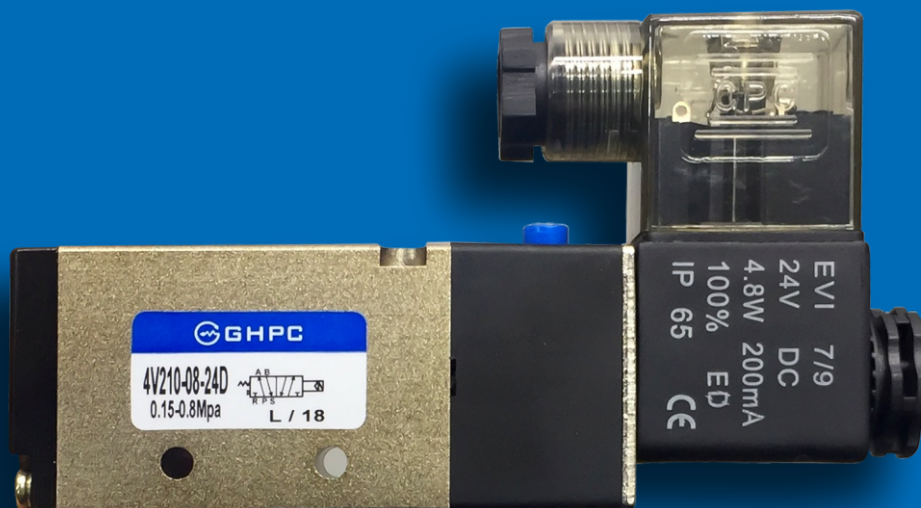


Catálogo Técnico

Válvula Direcional Solenóide 3/2, 5/2 e 5/3 Vias

Série 3V/4V



Vantagens

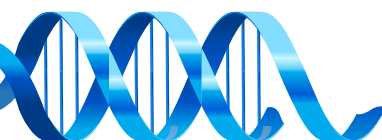
- Compacto e leve
- **Baixo custo**
- Grande variedade de Funções e Aplicações
- Acionamento Elétrico



Características Técnicas

Rosca		1/8"	1/4"	3/8"	1/2"
Fluído		Ar			
Temperatura máxima de trabalho (°C)		50			
Pressão de Trabalho (bar)	3/2 vias Simples Solenóide	1~ 8			
	5/2 vias Simples/Duplo Sole.				
	5/3 vias Duplo Solenóide	1 ~ 9			
Tempo de Resposta (ms)	5/2 vias Simples/Duplo Sole.	20		30	
	5/3 vias Duplo Solenoide.	40		50	
Ciclo Máximo de Funcionamento (Hz)	5/2 vias Simples/Duplo Sole.	3			
	5/3 vias Duplo Solenoide.	1			
Lubrificação		Não necessário			
Posição de montagem		Livre			
Resistência ao impacto / Vibração (m/s²)		300 / 50			
Proteção		IP65			
Vazão (L/min)		550	912	1554	2220

Conector			DIN
Tensão (V)	AC (50/60Hz)		110 , 220
	DC		12, 24
Tensão Admissível			-15 a +10% da Tensão Nominal
Consumo	AC	Arranque	4.5VA(60Hz)
		Mantido	4.5VA(60Hz)
	DC		3W
Indicador luminoso			LED

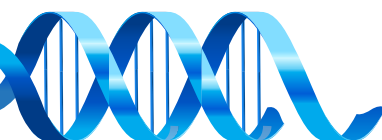


Válvula Direcional Solenóide 3/2, 5/2 e 5/3 vias - Série 3V/4V

Codificação

4	V			-		-		D	-	
4	5/2 e 5/3 vias	Série		Posição		Rosca		Tensão		
3	3/2 vias	1	100	10	3/2 vias Normal Fechada Simple Solenóide	06	1/8"	N	Sem Bobina	
		2	200			08	1/4"	12	12 Vcc	
		3	300			10	3/8"	24	24Vcc	
		4	400			15	1/2"	24A	24Vca	
V	Solenóide							110	110Vca	
								220	220Vca	
								EX	"BOBINA À PROVA DE EXPLOÇÃO" SOMENTE PARA OPÇÃO DE 24Vcc e 220Vca	
								W	COM PILOTO EXTERNO	

