

K222 Series



DESCRIPTION

Solenoid valve 2/2 way normally open
direct acting poppet type

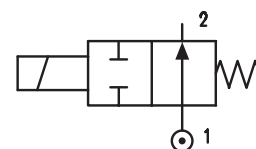
MATERIAL

Body	Stainless steel AISI 304
Armature tube	Stainless steel
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR FPM (VITON) EPDM

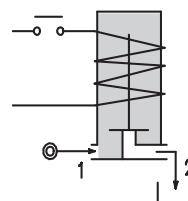


FEATURES

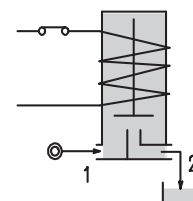
Maximum allowable pressure 10 bar
Maximum fluid viscosity 25cSt (mm²/s)
Ambient temperature : with class H coil -10°C +80°C
Universal mounting position



(energized)



(de-energized)



Technical Data

CODE ①	Connection G ISO 228	Orifice mm	KV m³/h	Operating pressure bar			Nominal power			Coil		Seal	Temp. range °C
				Min	Max		AC Inrush	VA Holding	DC Watt	Series ②	Width		
					AC	DC							
K222 213	1/2”	16	4.8	0	7	7	35	28	30	1643	46	NBR=00	-10 +90
K222 313	3/4“	20	7.6	0	7	7	35	28	30	1643	46		
K222 413	1”	25	12	0	7	7	35	28	30	1643	46	EPDM=14	<+140
K222 513	1¼”	35	24	0	7	7	35	28	30	2056	64		
K222 613	1½”	40	29	0	7	7	35	28	30	2056	64	FPM=03	-10 +130
K222 713	2”	50	48	0	7	7	35	28	30	2056	64		

① Seal NBR=01 EPDM=04 FPM=03

② Coil 1643 (1/2".....1"), Coil 2056 (1¼".....2")

Ordering Example

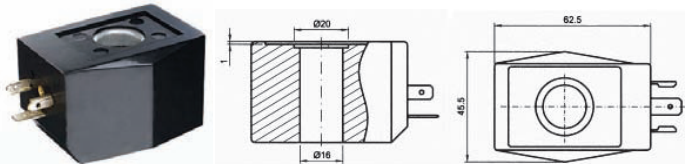
To order a 2/2 way solenoid valve, FPM seal, N.open 230VAC 50hz

Port: G 3/4"

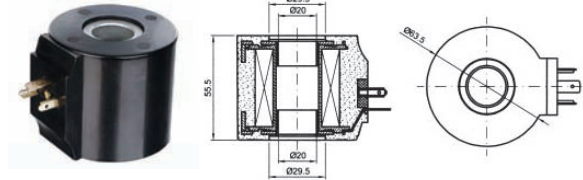
Type: **K222 313.1643.23050**

COILS	Alternating Current ~50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
K222 Width 46 Code ②	1643 .01250	1643 .02450	1643 .04850	1643 .11050	1643 .23050	-	-	1643 .01200	1643 .02400	1643 .04800	DIN 43650A	PG11
K222 Width 64 Code ②	2056 .01250	2056 .02450	2056 .04850	2056 .11050	2056 .23050	-	-	2056 .01200	2056 .02400	2056 .04800	DIN 43650A	PG11

DESCRIPTION
 Insulation class H
 Voltage tolerance
 AC +15% -10%
 DC ± 10%
 Protection class
 IP65 with connector fitted
 IP00 without connector
 Continuous service ED100%



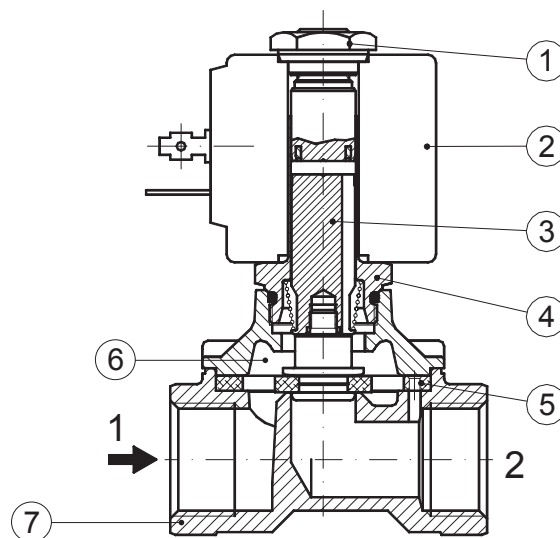
1640 Coil Weight 0.2Kg



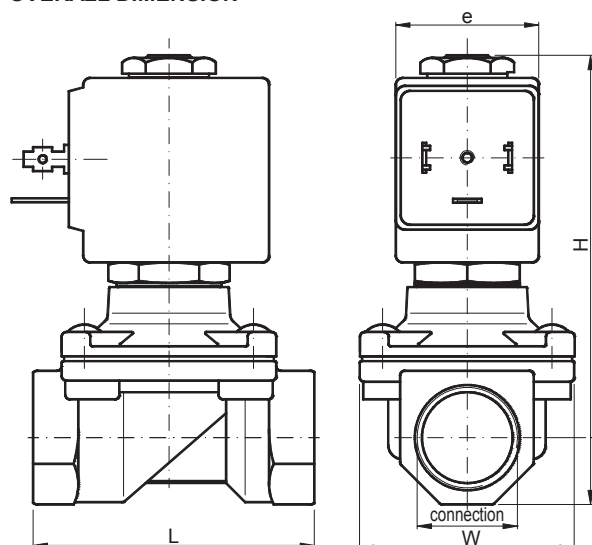
2056 Coil Weight 0.6Kg

SPARE PARTS LIST

1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube with core
5. Body O-Ring
6. Valve Diaphragm
7. Valve Body



OVERALL DIMENSION



Connection	L	H	W	e with 1640 Coil	e with 2056 Coil	Weight kg
G1/2"	69	110	57	46	-	0.76
G3/4"	73	116	57	46	-	0.86
G1"	99	123	77	46	-	1.34
G1¼"	123	168	94	-	64	2.46
G1½"	123	168	94	-	64	2.46
G2"	165	183	123	-	64	4.30

Modification of technical and dimensional specifications reserved