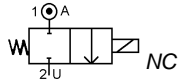


Media: Water, Air, Light oil, Vacuum
 Pressure range: 0 – 25 Bar
 Media temperature: 160°C Max*
 Ambient temperature: -10°C to +50°C
 Media viscosity: 50 centistokes max
 Weight (including coil): 260 - 580g
 Opening: 5 – 20 mSec
 Closing: 10 – 40mSec



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 Kv L/min	Pressure Rating (Bar) 6 Watt Coil 2			Seals Max Media Temp	Part Number
			Min	AC	DC		
1/4 (06)	2.0	0.42	0	13	5	NBR or FKM +90°C	DBxx12 + port + seal + voltage
	2.5	0.71	0	7	2.5		DBxx22 + port + seal + voltage
	3.0	1.28	0	5	2		DBxx32 + port + seal + voltage
	3.5	2	0	2	0.5		DBxx42 + port + seal + voltage
Or	Pressure Rating (Bar) 6.8 Watt Coil 3						
3/8 (09)	2.0	0.42	0	20	10	NBR +90°C FKM +145°C	DBxx13 + port + seal + voltage
	2.5	0.71	0	11	6		DBxx23 + port + seal + voltage
	3.0	1.28	0	9	4		DBxx33 + port + seal + voltage
	3.5	2	0	4	2		DBxx43 + port + seal + voltage
Pressure Rating (Bar) 15 Watt Coil 4							
3/8 (10)	3.5	1.43	0	20	16	NBR +90°C FKM +160°C	DBxx14 + port + seal + voltage
	4.0	2.14	0	16	13		DBxx24 + port + seal + voltage
	4.5	2.86	0	13	10		DBxx34 + port + seal + voltage
	5.0	4.43	0	8	5		DBxx44 + port + seal + voltage
	6.0	7.72	0	4.5	1.5		DBxx54 + port + seal + voltage
Or	Pressure Rating (Bar) 18 Watt Coil 5						
1/2 (15)	3.5	1.43	0	25	20	NBR +90°C FKM +160°C	DBxx15 + port + seal + voltage
	4.0	2.14	0	20	16		DBxx25 + port + seal + voltage
	4.5	2.86	0	16	13		DBxx35 + port + seal + voltage
	5.0	4.43	0	12	10		DBxx45 + port + seal + voltage
	6.0	7.72	0	7	3		DBxx55 + port + seal + voltage

OPTIONS

IP65 Coil & Connector PG9 – (DIN 43650B Coil 2) or (DIN 43650A Coil 3,4+5))
 5.2 Watt system 8/30 ATEX EExmII T4 II 2G & 2D IP65 T130°C (pressure range same as coil 2)
 10.1 Watt system 13/36 ATEX EExmII T4 II 2G & 2D IP65 T130°C (pressure range same as coil 4)
 NPT thread

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
~	24 - 110 - 230 (50/60 Hz)	Coil 2 22001/5	6.9VA	F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 (DC)		6 Watts			
~	24 - 110 - 230 (50/60 Hz)	Coil 3 22002/6	8VA			
=	12 - 24 (DC)		6.8 Watts			
~	24 - 48 - 110 - 230 (50/60 Hz)	Coil 4 22003	19.5VA	H 180°C		
=	12 - 24 - 48 (DC)		15Watts			
~	24 - 48 - 110 - 230 - 380 (50/60Hz)	Coil 5 22005	23VA			
=	12 - 24 - 48 (DC)		18.5 W			

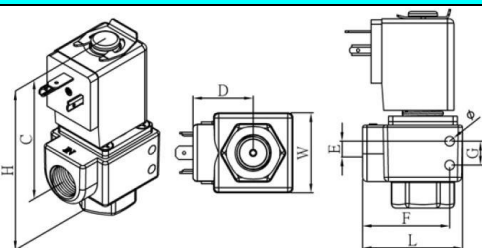
CONSTRUCTION

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	#2	#3	#4	#5
09										260	300	-	-
10	46	37	91	67	28	7	41			250	290	-	-
15										-	-	500	590
										-	-	490	580