Exemplo: **4V410-15-220D**
4V230C-08-110D
3V320-08-12D



Bobina para Válvula com Conector Din 43650B

Bobina para válvula Série V com Conector DIN 43650B com Led



B - **V5** - **D**

Bobina - Modelo para Válvulas 3V e 4V - DIN

Tensão	
12	12Vcc
24	24Vcc
110	110Vca
220	220Vca
380	380Vca

Exemplo: B-V5-24D
B-V5-220D

Conector DIN 43650B com Led



C - **V5** - **250**

Conector DIN - Modelo para Válvulas 3V e 4V - Tensão

Tensão	
250	12Vcc, 24Vcc, 110Vca, 220Vca e 380Vca

Exemplo: C-V5-250

Bloco de Válvulas

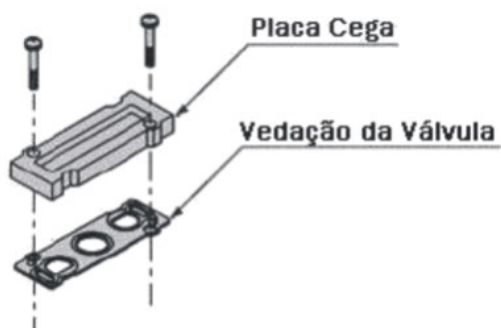


VVB - **5** - **Rosca** - **Número de estações**

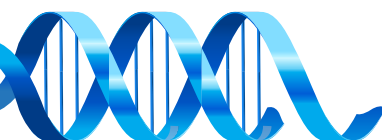
Bloco de 5 vias

Rosca	
01	1/8"
02	1/4"
03	3/8"
04	1/2"

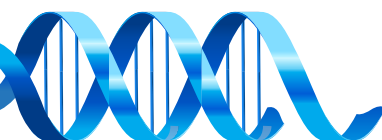
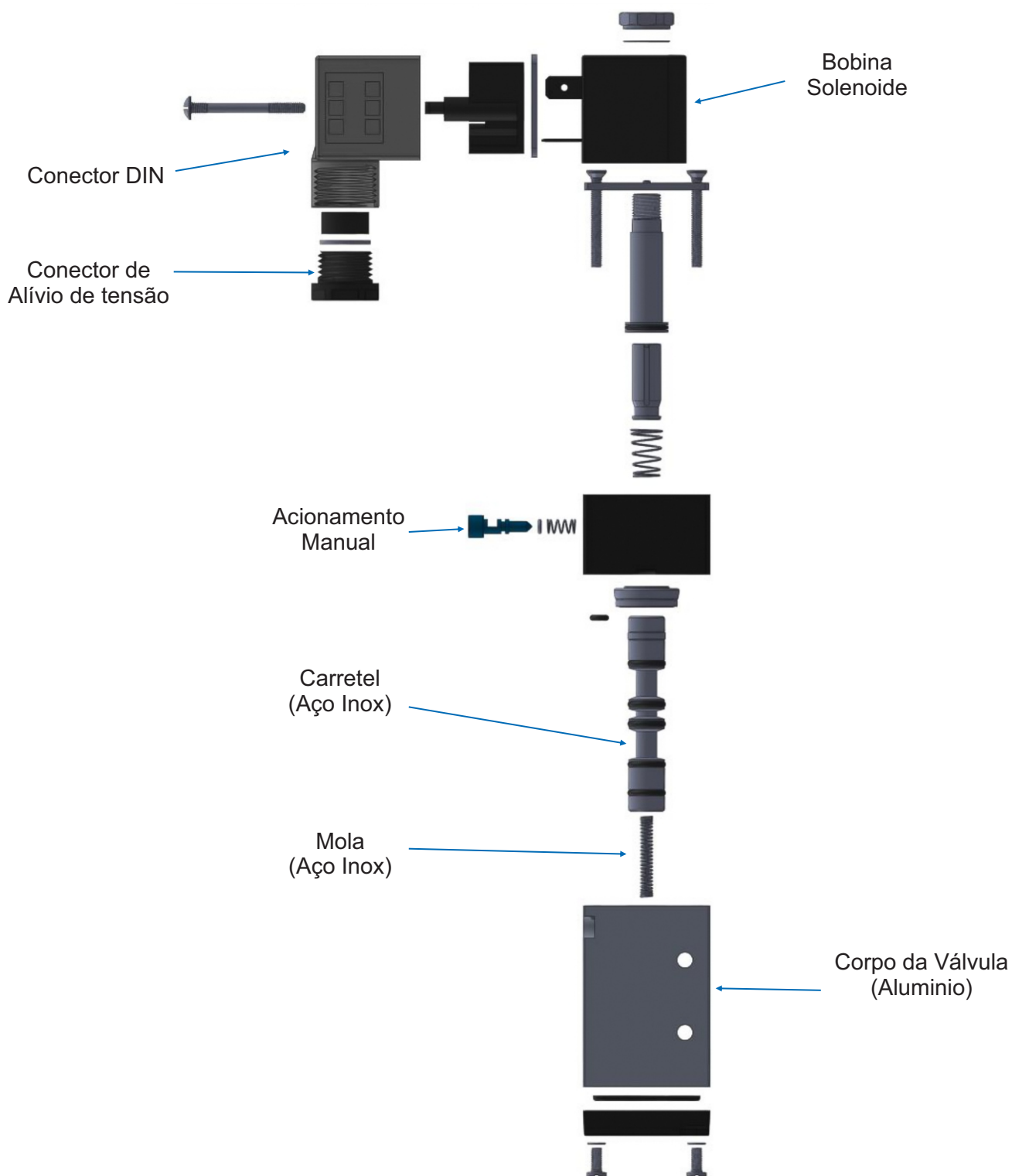
Exemplo: VVB5-03-02
VVB5-04-04
VVB5-03-10



