

Gerador de Vácuo *Série ZH*

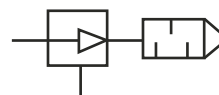


Vantagens

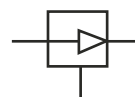
- Compacto e leve
- Opção com Caixa e Silenciador Incorporado
- Com Ligação de Ar Instantânea
- Ligação com Rosca ou Combinada



Simbologia



Simbologia



Características Técnicas

Modelo	Ø orifício (mm)	Tipo do corpo	Pressão máx. de Vácuo (kPa)*	Vazão máx. de sucção (l/min (ANR))	Consumo de Ar (l/min (ANR))	Conexão (engate rápido / rosca)		
						ENT	VAC	ESC
ZH05BS	0.5	Tipo caixa (Silenciador Incorporado)	- 88	5	13	Ø6 1/8"	Ø6 1/8"	-
ZH07BS	0.7			12	23			
ZH10BS	1.0			24	46			
ZH13BS	1.3			40	78	Ø8 1/8"	Ø10 1/4"	
ZH05DS	0.5	Corpo Portado (Sem Silenciador)		5	13	Ø6 1/8"	Ø6 1/8"	Ø6 1/8"
ZH07DS	0.7			12	23			
ZH10DS	1.0			24	46	Ø6 1/8"	Ø6 1/8"	Ø8 1/8"
ZH13DS	1.3			40	78	Ø8 1/8"	Ø10 1/4"	Ø10 1/4"
ZH15DS	1.5			55	95	Ø10 1/4"	Ø12 3/8"	Ø12 3/8"
ZH18DS	1.8			65	150	Ø12 3/8"		
ZH20DS	2.0			85	185	Ø12 3/8"	Ø16 1/2"	Ø16 1/2"

