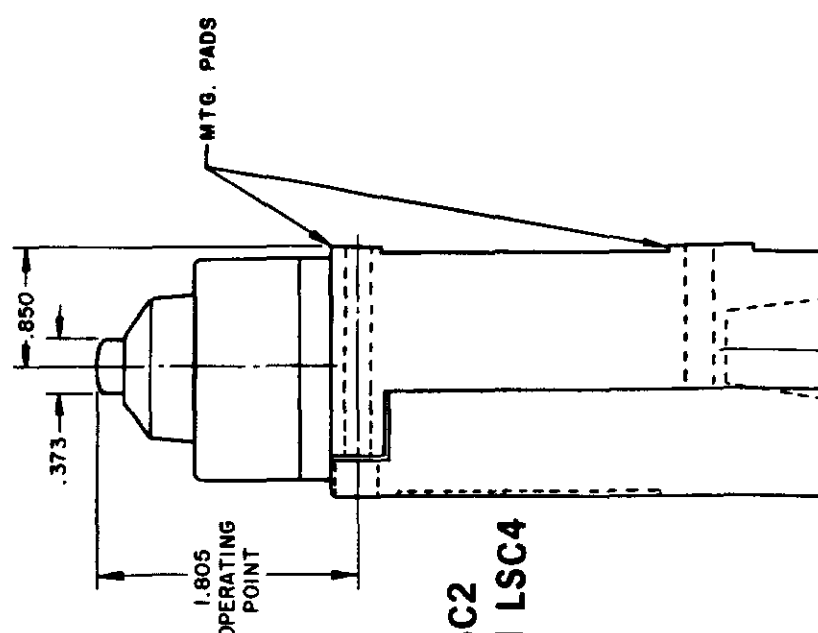
*(LSD6 and LSD7 have 1/2 - 14 NPT CON



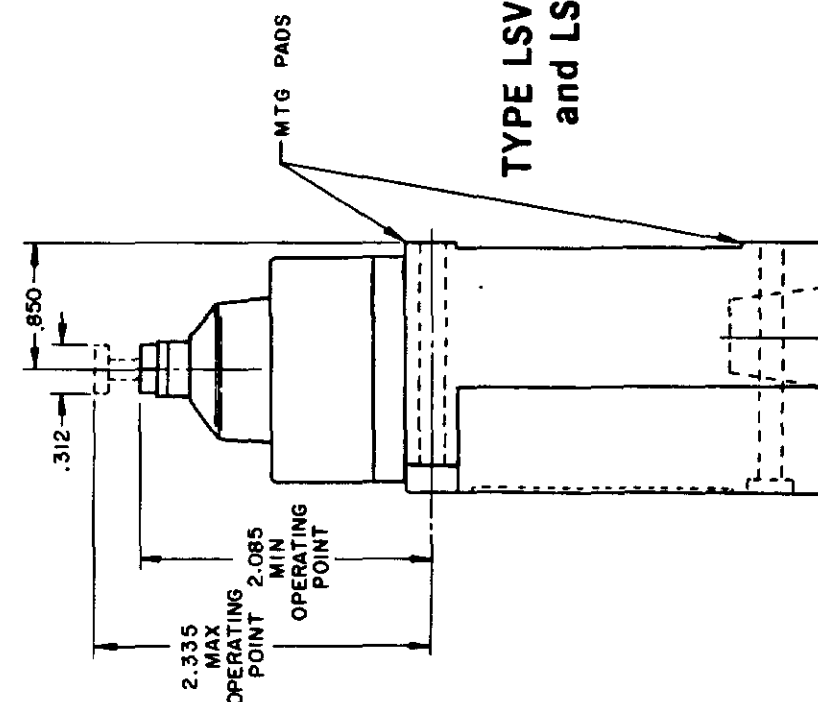
TYPE LSC1 and LSC3



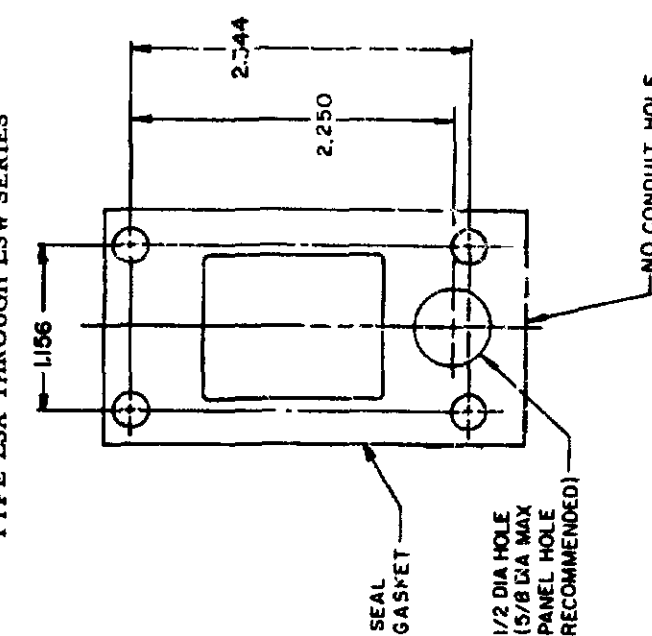