Acessórios	Rosca	Código
Placa Cega	1/8"	VB501-PC
	1/4"	VB502-PC
	3/8"	VB503-PC
	1/2"	VB504-PC
Vedação	1/8"	VB501-GS
	1/4"	VB502-GS
	3/8"	VB503-GS
	1/2"	VB504-GS

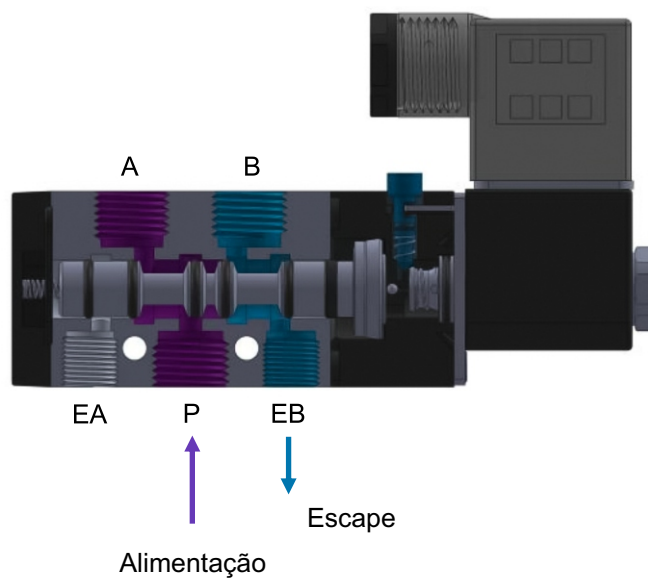


Estrutura Interna

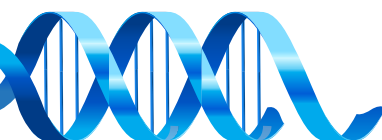
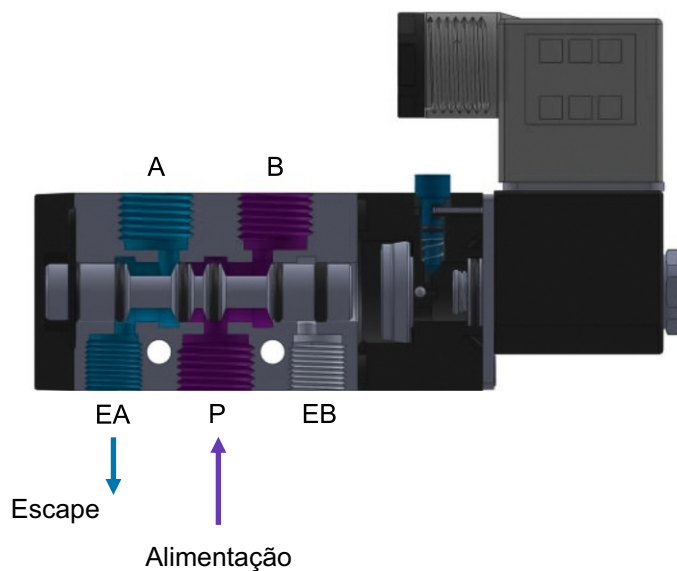