* Pressão de entrada: 4,5 Bar

Codificação

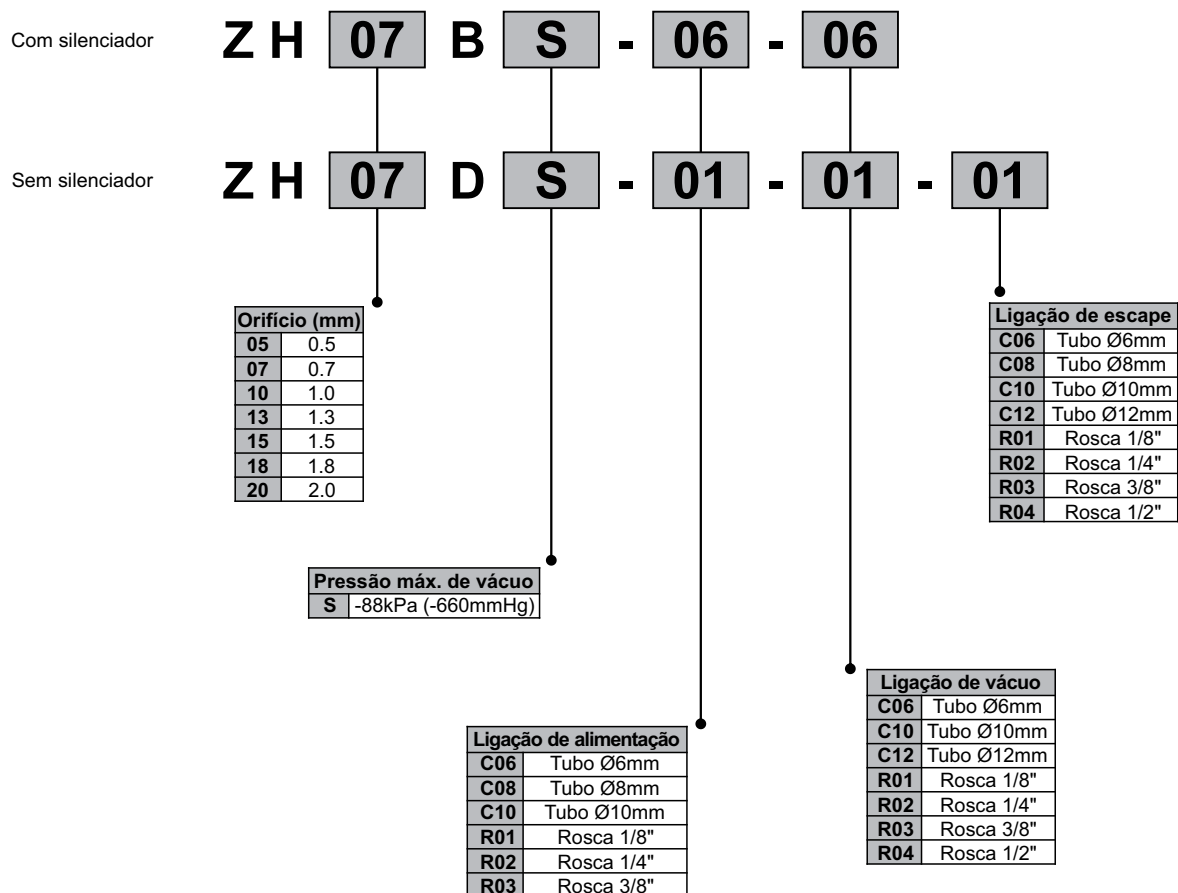


Tabela de Portas

Modelo	Conexão <i>(engate rápido / rosca)</i>		
	ENT	VAC	ESC
ZH05BS	Ø6 1/8"	Ø6 1/8"	-
ZH07BS			
ZH10BS			
ZH13BS	Ø8 1/8"	Ø10 1/4"	
ZH05DS	Ø6 1/8"	Ø6 1/8"	
ZH07DS			
ZH10DS			
ZH13DS	Ø8 1/8"	Ø10 1/4"	Ø10 1/4"
ZH15DS	Ø10 1/4"	Ø12 3/8"	Ø12 3/8"
ZH18DS	Ø12 3/8"		
ZH20DS	Ø12 3/8"		

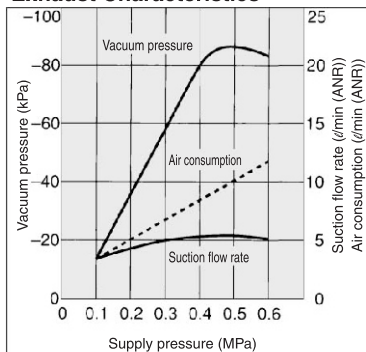
Tabela de Combinação de Conexão

Corpo	Conexão (engate rápido / rosca)		
	ENT	VAC	ESC
Tipo caixa (Silenciador Incorporado)	Eng. Rápido	Eng. Rápido	-
	Eng. Rápido	Rosca	-
	Rosca	Rosca	-
Corpo Portado (Sem Silenciador)	Eng. Rápido	Eng. Rápido	Eng. Rápido
	Eng. Rápido	Rosca	Eng. Rápido
	Rosca	Rosca	Rosca

