HTA15

Series model

Linear Actuator

Applications

1. Industrial

2. Automotive

3

4

HTA15 is one of the powerful products for industrial applications. The compact installation size allows the A15 to be installed in tight spaces without having to worry about affecting its performance. HTA15 is suitable for industrial machinery, ventilation systems or food and beverage automation equipment ...

Features：

Voltage:	12V, 24V, 36V,　and 48V DC
Max Push/Pull force:	1200N
Speed:	5.mm/s to 50.mm/s (according to the load)
Retracted Length:	stroke + 105mm
	stroke + 120mm(when stroke >300 MM）
Dynamic Torque：	50Nm
Static Torque：	80Nm
Color：	silver
Noise：	65DB
Quality Management:	ISO9001-2008
Ambient temp. Range:	-35 °C ~ + 75 °C
Operating Temp. Range:	+5 °C ~ + 45 °C
Protection Level:	IP65
Screw Type：	Trapezoidal
Certifications:	CE, ROHS
Option for Controller：	Individual control
Material:	High-strength metal zinc alloy gear box and housing
Limit Switch:	Built-in, but not adjustable
Motor Type:	DC brush motor

Smart Drive

With the development of the Internet of Things, designers' demand for smart devices is getting higher and higher.
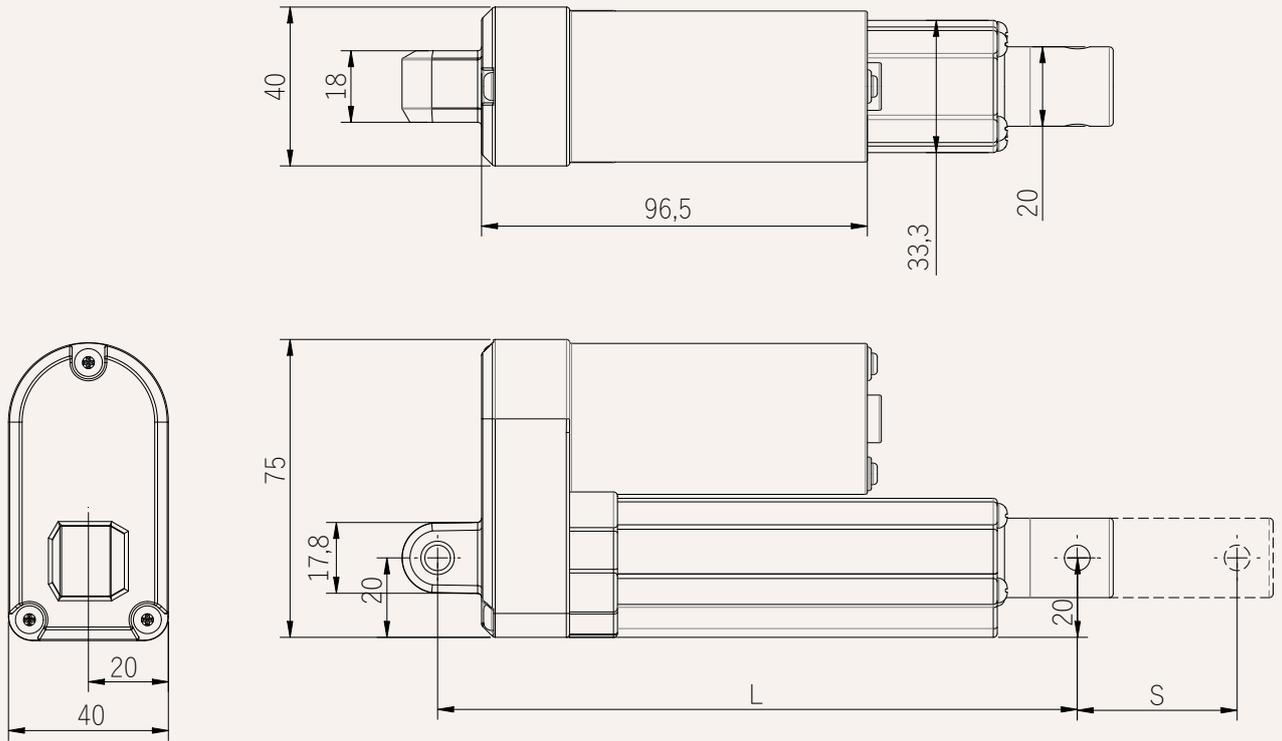
There is a growing need for component that can communicate and operate with each other without manual work. GeMinG is meeting this need and helping usher in new possibilities, and you will find what you need from GeMinG's product line.