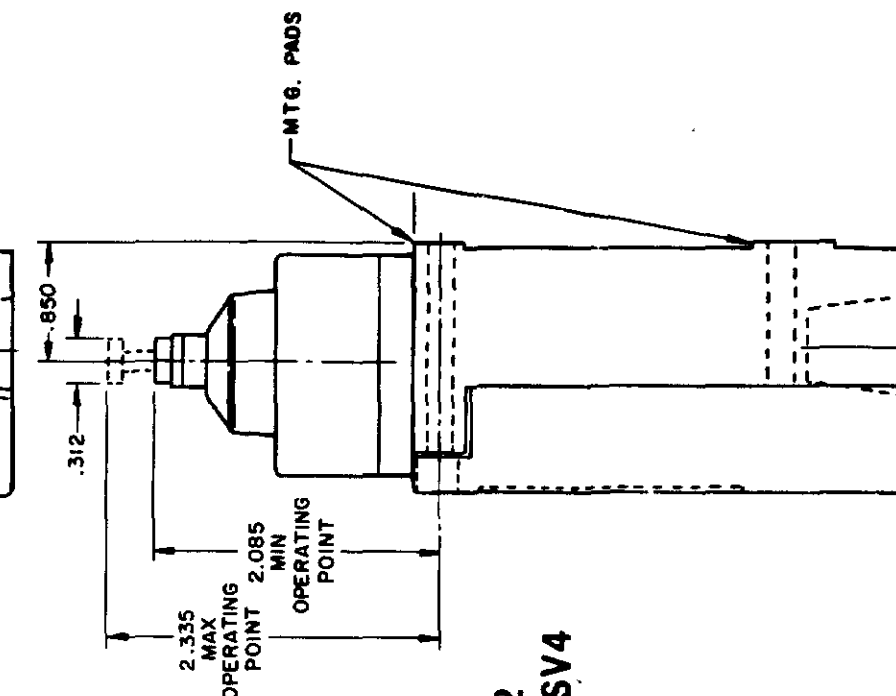
**TYPE LSC2
and LSC4**



**TYPE LSV1
and LSV3**



**TYPE LSV2
and LSV4**



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MICRO SWITCH
a Honeywell Division

