

Characteristic: 1. Direct pull piston structure  
2. Open pressure 0, large flow

Medium: Steam and Hot Water, Civil gas, Oil, etc.

Temperature: PTFE Seal: -10°C to 180°C  
Graphite Seal: -10°C to 220°C

Pressure: 0.03Mpa~1.6Mpa, 0.03Mpa~2.5Mpa

Port Size: 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

Port Thread: BSPP, BSPT, NPT, FLANGE

Orifice(mm): 12, 15, 20, 25, 32, 40, 50

Voltage: DC-12V, 24V  
AC-24V, 120V, 240V/60Hz; 110V, 220V/50Hz

Tolerance: ±10%

Coils: S32B,40VA(AV),18W(DC),IP65, 100%ED  
S42B,50VA(AV),20W(DC),IP65, 100%ED  
S51B,30VA(AV),24W(DC),IP65, 100%ED  
SD01B,28VA(AV),36W(DC),IP65, 100%ED

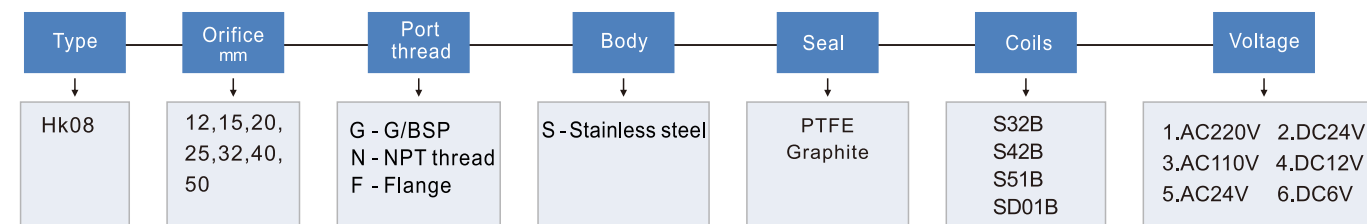
Material: Body - Brass or stainless steel  
Seal - VITON or PTFE  
Armature Tube - Stainless Steel304  
Plunger - Stainless Steel 430F  
Stop - SS 403F  
Springs - SS 304  
Shading Rings - Stainless Steel 304



**Coils Parameters**

Model	Picture	Voltage	Motor Power	Protection Class	Available For	Outline Size Drawing
Y32B		1.AC220V 2.AC110V 3.AC24V 1.DC24V 2.DC12V 3.DC6V	40VA 18W	IP65	DN10 DN15 DN20 DN25	
Y42B		1.AC220V 2.AC110V 3.AC24V 1.DC24V 2.DC12V 3.DC6V	50VA 20W	IP65	DN32 DN40 DN50	
S51B		1.AC220V 2.AC110V 3.AC24V 1.DC24V 2.DC12V 3.DC6V	30VA 24W	IP65	DN10 DN15 DN20 DN25	
SD01B		1.AC220V 2.AC110V 3.AC24V 1.DC24V 2.DC12V 3.DC6V	28VA 36W	IP65	DN32 DN40 DN50	

**Determine Valve Body Code**

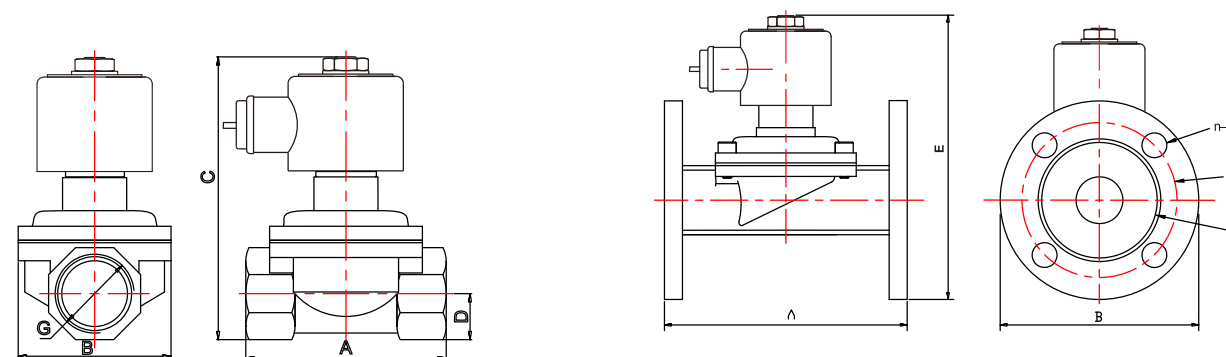


EXMAPLE:HK08 SERIES, NC, 25MM ORIFICE, 1"G, STAINLESS BODY, PET SEAL, COIL S21H, AC220V, DIN

**Technical Parameters**

Size	Port Size	Orifice mm	Cv	Min Pressure	Max Pressure	Operating Temperature	Weight
HK08-12	3/8"	12	4.5	0.03MPa	1.6MPa	PTFE -10°C~180°C  Graphite: -10°C~220°C	
HK08-15	1/2"	15	4.5	0.03MPa	1.6MPa		
HK08-20	3/4"	20	9.3	0.03MPa	1.6MPa		
HK08-25	1"	25	12	0.03MPa	1.6MPa		
HK08-32	1-1/4"	32	24	0.03MPa	1.6MPa		
HK08-40	1-1/2"	40	29	0.03MPa	1.6MPa		
HK08-50	2"	50	48	0.03MPa	1.6MPa		
HK08F-25	1"	25	12	0.03MPa	1.6MPa		
HK08F-32	1-1/4"	32	24	0.03MPa	1.6MPa		
HK08F-40	1-1/2"	40	29	0.03MPa	1.6MPa		
HK08F-50	2"	50	48	0.03MPa	1.6MPa		

**Outline Size Drawing**



Size	G	A	B	C	D
DN15	1/2"	69	48	121	13.5
DN20	3/4"	79	55	130	16.5
DN25	1"	89.2	65	133	20
DN32	1-1/4"	110	80.5	174	24
DN40	1-1/2"	120.3	94	179	28
DN50	2"	159	143	210	36

Size	G	A	B	C	D	E	n-φd
DN15	1/2"	107	∅90	∅65	∅45	120	4-∅14
DN20	3/4"	110	∅100	∅75	∅55	145	4-∅14
DN25	1"	138	∅115	∅85	∅65	165	4-∅14
DN32	1-1/4"	150	∅123	∅100	∅78	200	4-∅18
DN40	1-1/2"	160	∅140	∅110	∅85	210	4-∅18
DN50	2"	185	∅157	∅125	∅100	220	4-∅18
DN65	2-1/2"	255	∅190	∅145	∅120	245	4-∅18
DN80	3"	275	∅200	∅160	∅135	280	8-∅18
DN100	4"	342	∅225	∅180	∅155	330	8-∅18