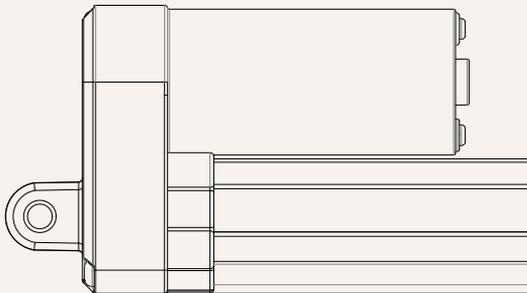More information please visit: www.Gemingag.com

Drawings

Dimension
(MM)

40

18

96,5

33,3

20

75

17,8

20

L

S

20

20

40
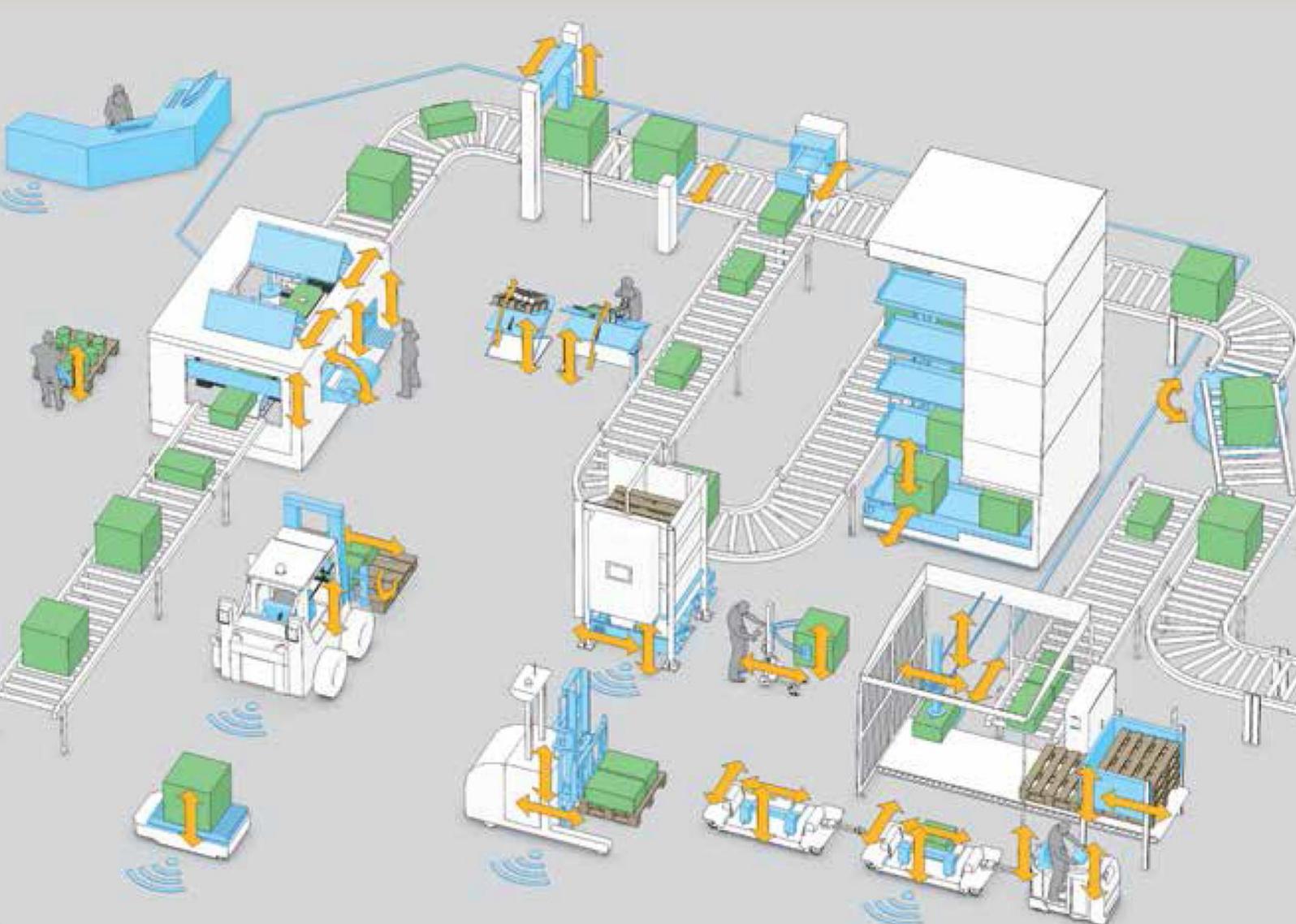
S: Stroke

L: Retracted length

L= Stroke +105mm

When stroke > 300MM,   L= Stroke +120MM

Mounting Angle (Counterclockwise)：

1 = 0˚

2 = 90˚
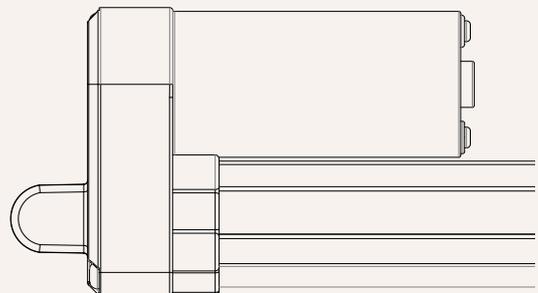
LOAD & SPEED

Code	Rated Load N		Self-lock N	Rated Current A	Speed mm/s	
	PUSH	PULL	Static	Loaded	No-load	Full-load
Voltage (12V DC)						
A	1200	1200	3000	4.7	5.0	4.0
B	1000	1000	2000	4.7	10.0	8.6
C	600	600	600	4.1	15.0	12.8
D	400	400	300	3.8	20.0	18.3
E	200	200	100	3.2	30.0	22.7
Voltage (24V DC)						
F	1200	1200	3000	2.4	5.0	4.0
G	1000	1000	2000	2.4	10.0	8.6
H	600	600	600	2.4	15.0	12.8
K	400	400	300	1.8	20.0	18.3
L	200	200	100	1.8	30.0	22.7

Remark

1. The current and speed in the table are the averages tested when using push force。

2. The current & speed results in the table are based on the use of a GaMinG brand control box, and there will be an error of about 10% depending on different types of the control box.

3. 29V DC @ no-load, 24V DC @ rated load

4. Stroke & Load：

Load Range(N)	Stroke Range (mm)
1200	30-400
1000	30 -600
<=600	30 -800

Reference Chart