Gráfico de Vazão

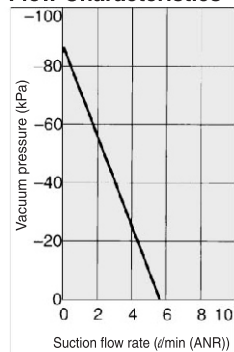
ZH05□S

Exhaust Characteristics



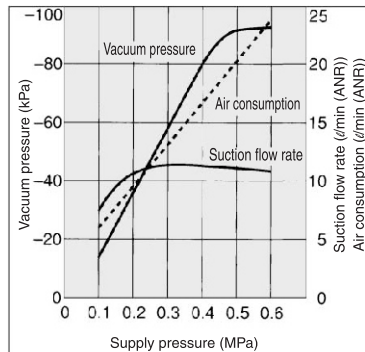
Max. vacuum pressure: -88 kPa

Flow Characteristics



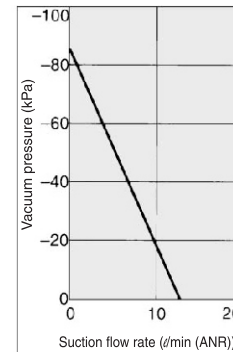
ZH07□S

Exhaust Characteristics



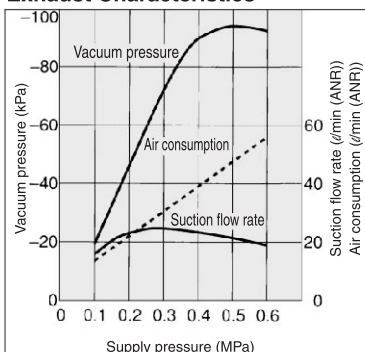
Max. vacuum pressure: -88 kPa

Flow Characteristics



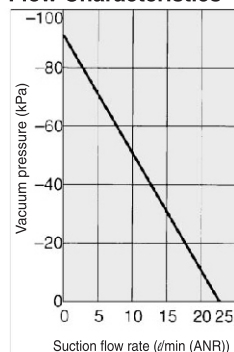
ZH10□S

Exhaust Characteristics



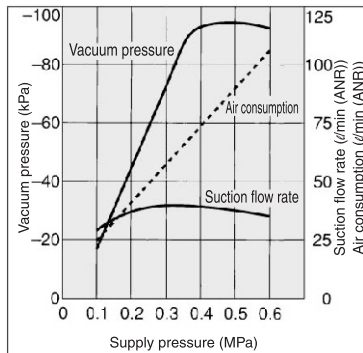
Max. vacuum pressure: -88 kPa

Flow Characteristics



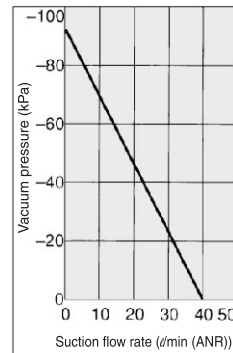
ZH13□S

Exhaust Characteristics



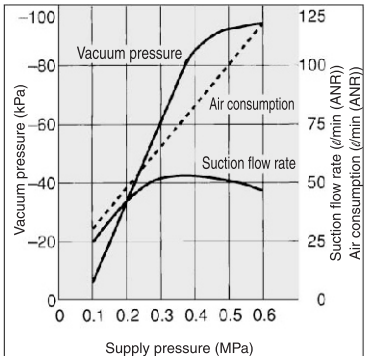
Max. vacuum pressure: -88 kPa

Flow Characteristics



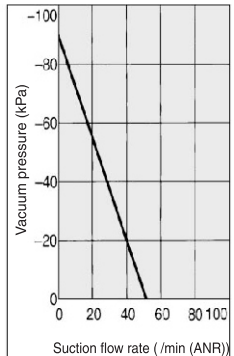
ZH15□S

Exhaust Characteristics



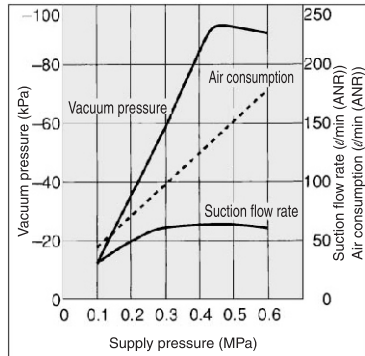