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

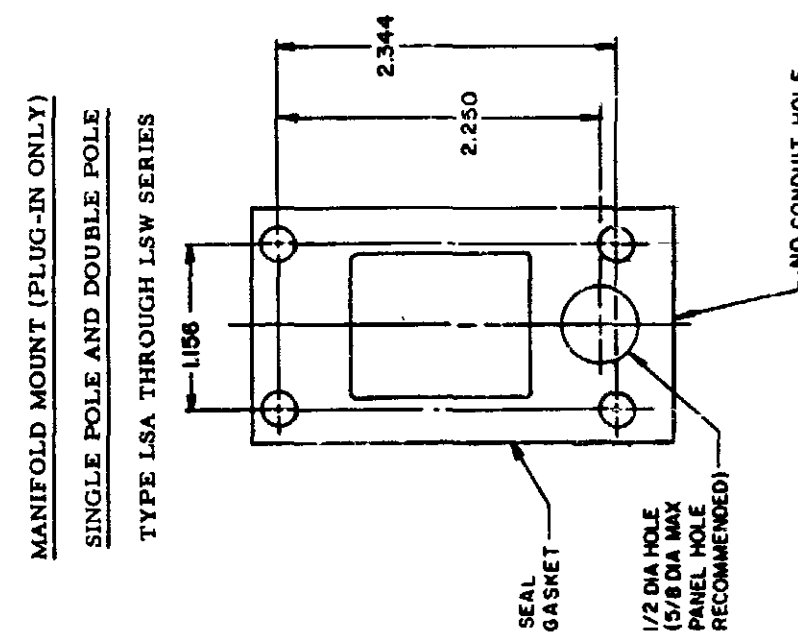
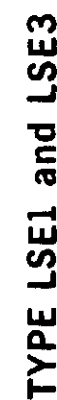
CHART 1

PAGE 4 OF 10

SCALE NONE

DO NOT SCALE PRINT

SINGLE POLE DOUBLE POLE



FED MFG CODE 91928

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NONE

DO NOT SCALE PRINT



TYPE LSG1 and LSG3

INITIAL POSITION —
(FREE POSITION) } PRETRAVEL
DIFFERENTIAL TRAVEL
OPERATING POINT } OVERTRAVEL
FULL TRAVEL —

OPERATING POINT GIVEN
IN RELATION TO TOP
MOUNTING HOLE

SIDE	PLUNGER	TYPES
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
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94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

PAGE 6 OF 10

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NONE
DO NOT SCALE PRINT
UNLESS
DIMENSIONS ARE IN
TOLERANCES
ONE PLACE (0)
TWO PLACE (.001)
THREE PLACE (.000)
ANGLES
WEIGHT

REVISIONS	BS	10 JUL 07	
	B	201004	
C	10 AUG 00		
	C	201748	
D	17 NOV 00		
	D	202198	
E	23 JAN 01		
	E	204871	
F	14 FEB 02		
	F	206581	
G	14 OCT 02		
	G	206763	
H	31 OCT 02		
	H	207179	
J	14 JAN 03		
	J	207474	
K	18 FEB 03		
	K	0006871	
MAM	15 JUN 94		
	MAM	11 AUG 94	

ISSUE	12	PSR	10 JUL 07	CHECK	AK	11 AUG 04	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
M LSA-LSW SERIES CHART 1										
PAGE 7 OF 10										

CATALOG LISTING

LSA-LSW SERIES CHART 1

LSA-LSW SERIES

RASTER
DRAWN

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

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11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

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11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

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11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