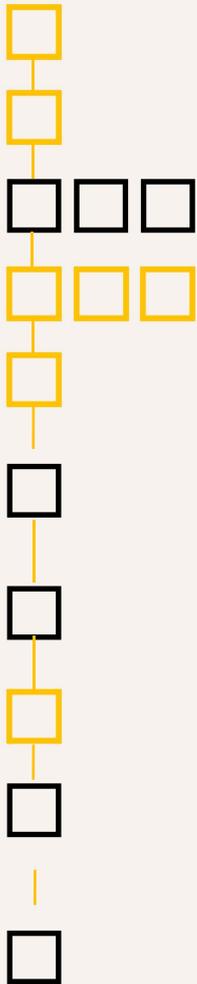| HTA15 Model	Load ±10%（N)					Speed ± 2 (mm / sec)		
Load	1200	1000	600	400	200			
Speed	05	10	15	20	30			

HTA15Model	Stroke ± 2 (mm)					Retracted Length ± 2 (mm)		
Stroke	50	100	150	200	250	300	350	400	450
Retracted	155	205	255	305	355	420	470	520	570

Remark

Stroke & Retracted length:

1. If stroke <300mm, Retracted length = stroke +105mm

Eg. Stroke 100mm, retracted length=205mm, ectended length=305mm

2. If stroke >=300mm, Retracted length = stroke +120mm

Eg. Stroke 400mm, retracted length=520mm, ectended length=920mm

HTA15

Voltage	12=12V DC	24=24V DC	36=36V DC	48=48V DC
Speed(mm/s)	Please refer to Page 3			
Stoke(mm)				
Retracted(mm)	Please refer to Page 2 , can be customized			
Load(n)	Please refer to Page 3			
Front Attachment Refer to Page 6	1 = Normal，dia 6.5mm 3 = Normal，dia 10.5mm 5 = U type slot，width 6.0mm，dia 8.1mm		2 = Normal，dia 8.5mm 4 = U type slot，width 6.0mm，dia 6.1mm 6 = U type slot，width 6.0mm，dia 10.1mm	
Rear Attachment Refer to Page 6	1 =0˚，Aperture 6.5mm 3 =90˚，Aperture 6.5mm		2 =0˚，Aperture 8.5mm 4 =90˚，Aperture 8.5mm	
Wire/Plug Refer to Page 6	1 =stripped wire 3 = 4 pin 0° straight plug		2 = 4 pin 90° curved plug 4 = 6 pin 0° straight plug	
Screw	P=Trapezoidal			
Signal Output	No			
Wire Length	1 = 600mm	2 = 1000mm	3 =1500mm	4 = customized