Max. vacuum pressure: -88 kPa

Flow Characteristics



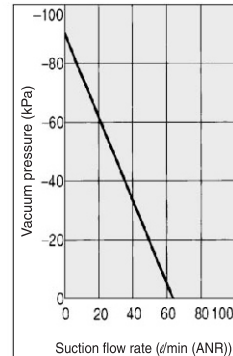
ZH18□S

Exhaust Characteristics



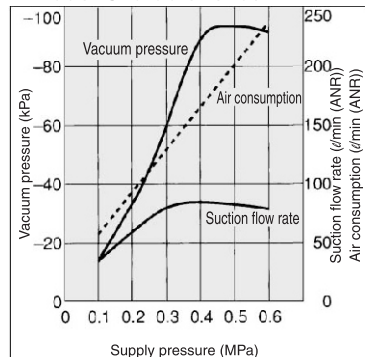
Max. vacuum pressure: -88 kPa

Flow Characteristics



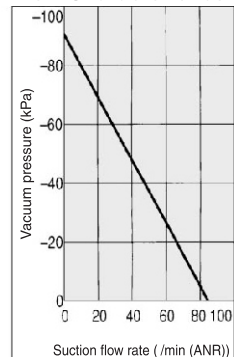
ZH20□S

Exhaust Characteristics

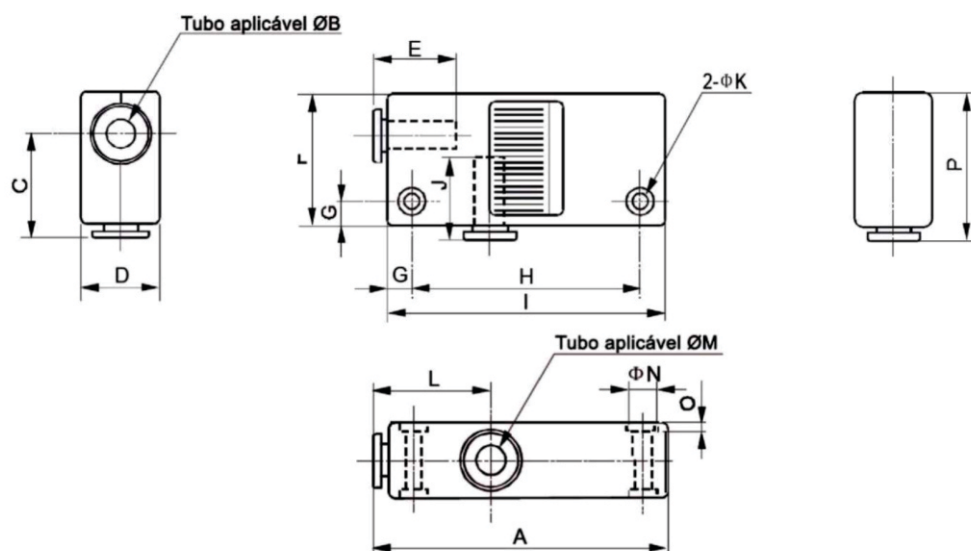


Max. vacuum pressure: -88 kPa

Flow Characteristics

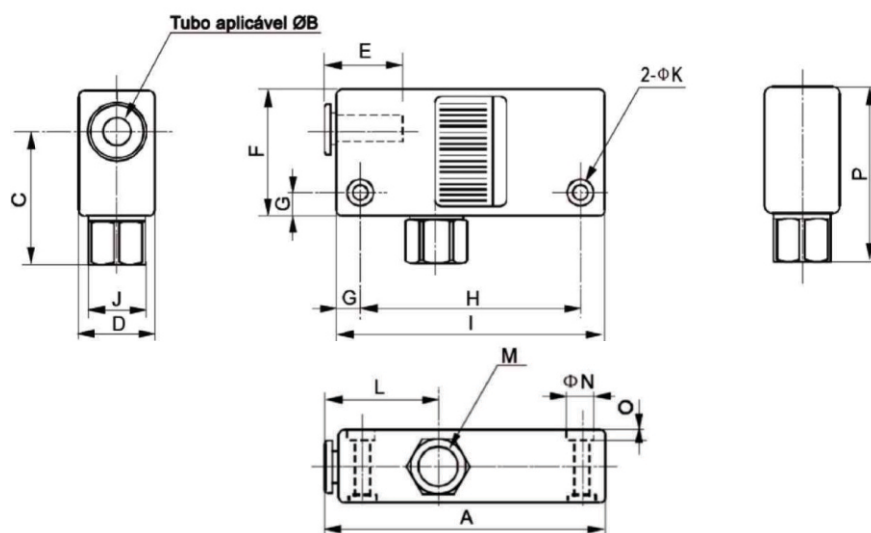


Dimensional | Tubo x Tubo



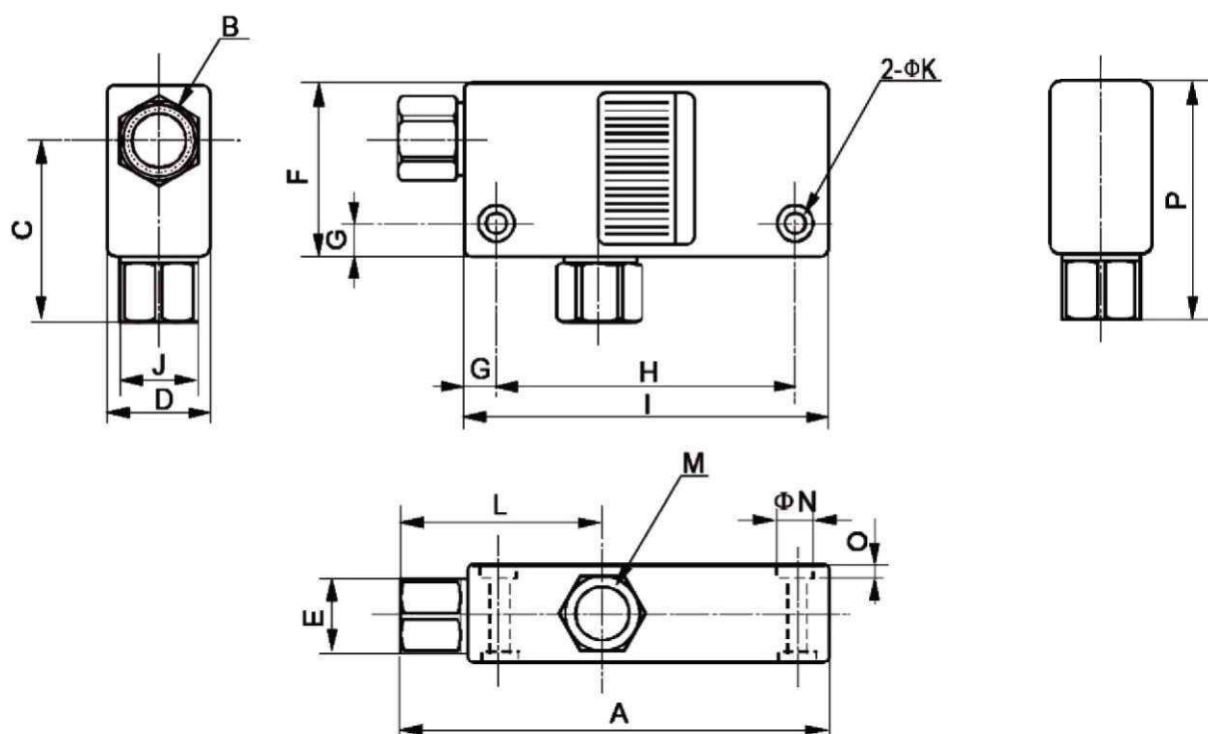
Modelo	A	ØB	C	D	E	F	G	H	I	J	ØK	L	ØM	ØN	O	P
ZH05BS-C06-C06	60	6	22	16	12.8	28	5	47	57	12.8	3.2	24	6	5.8	2	31
ZH07BS-C06-C06	60	6	22	16	12.8	28	5	47	57	12.8	3.2	24	6	5.8	2	31
ZH10BS-C06-C06	60	6	23	18	12.8	29	7	50	60	12.8	3.2	26	6	5.8	2	32
ZH13BS-C08-C10	78	8	27.5	23	13.7	35	7	61	75	15.3	4.2	28	10	7.5	3	38.5

