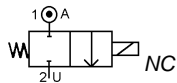


Media: Water, Air, Light oil, Vacuum
 Pressure range: 0 – 25 Bar
 Media temperature: 120°C
 Ambient temperature: -10°C to +50°C
 Media viscosity: 50 centistokes max
 Weight (including coil): 260 - 580g
 Opening: 5 – 20 mSec
 Closing: 10 – 40mSec



2/2 Brass 90°

1/4 - 3/8 - 1/2

NORMALLY CLOSED 2 WAY DIRECT ACTING

0 – 25 Bar

TYPE DB



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Cv	Pressure Rating (Bar) Coil 2			Seals Max Media Temp	Part Number
			Min	AC	DC		
1/4 (06)	2.0	0.03	0	13	5	NBR or FKM +90°C	DB + port + 12 + seal + voltage
	2.5	0.05	0	7	2.5		DB + port + 22 + seal + voltage
	3.0	0.09	0	5	2		DB + port + 32 + seal + voltage
	3.5	0.14	0	2	0.5		DB + port + 42 + seal + voltage
Or	Pressure Rating (Bar) Coil 3						
3/8 (09)	2.0	0.03	0	20	10	NBR +90°C FKM +145°C	DB + port + 13 + seal + voltage
	2.5	0.05	0	11	6		DB + port + 23 + seal + voltage
	3.0	0.09	0	9	4		DB + port + 33 + seal + voltage
	3.5	0.14	0	4	2		DB + port + 43 + seal + voltage
Pressure Rating (Bar) Coil 4							
3/8 (10)	3.5	0.10	0	20	16	NBR +90°C FKM +160°C	DB + port + 14 + seal + voltage
	4.0	0.15	0	16	13		DB + port + 24 + seal + voltage
	4.5	0.20	0	13	10		DB + port + 34 + seal + voltage
	5.0	0.31	0	8	5		DB + port + 44 + seal + voltage
	6.0	0.54	0	4.5	1.5		DB + port + 54 + seal + voltage
Or	Pressure Rating (Bar) Coil 5						
1/2 (15)	3.5	0.10	0	25	20	NBR +90°C FKM +160°C	DB + port + 15 + seal + voltage
	4.0	0.15	0	20	16		DB + port + 25 + seal + voltage
	4.5	0.20	0	16	13		DB + port + 35 + seal + voltage
	5.0	0.31	0	12	10		DB + port + 45 + seal + voltage
	6.0	0.54	0	7	3		DB + port + 55 + seal + voltage

OPTIONS

IP65 Coil & Connector PG9 – (DIN 43650 B 1/8 & 1/4 Ports) (DIN 43650A 3/8 Port)
 ATEX 22001EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C ⚠ (pressure range same as coil 2 - 22001)
 ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C ⚠ (pressure range same as coil 4 - 22003)
 NPT thread

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~ 24 - 110 - 230 (50 or 60 Hz)	= 12 - 24 (DC)	Coil 2 22001	11.6 VA	8.5 VA	F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
~ 24 - 110 - 230 (50 or 60 Hz)			4.5 Watts				
~ 24 - 48 - 110 - 230 (50 or 60 Hz)	= 12 - 24 (DC)	Coil 3 830P6	17 VA	10.5 VA			
~ 24 - 48 - 110 - 230 (50 or 60 Hz)			6.8 W				
~ 24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	= 12 - 24 - 48 (DC)	Coil 4 22003	23 VA	17 VA	H 180°C		
~ 24 - 48 - 110 - 230 - 380 (50 or 60 Hz)			15 W				
~ 24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	= 12 - 24 - 48 (DC)	Coil 5 22005	33 VA	24 VA			
~ 24 - 48 - 110 - 230 - 380 (50 or 60 Hz)			18.5 W				

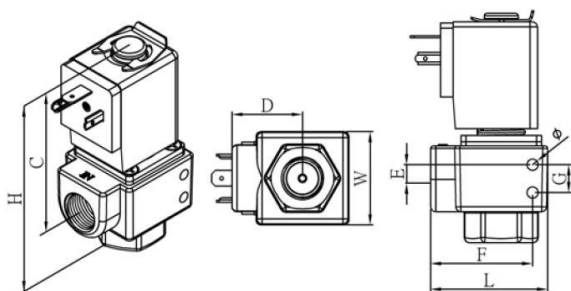
CONSTRUCTION

Body: Brass
 Tube and internal parts: stainless steel
 Seals and gaskets: NBR (Optional FKM)
 Moulded coil : Resin

REPAIR KIT

Coil	Coil (830P6 or 22003 or 22005) + voltage
Complete plunger + O' rings	Valve Part Number + seal material

OVERALL DIMENSIONS



Port	L	W	H	C	D	E	F	G	Ø	Weight g according to coil			
										#2	#3	#4	#5
06	36	31	69	49	21	8.5	30	11	4.5	260	300	-	-
09										250	290	-	-
10	46	37	91	67	28	7	41	11	4.5	-	-	500	590
15										-	-	490	580