Eg.：voltage：12V DC，stroke 100MM, speed 5MM / S，load 1200N，
Code：HTA15-12-5-100-205 / 305-A-1-1-1-P-1

Statement

Front Attachment

1=Normal，Aperture 6.5

ø6.4

9

ø20
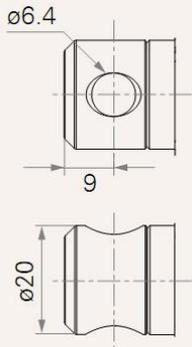
2=Normal，Aperture 8.5

ø8

9

ø20
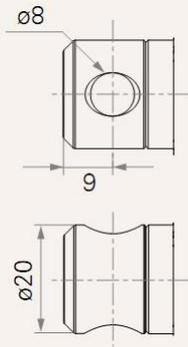
3=Normal，Aperture 10.5

ø10

9

ø20
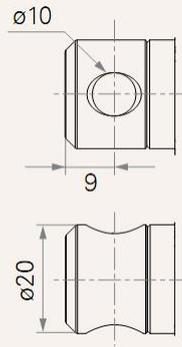
4=U-type slot ， width 6.1 ，
depth 16.0，Aperture 6.5

ø10

6 16

ø20
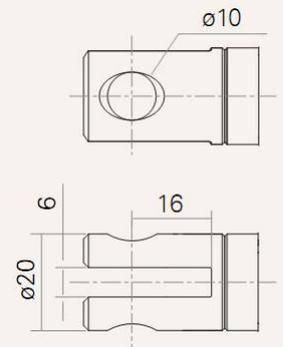
5=U-type slot，width 6.0,
Depth 16.1，Aperture 8.1

ø6.4

6 16

ø20
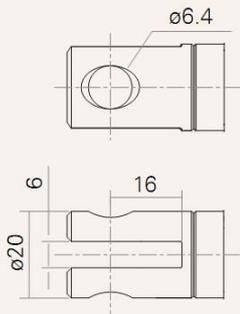
6=U-type slot ， width 6.0 ，
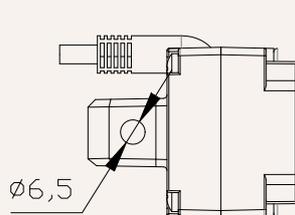depth 16.1，Aperture 10.1

ø8

6 16

ø20

7=
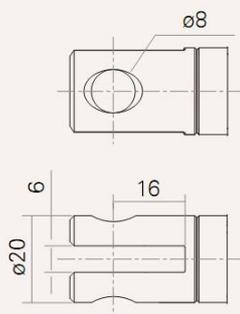
8=

Rear Attachment

1=0 degree，Aperture 6.5mm

Ø6,5

2=90 degree，Aperture 6.5mm

Ø6,5
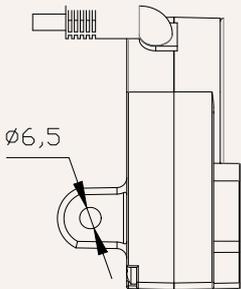
2=0 degree，Aperture 8.5mm

Ø8,5
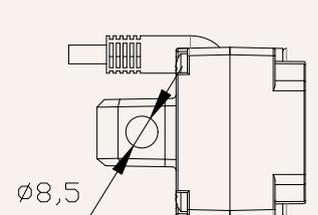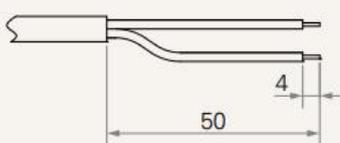
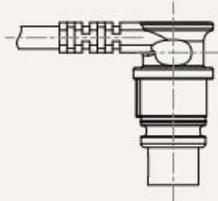2=90 degree，Aperture 8.5mm

Ø8,5
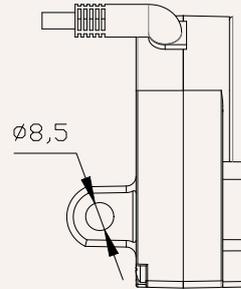
Wire / Plug

1= stripped wire

4

50

2 = 4 pin 90° curved plug

3 = 4 pin 0° straight plug