Dimensional | Tubo x Rosca



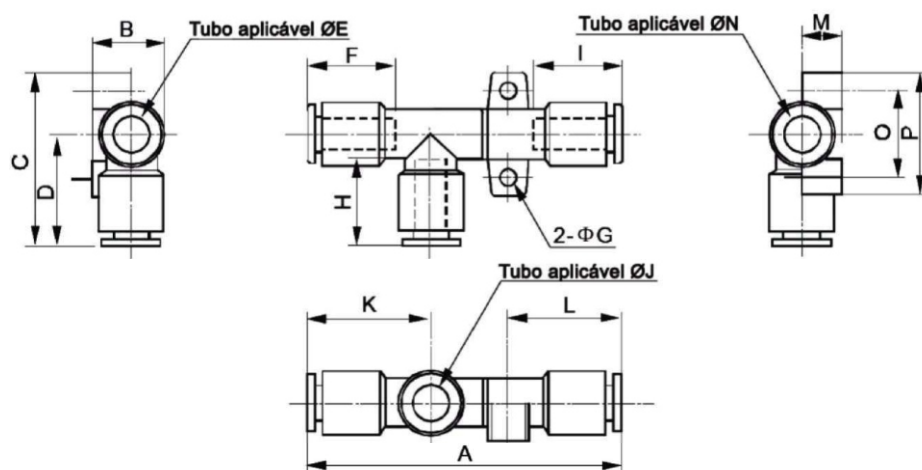
Modelo	A	ØB	C	D	E	F	G	H	I	J	ØK	L	M	ØN	O	P
ZH05BS-C06-R01	60	6	29.5	16	12.8	28	5	47	57	12	3.2	24	R1/8"	5.8	2	38.5
ZH07BS-C06-R01	60	6	29.5	16	12.8	28	5	47	57	12	3.2	24	R1/8"	5.8	2	38.5
ZH10BS-C06-R01	63	6	30.5	18	12.8	29	5	50	60	12	3.2	26	R1/8"	5.8	2	39.5
ZH13BS-C08-R02	78	8	39	23	13.7	35	7	61	75	17	4.2	28	R1/4"	7.5	3	50

Dimensional | Rosca x Rosca



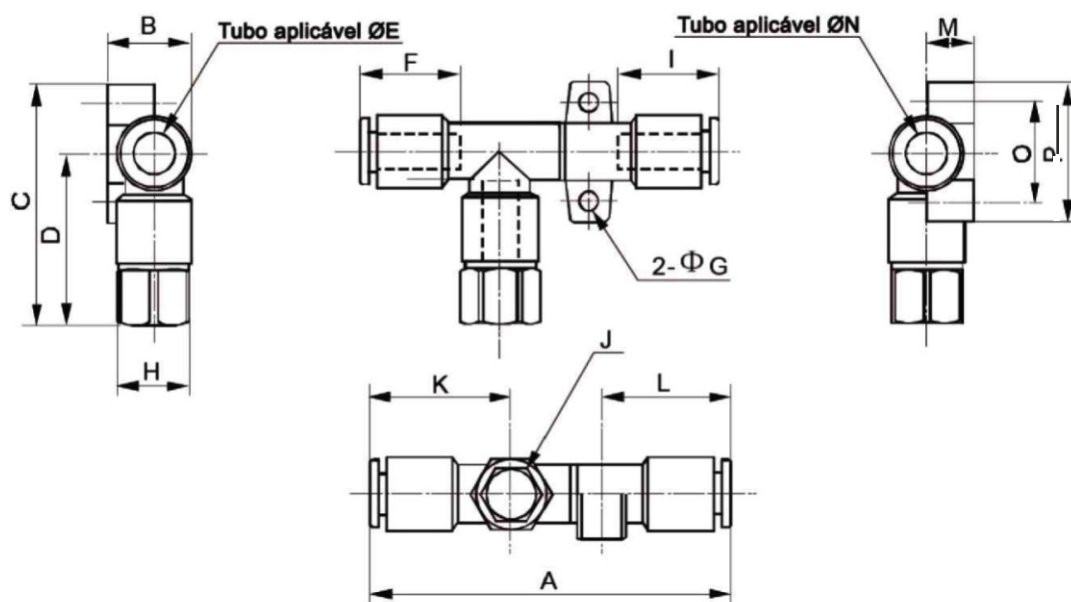
Modelo	A	B	C	D	E	F	G	H	I	J	ØK	L	M	ØN	O	P
ZH05BS-R01-R01	67.5	R1/8"	29.5	16	12	28	5	47	57	12	3.2	31.5	R1/8"	5.8	2	38.5
ZH07BS-R01-R01	67.5	R1/8"	29.5	16	12	28	5	47	57	12	3.2	31.5	R1/8"	5.8	2	38.5
ZH10BS-R01-R01	70.5	R1/8"	30.5	18	12	29	5	50	60	12	3.2	33.5	R1/8"	5.8	2	39.5
ZH13BS-R01-R02	86.5	R1/8"	39	23	14	35	7	61	75	17	4.2	36.5	R1/4"	7.5	3	50

