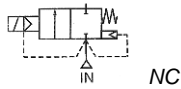


Media: water  
 Pressure range: 0.3 to 16 Bar max  
 Media temp: -10°C to +140°C max  
 Ambient temperature: -20°C to +60°C  
 Media viscosity: 40 centistokes max  
 Mounting: coil upright preferred  
 Open / Close: 70-650 mSec Max



# 2/2 Brass WRAS

## 3/8 - 2

### NORMALLY CLOSED

### 2 WAY SERVO ASSISTED

### 0.5 – 16 Bar

# TYPE L182D



#### PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/min	Pressure Rating (Bar) ΔP		Max Working	Coil	Open / Close Times mSec	Part Number
			Min	Max				
3/8	13	40	0.3	16	20	ZB10A	70 670	L182D01-3/8 + voltage
1/2	13	40	0.3	16	20		70 600	L182D01-1/2 + voltage
3/4	25	165	0.3	12	20		70 500	L182D01-3/4 + voltage
1	25	165	0.3	12	20		90 420	L182D01-1 + voltage
1 1/4	30	250	0.5	10	10	ZA10A	100 650	L182D48-114 + voltage
1 1/2	45	450	0.5	10	10		360 650	L182D48-112 + voltage
2	45	567	0.5	10	10		360 650	L182D-2 + voltage

#### OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A NPT Thread Manual override	<b>Included</b>
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#### ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
		Inrush	Holding			
~ 24 – 115 – 230 (50 or 60 Hz)	ZB10A	12VA	6VA	F 155°C	IP 65 with connector	3 spades DIN 43650B DIN 40050 VDE 0110
= 12 – 24 (DC)		5.5 Watts				
~ 24 – 115 – 230 (50 or 60 Hz)	ZA10A	23	14			
= 12 – 24 (DC)		9 Watts				

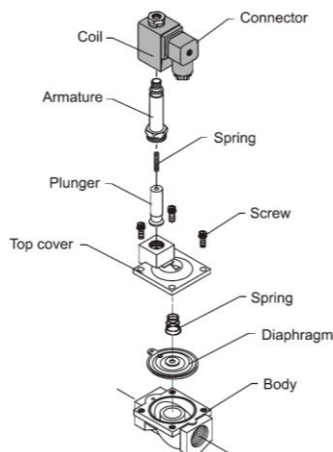
#### CONSTRUCTION

Body: Brass  
 Tube and internal parts: Stainless steel  
 Seals and gaskets: EPDM WRAS + KTW Approved  
 PA Fibreglass reinforced

#### REPAIR KIT

Diaphragm Seal	L182 + valve part number
Coil	ZB10A or ZA10A + voltage
Armature assembly (Normally Closed)	Armature + valve part number

#### OVERALL DIMENSIONS



Port	3/8	1/2	3/4	1	1 1/4	1 1/2	2
A	60	66	79	105	113	140	157
B	66	68	72.5	85	106	110	114
C	40	40	50	71	81	110	110
Kg	0.32	0.38	0.52	1.08	1.59	2.5	3.0