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11 AUG 04

RELEASE NO

CO-78498

REPLACES

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REPLACES

LSA-LSW SERIES

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PSR

10 JUL 07

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REPLACES

LSA-LSW SERIES

12

PSR

10 JUL 07

CHECK

AK

11 AUG 04

RELEASE NO

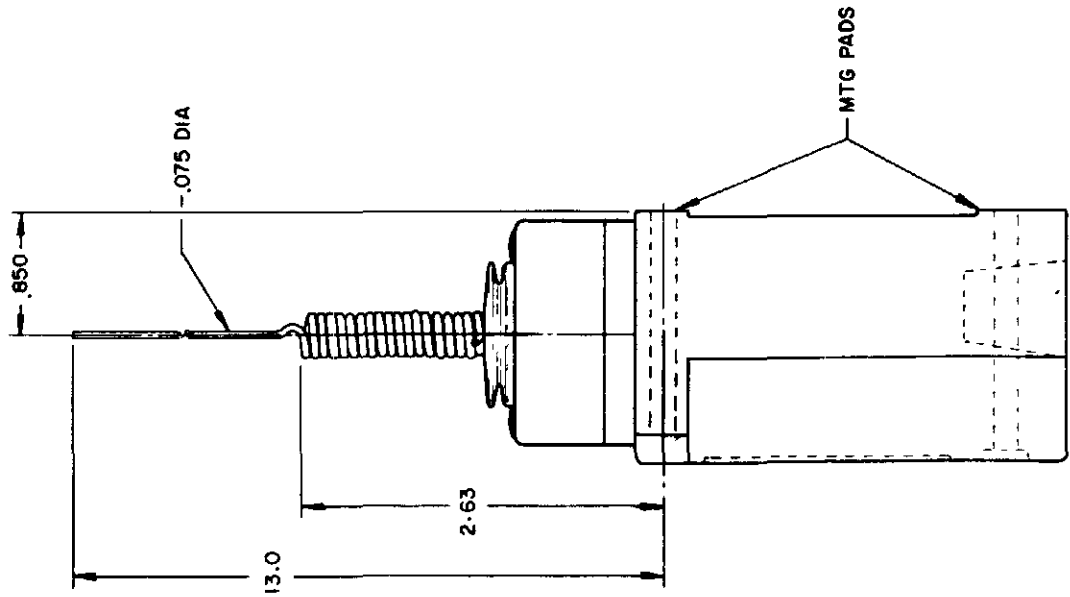