Dimensional | Tubo x Tubo



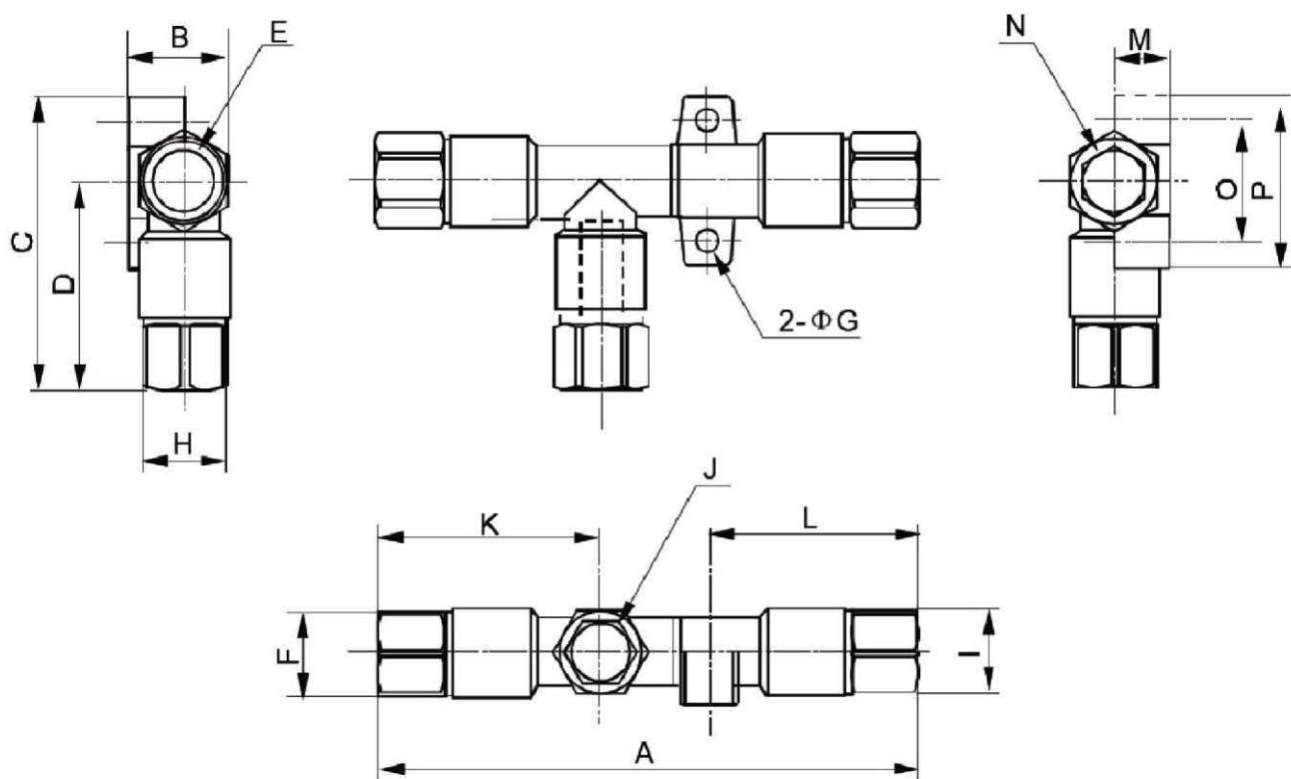
Modelo	A	ØB	C	D	ØE	F	ØG	H	I	ØJ	K	L	M	ØN	O	P
ZH05DS-C06-C06-C06	58.5	14.2	34	22	6	12.8	3.2	12.8	12.8	6	24	21	7.8	6	17	24
ZH07DS-C06-C06-C06	61	14.2	34	22	6	12.8	3.2	12.8	12.8	6	24	22	7.8	6	17	24
ZH10DS-C06-C06-C08	66	17.2	37	23	6	12.8	4.2	12.8	13.7	6	26	24.5	9.6	8	20	28
ZH13DS-C08-C10-C10	74.5	20	42.5	27.5	8	13.7	4.2	15.3	15.3	10	28	27	10.7	10	22	30
ZH15DS-C10-C12-C12	93.3	22.5	47	29.5	10	21	4.2	22	22	12	31.5	32.8	12	12	27	35