Funcionamento

- Não energizada (1ª Posição)

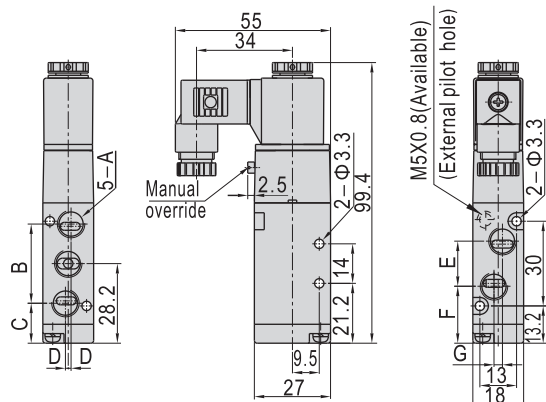


- Energizada (2ª Posição)



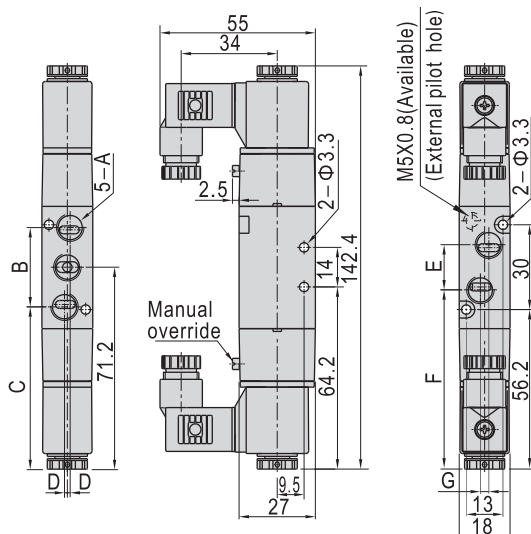
Válvula Direcional Solenóide 3/2, 5/2 e 5/3 vias - Série 3V/4V

Dimensional - 5/2vias Simples Solenoide Roscas 1/8"



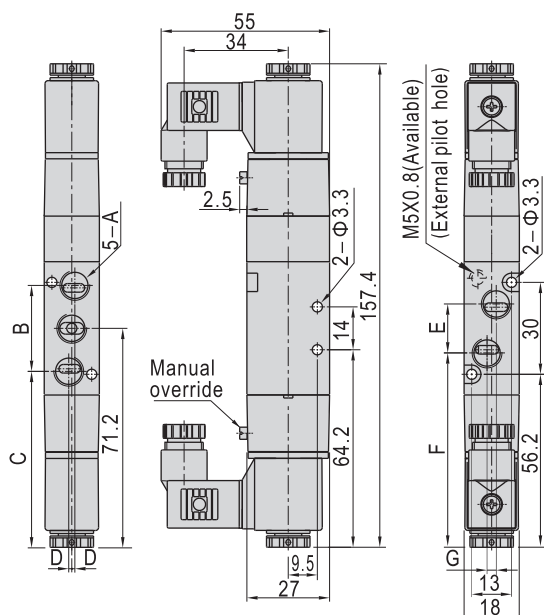
Modelo	A	B	C	D	E	F	G
4V110-06-_D	1/8"	28	14.2	1	16	20.2	3

Dimensional - 5/2vias Duplo Solenoide Roscas 1/8"

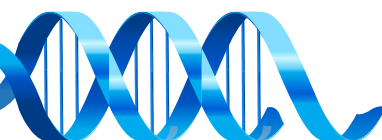


Modelo	A	B	C	D	E	F	G
4V120-06-_D	1/8"	28	57.2	1	16	63.2	3

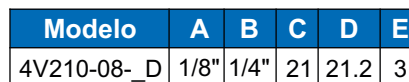
Dimensional - 5/3vias Centro Fechado/Aberto Negativo e Aberto Positivo, Rosca de 1/8".