CO-78498

REPLACES

LSA-LSW SERIES

12

PSR

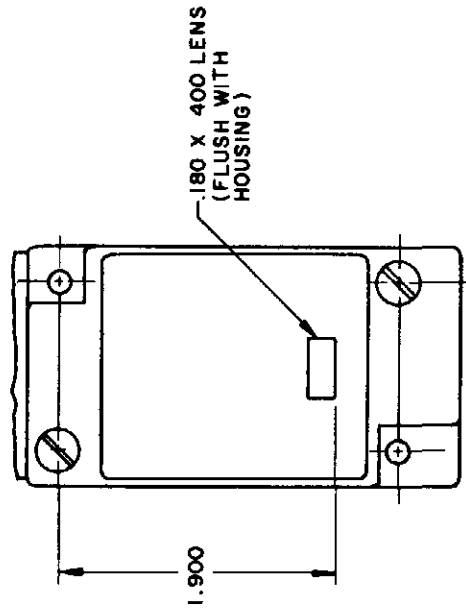


WIRE EXTENSION TYPE 7M ACTUATOR

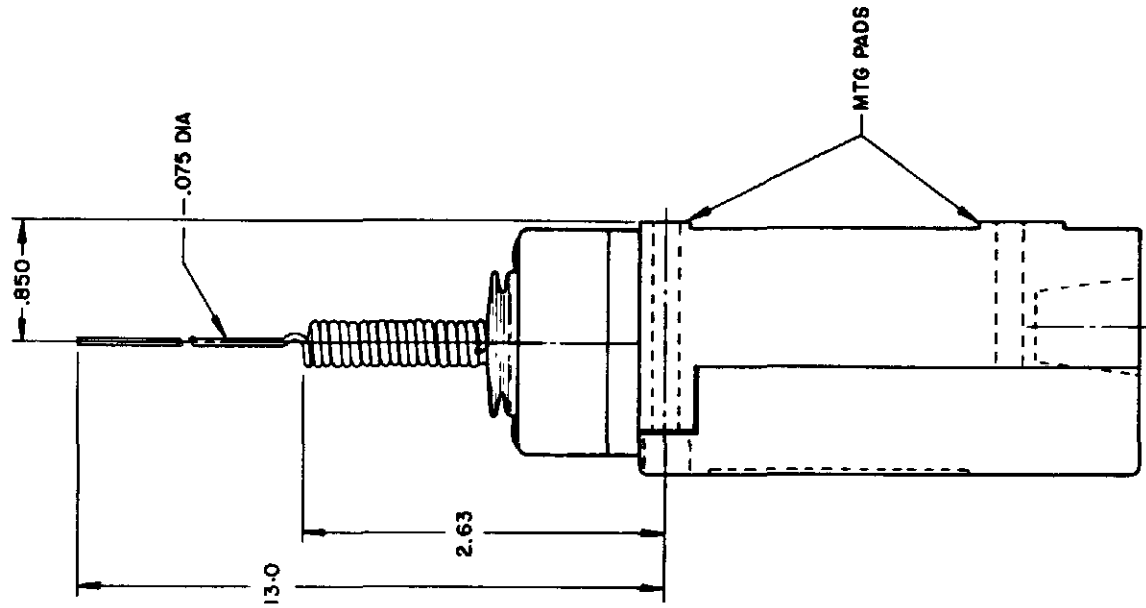
TYPE LSJ1 and LSJ3

REPLACEMENT ACTUATOR - LSZ 4010

SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8



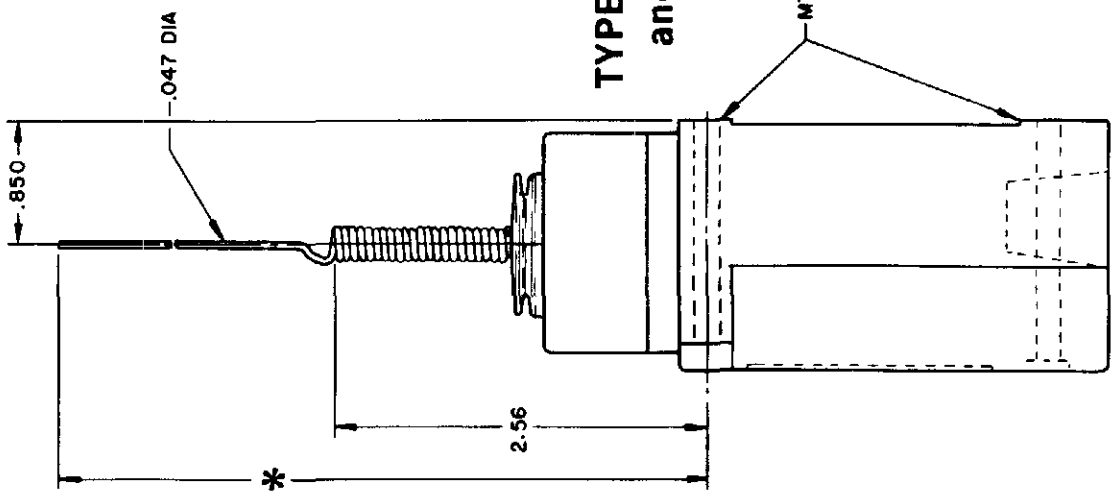
WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ2 and LSJ4