Dimensional | Tubo x Rosca



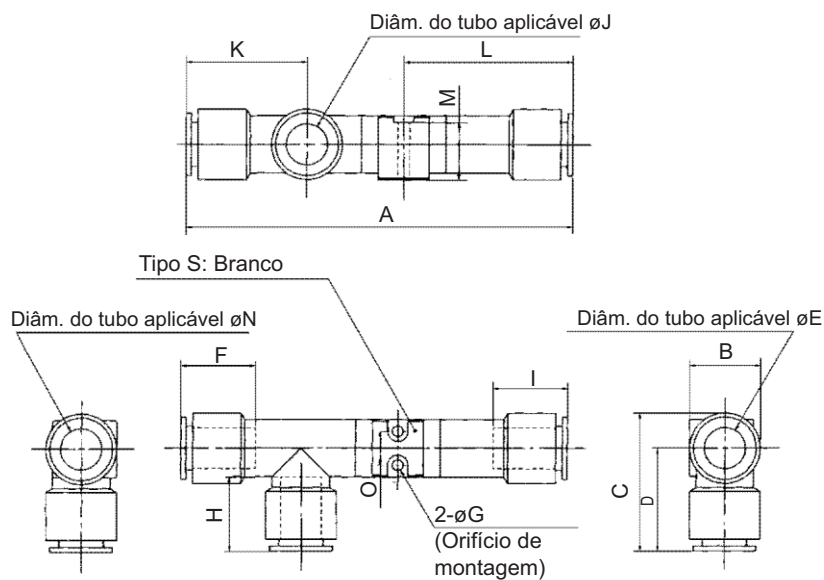
Modelo	A	B	C	D	ØE	F	ØG	H	I	J	K	L	M	ØN	O	P
ZH05DS-C06-R01-C06	58.5	14.2	41.5	29.5	6	12.8	3.2	12	12.8	R1/8"	24	21	7.8	6	17	24
ZH07DS-C06-R01-C06	61	14.2	41.5	29.5	6	12.8	3.2	12	12.8	R1/8"	24	22	7.8	6	17	24
ZH10DS-C06-R01-C08	66	17.2	44.5	30.5	6	12.8	3.2	12	13.7	R1/8"	26	24.5	9.6	8	20	28
ZH13DS-C08-R02-C10	74.5	20	54	39	8	13.7	4.2	17	15.3	R1/4"	28	27	10.7	10	22	30
ZH15DS-C10-R03-C12	93.3	22.5	58.5	41	10	21	4.2	19	22	R3/8"	31.5	32.8	12	12	27	35

Dimensional | Rosca x Rosca



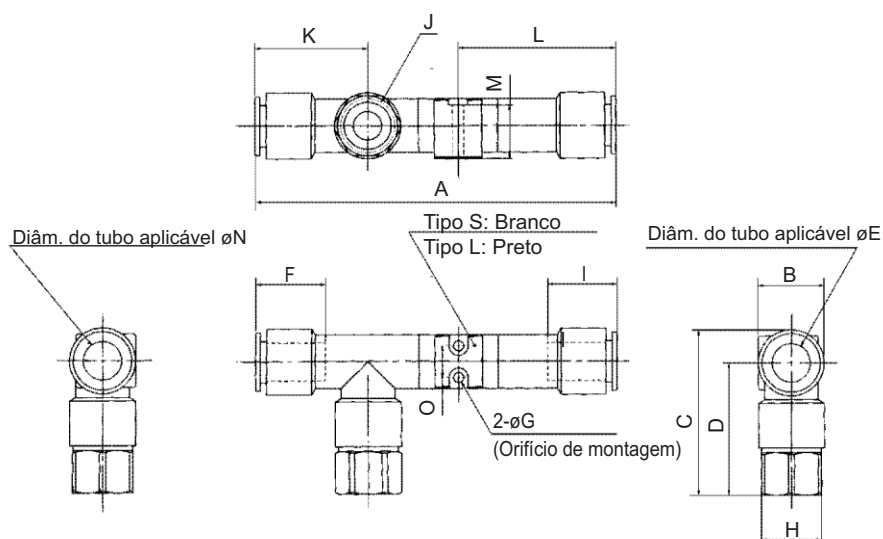
Modelo	A	B	C	D	E	F	ØG	H	I	J	K	L	M	N	O	P
ZH05DS-R01-R01-R01	73.5	14.2	41.5	29.5	R1/8"	12	3.2	12	12	R1/8"	31.5	28.5	7.8	R1/8"	17	24
ZH07DS-R01-R01-R01	76	14.2	41.5	29.5	R1/8"	12	3.2	12	12	R1/8"	31.5	29.5	7.8	R1/8"	17	24
ZH10DS-R01-R01-R01	82	17.2	44.5	30.5	R1/8"	12	4.2	12	14	R1/8"	33.5	33	9.6	R1/8"	20	28
ZH13DS-R01-R02-R02	94.5	20	54	39	R1/8"	14	4.2	17	17	R1/4"	36.5	38.5	10.7	R1/4"	22	30
ZH15DS-R02-R03-R03	116.5	22.5	58.5	41	R1/4"	17	4.2	19	19	R3/8"	43	44.5	12	R3/8"	27	35