Modelo	A	B	C	D	E	F	G
4V130C-06-_D	1/8"	28	57.2	1	16	63.2	3
4V130E-06-_D	1/8"	28	57.2	1	16	63.2	3
4V130P-06-_D	1/8"	28	57.2	1	16	63.2	3

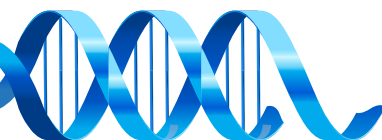


Dimensional - 5/2vias Simples Solenoide Roscas 1/4"



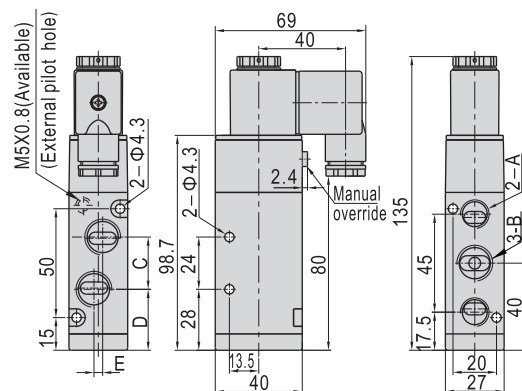
Modelo	A	B	C	D	E
4V220-08- D	1/8"	1/4"	21	74.9	3

Modelo	A	B	C	D	E
4V230C-08-_D	1/8"	1/4"	21	74.9	3
4V230E-08-_D	1/8"	1/4"	21	74.9	3
4V230P-08-_D	1/8"	1/4"	21	74.9	3



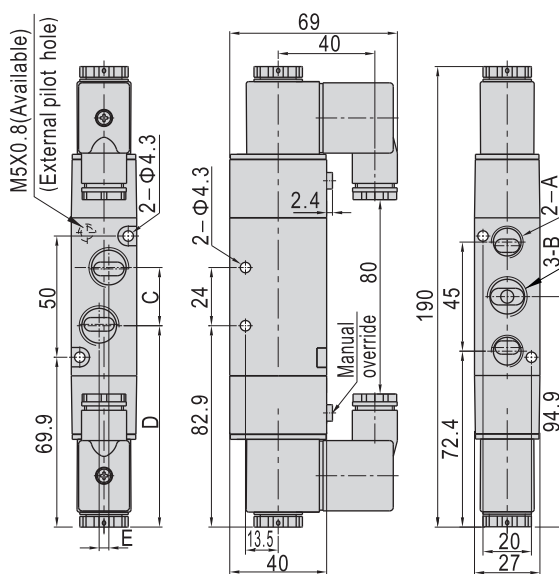
Válvula Direcional Solenóide 3/2, 5/2 e 5/3 vias - Série 3V/4V

Dimensional - 5/2vias Simples Solenoide Roscas 3/8"



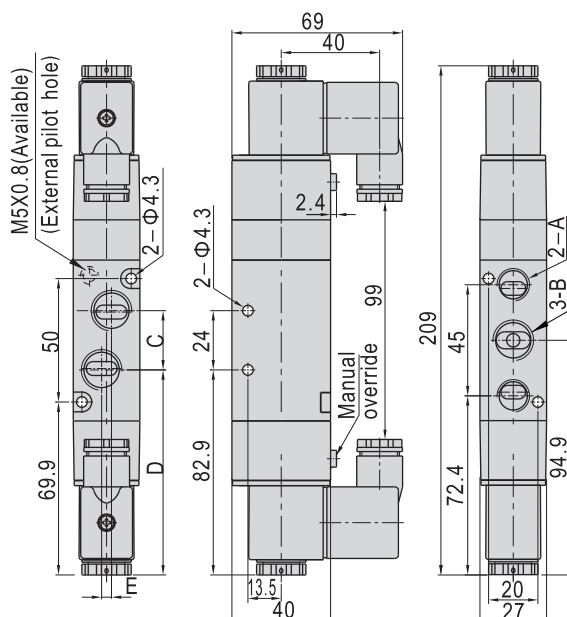
Modelo	A	B	C	D	E
4V310-10-_D	1/4"	3/8"	24	28	4