LSJ6 and LSJ7 have 1/2 - 14 NPT CONDUIT HOLE

CAT WHISKER

SINGLE POLE

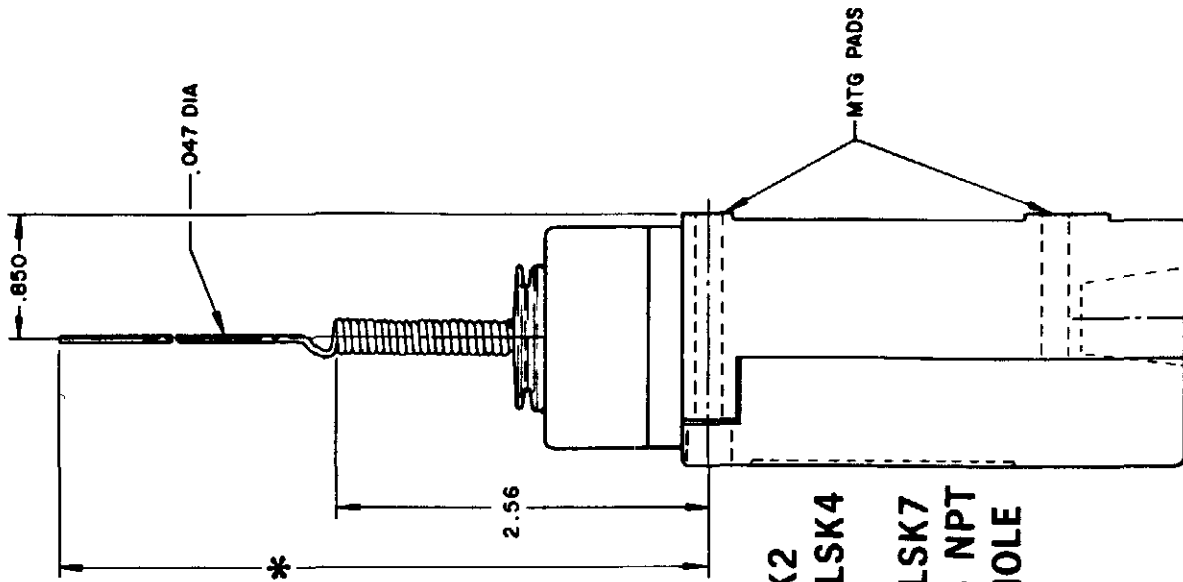


TYPE LSK1
and LSK3

120 LAMP VOLTAGE
TYPE LSK5 - CAT WHISKER TYPE LSB5 - TOP ROTARY
240 LAMP VOLTAGE
TYPE LSK8 - CAT WHISKER TYPE LSB8 - TOP ROTARY

*WIRE EXTENSION REPLACEMENT ACTUATOR
TYPE 8A ACTUATOR 5.5 IN.-LSZ 4012
TYPE 8B ACTUATOR 7.5 IN.-LSZ 4013
TYPE 8C COIL ACTUATOR 5.5 IN.-LSZ 4014
ACTUATOR 9.5 IN. - LSZ4036

DOUBLE POLE



TYPE LSK2
and LSK4
LSK6 and LSK7
have 1/2 - 14 NPT
CONDUIT HOLE

WIRE EXTENSION
*TYPE 8A ACTUATOR 5.5 IN.
TYPE 8B ACTUATOR 7.5 IN.
TYPE 8C ACTUATOR 5.5 IN.