Dimensional | Tubo x Tubo



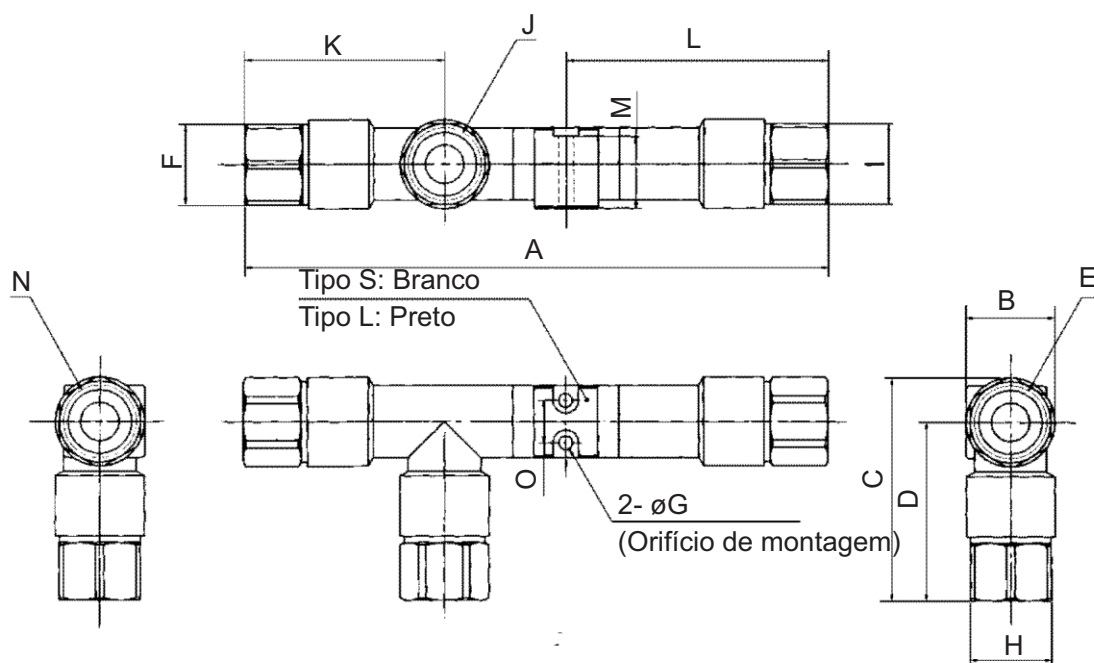
Modelo	A	B	C	D	ØE	F	ØG	H	I	ØJ	K	L	M	ØN	O
ZH18DS-C12-C12-C12	114	20.95	40.95	30.5	12	22	3.5	22	22	12	35.5	50	17	12	10
ZH20DS-C12-C16-C16	124.6	26.5	48.75	35.5	12	22	3.5	24	24	16	38.5	54.3	21.7	16	12

Dimensional | Tubo x Rosca



Modelo	A	B	C	D	ØE	F	ØG	H	I	J	K	L	M	ØN	O
ZH18DS-C12-R03-C12	114	20.95	52.45	42	12	22	3.5	19	22	Rc3/8"	35.5	50	17	12	10
ZH20DS-C12-R04-C16	124.6	26.5	63.75	50.5	12	22	3.5	24	24	Rc1/2"	38.5	54.3	21.7	16	12

Dimensional | Rosca x Rosca



Modelo	A	B	C	D	E	F	ØG	H	I	J	K	L	M	N	O
ZH18DS-R03-R03-R03	137	20.95	52.45	42	Rc3/8"	19	3.5	19	19	Rc3/8"	47	61.5	17	Rc3/8"	10
ZH20DS-R03-R04-R04	151.1	26.5	63.75	50.5	Rc3/8"	19	3.5	24	24	Rc1/2"	50	69.3	21.7	Rc1/2"	12



Precauções

- Certifique-se de verificar a integridade da peça por completo antes da instalação.
- As aplicações precisam ser tratadas com cuidado e atenção quanto à pressões máximas e mínimas, fluxo requerido, materiais de construção, compatibilidade química, função e tamanho à ser utilizado.
- Garantir a total limpeza dos tubos e conexões antes de serem conectados ao produto.
- Antes de reparar uma peça, sempre desconecte a fonte de alimentação e despressurize o sistema. Deve-se levar em consideração o manuseio seguro da unidade com base no fluido controlado nela.
- Não exceder a pressão máxima de trabalho, afim de evitar danos ao produto, máquina e até mesmo ao operador.