

SOLENOID PRODUCT SPECIFICATION

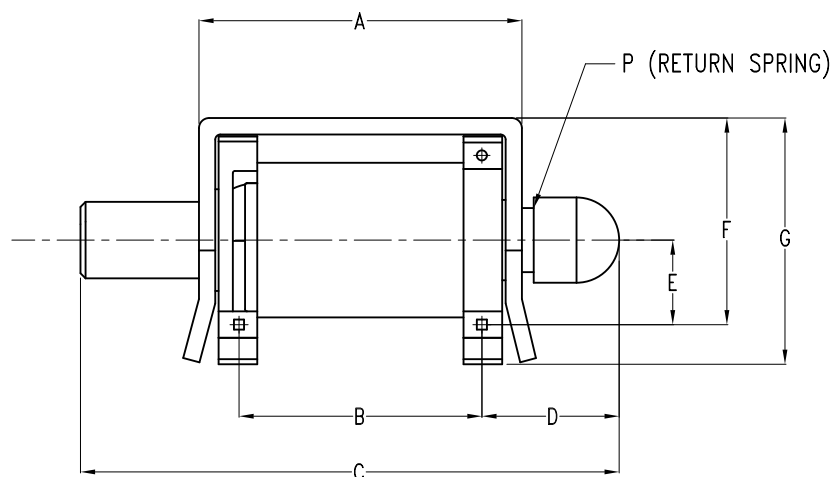
PART No.	VOLTAGE	DUTY CYCLE	POWER (W)	CURRENT (A)	DCR (Ω) *
DSOS-0416-102D	102 Vdc	2%, 0.5 sec On.	346	3.4	30
DSOS-0416-204D	204 Vdc	2%, 0.5 sec On.	302	1.48	138

* OPERATION: POWER TO PUSH, BUILT-IN RETURN SPRING.

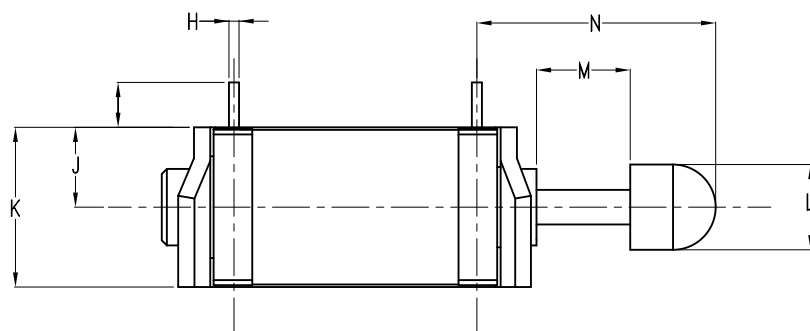
* DCR VALUES ARE $\pm 10\%$ AT 25°C

1. MECHANICAL DIMENSIONS :

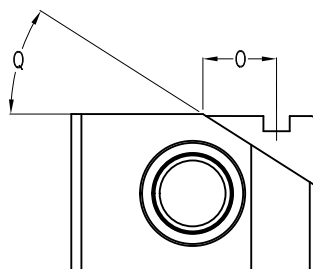
* WEIGHT ARE 6 GRAMS $\pm 10\%$.



PLUNGER AND PLUNGER TIP SHOWN
IN RESET (NON ACTIVATED) POSITION

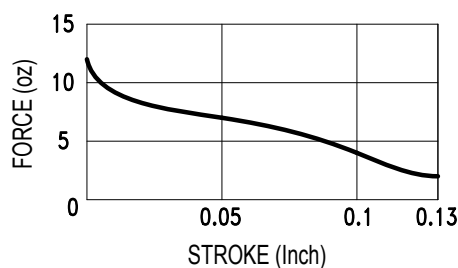
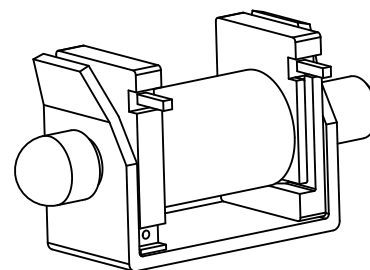


PLUNGER AND PLUNGER TIP SHOWN
IN FULLY ACTIVATED POSITION



UNIT : INCH

A	= .622 $\pm$.010
B	= .476 $\pm$.011
C	= 1.00 $\pm$.010
D	= .263 $\pm$.010
E	= .158 $\pm$.011
F	= .393 $\pm$.013
G	= .471 $\pm$.013
H	= 2X- SQ .023 $^{+.015}_{-.001}$
I	= 2X- .07 $^{+.010}_{-.020}$
J	= .152 $\pm$.010
K	= .304 $\pm$.010
L	= $\varnothing$.165 $\pm$.010
M	= .139 REF.
N	= .402 $^{+.011}_{-.022}$
O	= 2X.134 $\pm$.016
P	= 0.008 MAX. (RETURN SPRING)
Q	= 34° $\pm$ 1°



INSULATION MATERIALS: UL CONSTRUCTION, CLASS A 105°C
LIFE EXPECTANCY: 100K CYCLES OPERATIONS

LAYER TEST	IR. @500 Vdc.	HI-POT
(S-F) : 500Vp. MIN.	COIL TO FRAME	@50/60Hz.,2mA
TEST ONLY COIL	100 MOHM MIN.	COIL TO FRAME
		1500Vac., 60s