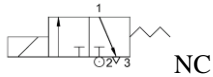


Media: air – water – gas – light oil - vacuum  
 Pressure range: 0 to 8 Bar max  
 Media temperature: 145°C max\*  
 Ambient temperature: -15°C to +50°C max  
 Media viscosity: 50 centistokes max  
 Mounting: any position  
 Open 5 to 20ms Close 10 to 40ms

FUNCTION 1



# 3/2 Brass

## 1/8 – 1/4 (Exhaust M5)

### NORMALLY CLOSED

### 3 WAY DIRECT ACTING

### 0 – 8 Bar

## TYPE BT0406



#### PRESSURE

Ø Port BSP	Orifice (mm)		Flow Kv Ltr/Min	Pressure Rating (Bar)			Seals	Part Number (Replace xx with port size)
	Base	Top		Min	6 Watt Coil 2	5.2W ATEX Coil 2E		
1/8 (04)	1.0	1.2	0.42	0	6.5	5.5	NBR-5 °C to +80°C  EPDM, FKM -10 °C to +80 °C	BTxx12 + seal + voltage
	1.3		0.71	0	6	4.8		BTxx22 + seal + voltage
	1.6		1.28	0	4	3.5		BTxx32 + seal + voltage
1/4 (06)	2.0	1.5	2.0	0	2.8	2.0	FFKM -20 °C to +80 °C	BTxx42 + seal + voltage
	2.5		2.57	0	1.2	0.8		BTxx52 + seal + voltage

Port	Base	Top	Flow Kv	Min	6.8 Watt Coil 3	Seals	Part Number (Replace xx with port size)
1/8 (04)	1.0	1.0	0.42	0	8	NBR-5 °C to +80 °C  EPDM FKM FFKM -10 °C to +145 °C	BTxx13 + seal + voltage
	1.2		0.71	0	7		BTxx23 + seal + voltage
	1.6		1.28	0	5.5		BTxx33 + seal + voltage
1/4 (06)	2.0	1.2	2.0	0	3.5		BTxx43 + seal + voltage
	2.4		2.57	0	1.5		BTxx53 + seal + voltage

#### OPTIONS

Connector PG9 – DIN 43650  
 NPT Thread  
 ATEX coil 2E 5.2W EExmII4 II 2G & 2D IP65 T130°C   
 FKM (V) or EPDM (J) seal  
 FFKM (Kalrez Z) seal

#### ELECTRICAL DATA

Voltage (-8% + 8%) Continuous duty 100%	Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
~ 24 - 48 - 110 - 230 (50/ 60Hz)	Coil 2 22001/5 22mm	6.9VA	F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
= 12 - 24 (DC)		6 Watts			
~ 24 - 48 - 110 - 230 (50/ 60Hz)	Coil 3 22002/6 30mm	8VA			
= 12 - 24 - 48 - 240 (DC)		6.8 Watts			

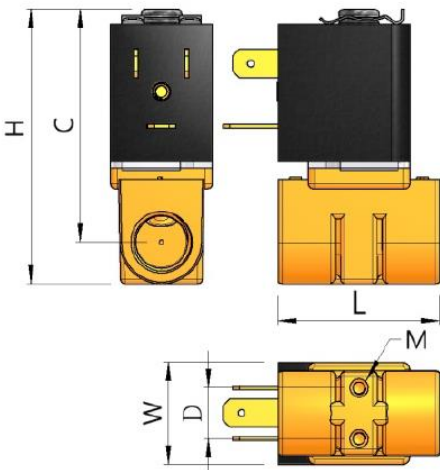
#### CONSTRUCTION

Body: Brass, Tube and internal parts: Stainless steel  
 Seals and gaskets: NBR, FKM, EPDM or FFKM (Kalrez)  
 Moulded coil: Resin

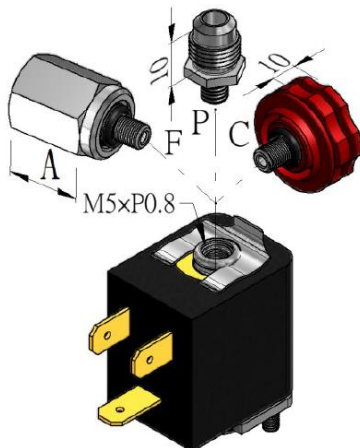
#### REPAIR KIT

Coil	Coil 2 (22001/5) or Coil 3 (22002/6) + voltage
Armature	SP + Valve Part Number -ARMATURE

#### OVERALL DIMENSIONS



	L	W	H	C	D	M	Kg
BT04	35	22 or	60	51	11	M3	0.52
BT06	35	30	60	51	11	M3	0.50



#### OPTION ACCESSORY BRACKET

