

## Features:

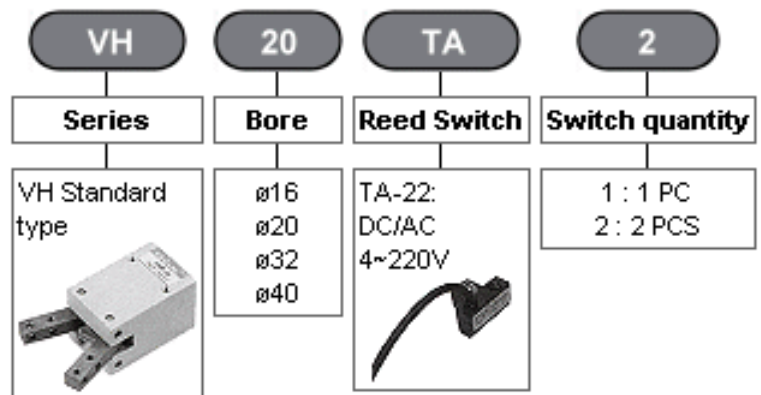
- Compact design saves installation space.
- Construction is simple and light due to linkage mechanism.
- Fingers with tapped holes can attach any type of device needed to get the job done.
- Full sizes with magnetic piston for reed switches.



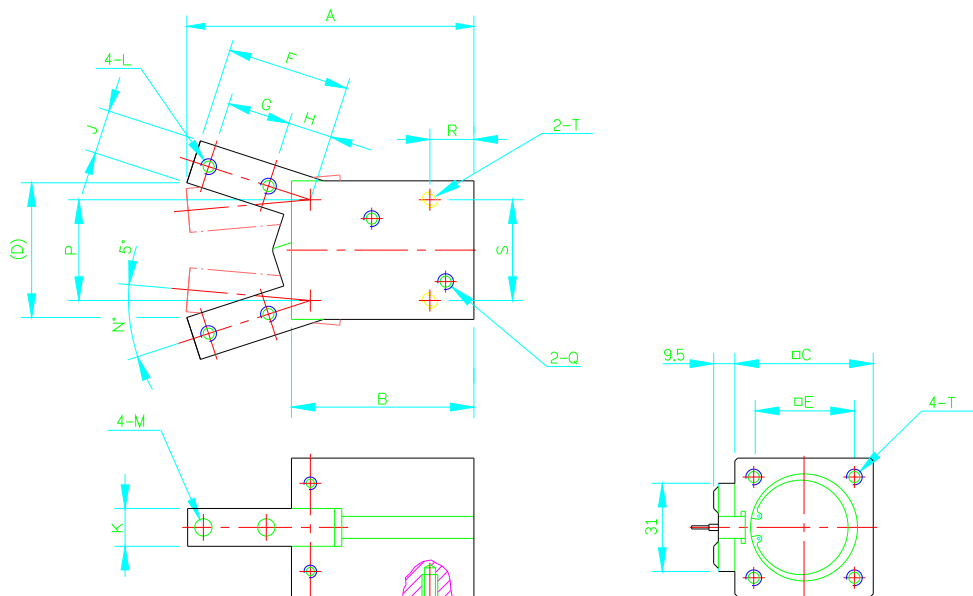
## Specifications:

<b>Action</b>	Double acting type			
<b>Series</b>	VH			
<b>Bore</b>	ø16	ø20	ø32	ø40
<b>Operating pressure</b>	3.5~7kgf/cm <sup>2</sup>		2~7	2~7
<b>Weight</b>	148g	151g	375g	470g
<b>Operating fluid</b>	Compressed air			
<b>Life cycle</b>	5,000,000 cycle			
<b>Proof pressure</b>	10kgf/cm <sup>2</sup>			
<b>Speed range</b>	50~100mm/sec			
<b>Temperature range</b>	-10°C~70°C			
<b>Lubrication</b>	Apply ISO VG32 or equivalent			
<b>Max. operating cycles</b>	180 C.P.M			
<b>Repeatability</b>	±0.03			

## How to Order:



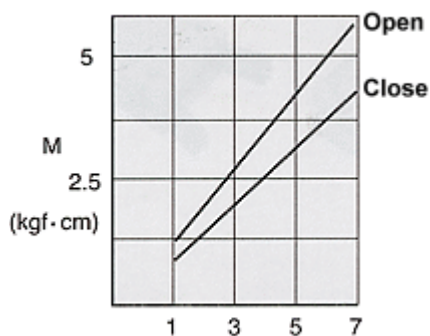
## External Dimensions:



Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
<b>VH16</b>	72	48	32	30	24	29	10	14	8	8	M3x0.5	3.2	18	20	M5x0.8	14	24	M4x0.7
<b>VH20</b>	72	48	32	30	24	29	10	14	8	8	M3x0.5	3.2	18	20	M5x0.8	14	24	M4x0.7
<b>VH32</b>	96	58	44	42	32	43	20	18	14	12	M5x0.8	5.5	15	32	M5x0.8	14	32	M5x0.8
<b>VH40</b>	96	58	52	42	42	43	20	18	14	12	M5x0.8	5.5	15	32	M5x0.8	14	42	M5x0.8

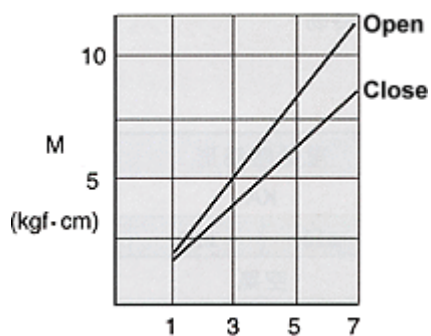
## Gripping force diagrams:

### VH16



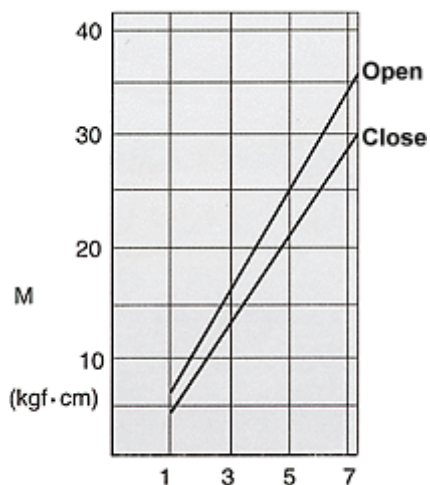
Operating pressure (kgf/cm<sup>2</sup>)

### VH20



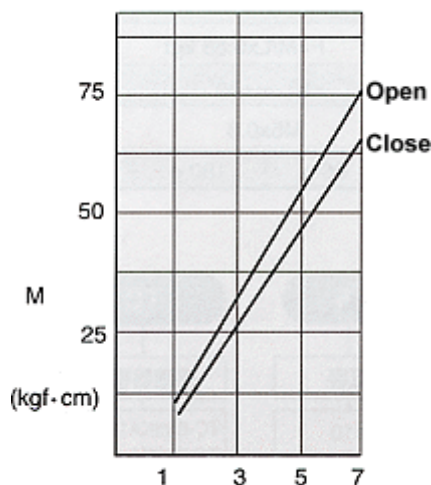
Operating pressure (kgf/cm<sup>2</sup>)

### VH32



Operating pressure (kgf/cm<sup>2</sup>)

### VH40



Operating pressure (kgf/cm<sup>2</sup>)

**Theoretical output  $F = \frac{M}{L}$**

**F(Kgf):** Theoretical output

**M(Kgf-cm):** Moment

**L(cm):** Distance from jaw pivot to gripping point