TYPE 8D ROD ACTUATOR 5.5 IN.

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FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

PAGE 8 OF 10

SCALE NONE
DO NOT SCALE PRINT

PRETRAVEL (APPROX) IN. RADIUS	CAT. WHISKER		WOBBLE STICK	
	5/16" COIL	5/16" WIRE	7/16" WIRE	7/16" WIRE
	2	2	4.5	4.0
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	5.0

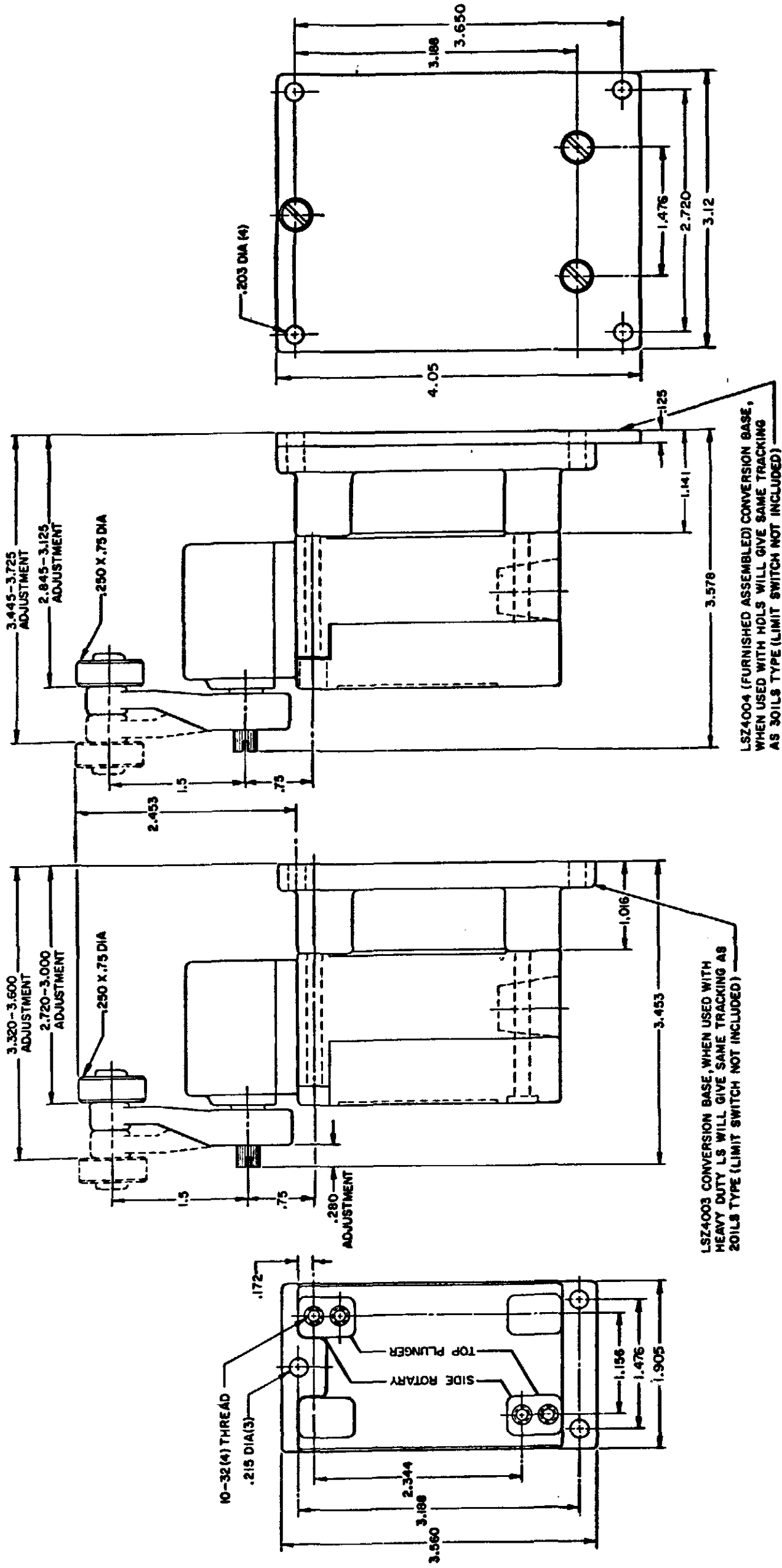
REV	DATE	BY	CHKD	DESCRIPTION
L	0031956			BS
B	10JUL07			201004
C	201748			201748
D	202198			202198
E	204871			204871
F	206581			206581
G	206763			206763
H	207179			207179
J	207474			207474
K	0006871			0006871