Dimensional - 5/2vias Duplo Solenoide Roscas 3/8"

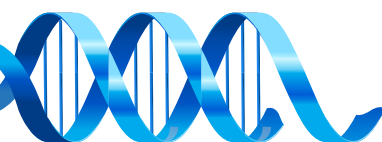


Modelo	A	B	C	D	E
4V320-10-_D	1/4"	3/8"	24	82.9	4

Dimensional - 5/3vias Centro Fechado/Aberto Negativo e Aberto Positivo, Rosca de 3/8".

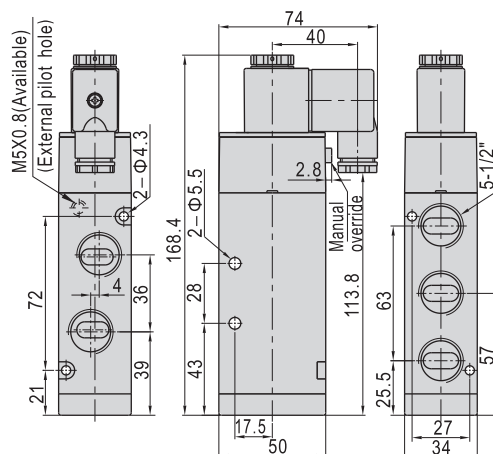


Modelo	A	B	C	D	E
4V330C-10-_D	1/4"	3/8"	24	82.9	4
4V330E-10-_D	1/4"	3/8"	24	82.9	4
4V330P-10-_D	1/4"	3/8"	24	82.9	4



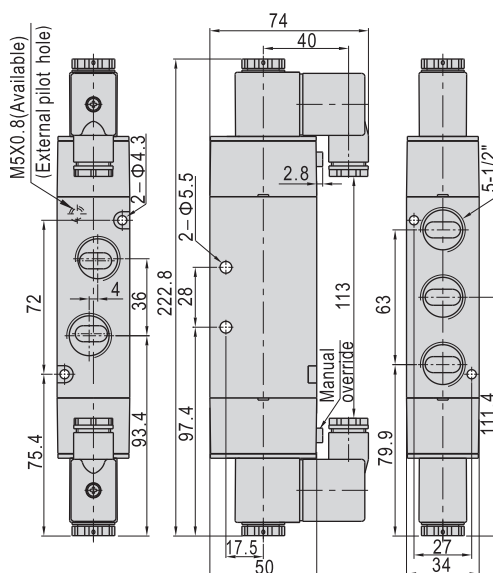
Válvula Direcional Solenóide 3/2, 5/2 e 5/3 vias - Série 3V/4V

Dimensional - 5/2vias Simples Solenoide Roscas 1/2"



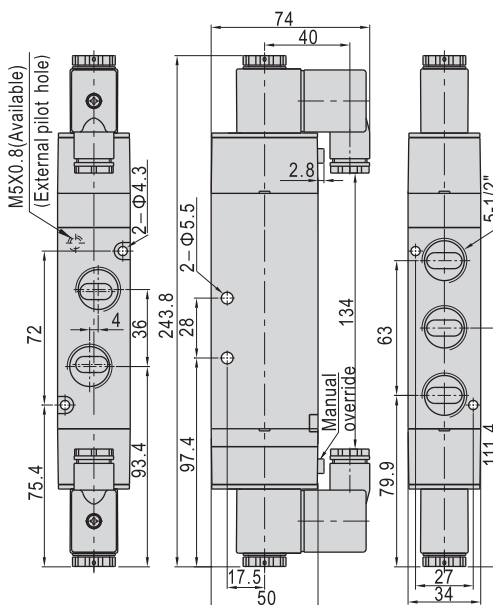
Modelo
4V410-15-_D

Dimensional - 5/2vias Duplo Solenoide Roscas 1/2"



Modelo
4V420-15-_D

Dimensional - 5/3vias Centro Fechado/Aberto Negativo e Aberto Positivo, Rosca de 1/2".



Modelo
4V430C-15-_D
4V430E-15-_D
4V430P-15-_D

