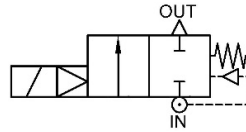




2/2 N.C. Pilot Piston Series

Opening: 100~300ms
Closing: 300~2000ms



Power Consumption	COIL#	#4	#5	#3E
	AC (VA)	18.0	24.0	8.6
	Final Temp. °C	88.0	93.0	63.0
	DC (W)	15.0	18.5	10.0
	Final Temp. °C	103.0	109.0	82.0

SEAL	Temp. °C	#4	#5	#3E
	N: NBR	-5~80		
	V: FKM	-10~145		
	T: PTFE	-10~155	-10~185	-10~155

Ambient Temp. : -15°C~50°C (No Freezing)

WA SPECIFICATIONS Forged Brass Body, for Air · Water · Gas etc.

CODE (PIPE)	Orifice mm	Seal	COIL	Working Pressure 0.5~ bar						CV
				#4		#5		#3E		
				AC	DC	AC	DC	AC	DC	
10(3/8")	15	NBR	#4 、 #5 、 #3E	8	6	15	10	7	5	3.0
15(1/2")				8	6	15	10	7	5	4.0
20(3/4")	20			6	4	12	7	4	3	6.8
25(1")	25			6	4	12	7	4	3	11.0
32(1 1/4")				6	4	12	7	4	3	16.0
40(1 1/2")	31			6	4	12	7	4	3	21.0
45(1 1/2")				4	3	10	5	3	2	26.0
50(2")	41	4	3	10	5	3	2	31.0		

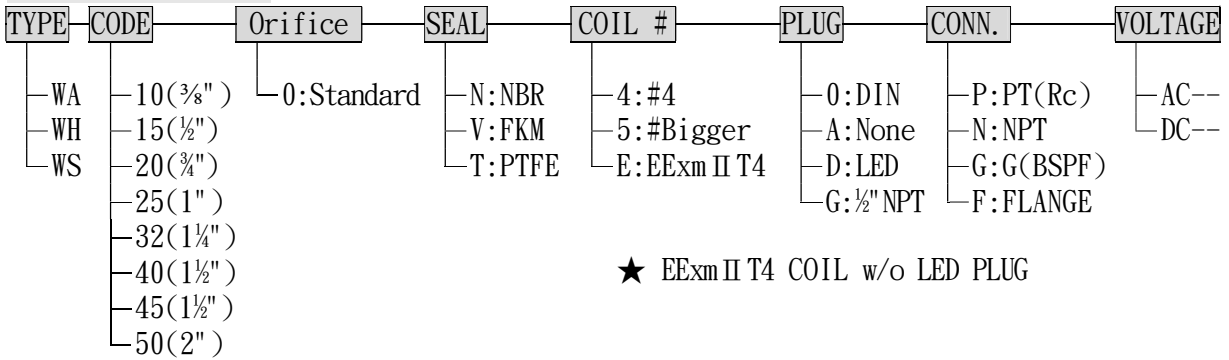
WH SPECIFICATIONS Forged Brass Body, for Heavy Oil · High Viscosity Fluids(max. 120cst) etc.

CODE (PIPE)	Orifice mm	Seal	COIL	Working Pressure 0.5~ bar						CV
				#4		#5		#3E		
				AC	DC	AC	DC	AC	DC	
10(3/8")	15	FKM	#4 、 #5 、 #3E	8	6	15	10	7	5	3.0
15(1/2")				8	6	15	10	7	5	4.0
20(3/4")	20			6	4	12	7	4	3	6.8
25(1")	25			6	4	12	7	4	3	11.0
32(1 1/4")				6	4	12	7	4	3	16.0
40(1 1/2")	31			6	4	12	7	4	3	21.0
45(1 1/2")				4	3	10	5	3	2	26.0
50(2")	41	4	3	10	5	3	2	31.0		

WS SPECIFICATIONS Forged Brass Body, for Steam (internal leakage)

CODE (PIPE)	Orifice mm	Seal	COIL	Working Pressure 0.5~ bar						CV
				#4		#5		#3E		
				AC	DC	AC	DC	AC	DC	
10(3/8")	15	PTFE	#4 、 #5 、 #3E	8	6	15	10	7	5	3.0
15(1/2")				8	6	15	10	7	5	4.0
20(3/4")	20			6	4	12	7	4	3	6.8
25(1")	25			6	4	12	7	4	3	11.0
32(1 1/4")				6	4	12	7	4	3	16.0
40(1 1/2")	31			6	4	12	7	4	3	21.0
45(1 1/2")				4	3	10	5	3	2	26.0
50(2")	41	4	3	10	5	3	2	31.0		

TYPE INDICATION



Examples

Example 1: WA15-0-N-4-0-P DC24V

TYPE WA、1/2" PT、NBR Seal、Nass #4 Coil、Standard Plug、DC24V

Example 2: WH50-0-V-5-D-F AC220V

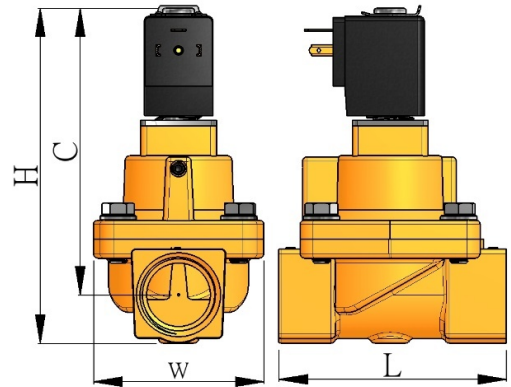
TYPE WH、2" FLANGE、FKM Seal、Nass #5 Coil、LED Plug、AC220V

Example 3: WS50-0-T-5-0-P-0 AC220V

TYPE WS、2" PT、PTFE Seal、Nass #5 Coil、Standard Plug、AC220V

DIMENSIONS/Weight

CODE (PIPE)	DIMENSION: mm				NET WEIGHT: kg		
	L	W	H	C	#4	#5	#3E
10(3/8")	77	51	131	116	1.14	1.22	1.44
15(1/2")					1.11	1.19	1.41
20(3/4")	82	61	135	118	1.34	1.42	1.63
25(1")	93	72	142	122	1.82	1.89	2.11
32(1 1/4")	101	76	165	137	2.88	2.95	3.17
40(1 1/2")					2.62	2.69	2.91
45(1 1/2")	123	95	185	148.5	4.80	4.88	5.09
50(2")					4.23	4.31	4.52



FLANGE DIMENSIONS/WEIGHT(JIS10K IRON FLANGE)

CODE (PIPE)	DIMENSION: mm			NET WEIGHT: kg		
	LF	WF	HF	#4	#5	#3E
25F	138	125	184	4.21	4.28	4.55
32F	155	140	207	5.99	6.06	6.28
40F				6.07	6.14	6.36
45F	175	155	255	8.25	8.33	8.54
50F				8.35	8.43	8.64