ISSUE	CATALOG LISTING	12	PSR	10JUL07	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
M	LSA-LSW SERIES CHART 1	PAGE 9 OF 10						
MAM	15 JUN 94	CHKD	JAF	11 JUL 94	CHKD	AK	11 AUG 04	CHKD

CONVERSION BASES

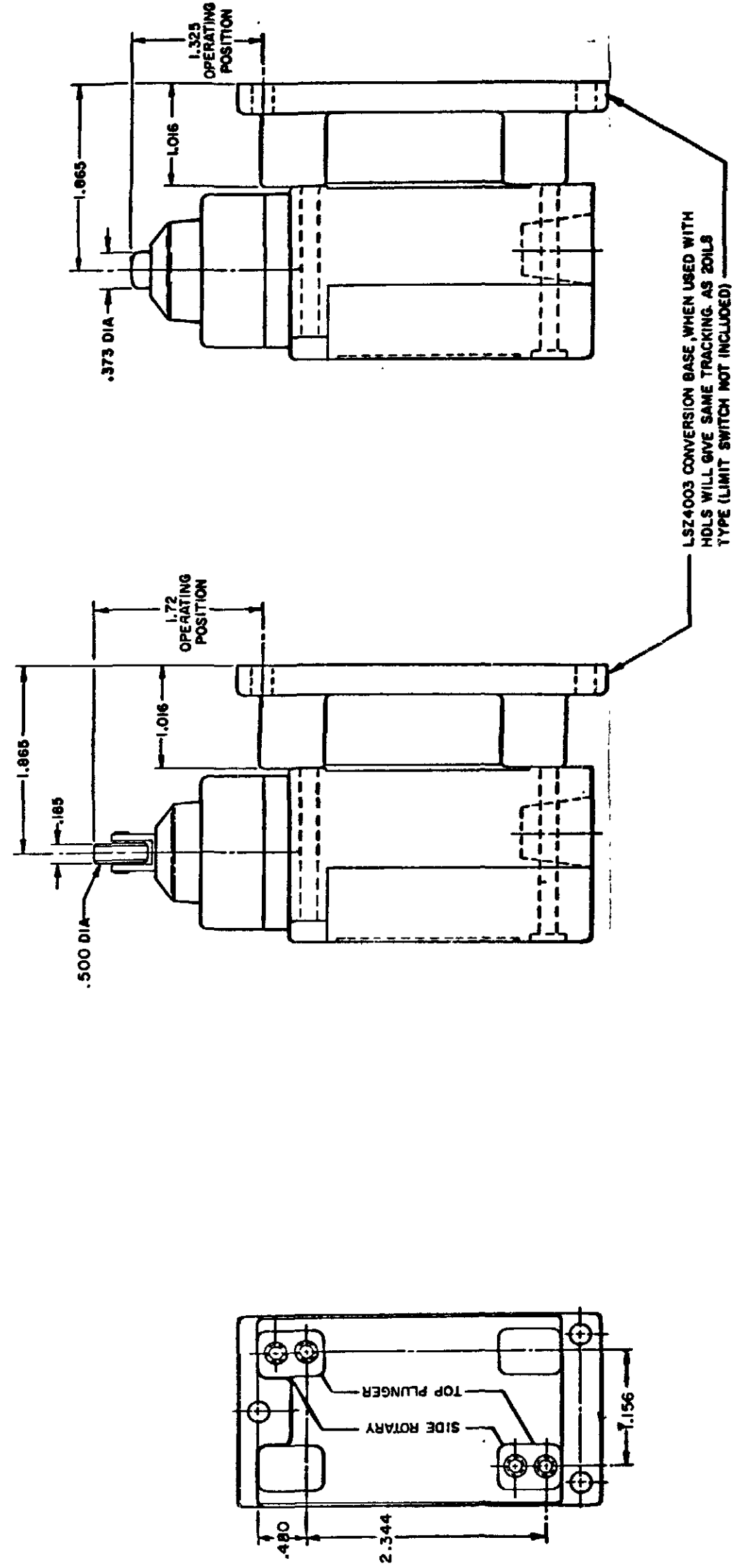
SINGLE POLE
(SIDE ROTARY)
LSZ 4003

DOUBLE POLE
(SIDE ROTARY)
LSZ4004



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMITS

SINGLE POLE
TOP PLUNGER
LSZ4003



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMIT SWITCH

HEAD TYPE	CELLULOSE	DETERGENT	5 STAR	ASTM #1	ASTM #2	ASTM #3	ASTM #4	HOUGHTON SAFE 271	HOUGHTON SAFE 620	1010, 1055, 1120	MINERAL OIL	PETR. OIL CRUDE	SUNSAFE	BEER	STODDARD SOLV.	CHLORINATED SOLVENTS	CITRIC ACID	DI-ESTER SYN. LUBRICANTS	OZONE	HYDRAUL	PROGUARD	PETRO BASE HYDRAULIC OIL	LARD OIL	SILICATE ESTERS
LSA	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSB	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSC	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSD	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSE	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSF	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	2	4	4	2	2	2
LSG	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSH	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSJ	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSK	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSL	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSM	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSN	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSP	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSR	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSV	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2
LSW	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	2	4	4	2	2	2
LST	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																							
LSS	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																							

CODE: 1 SATISFACTORY 2 FAIR 3 DOUBTFUL 4 UNSATISFACTORY

TEMPERATURE LIMITATIONS FOR STANDARD DEVICES		
TYPES	LOW LIMIT	HIGH LIMIT
LSA	+10°F	+250°F
LSB	+30°F	+250°F
LSC	+10°F	+200°F
LSD	+10°F	+200°F
LSE	+10°F	+200°F
LSF	+10°F	+200°F
LSG	+30°F	+200°F
LSH	+30°F	+250°F
LSJ	+10°F	+200°F
LSK	+10°F	+200°F
LSL	+10°F	+250°F
LSM	+30°F	+250°F
LSN	+30°F	+250°F
LSP	+10°F	+250°F
LSR	+30°F	+250°F
LSV	+10°F	+200°F
LSW	+10°F	+200°F
LST	+30 F	+170°F
LSS	+30°F	+170°F



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

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Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

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