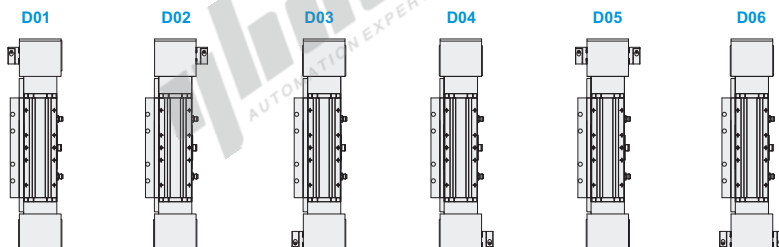


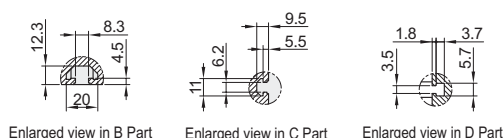
Code	Seat		Guide		Slider		Cover		Operating Ambient
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment	
YHTC	Aluminum Alloy	Anodize	Alloy Steel	—	Aluminum Alloy	Anodize	Aluminum Alloy	Anodize	Humidity 85% Temperature -10°C~60°C



Motor Mounting Position



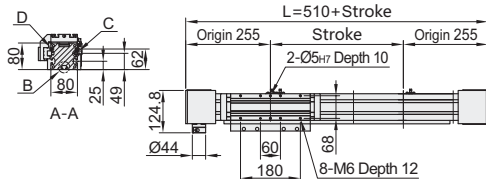
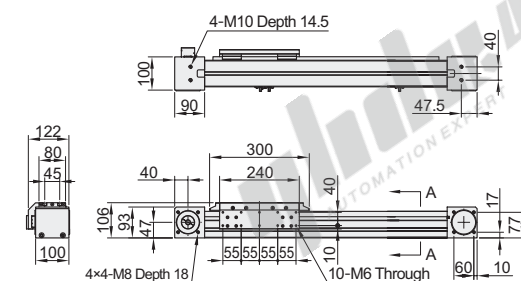
YHTC80



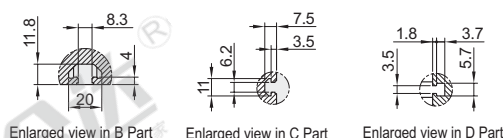
Enlarged view in B Part

Enlarged view in C Part

Enlarged view in D Part



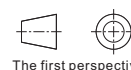
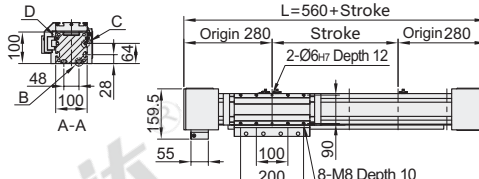
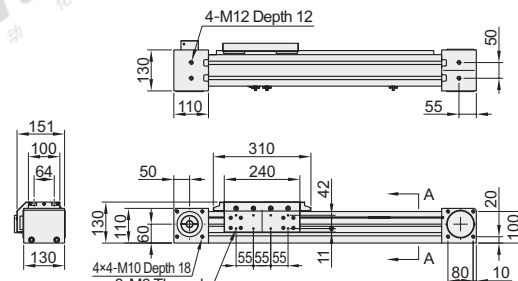
YHTC100



Enlarged view in B Part

Enlarged view in C Part

Enlarged view in D Part



The first perspective

Part Number		Effective Stroke (100 mm Inc.)	Motor Mounting Position	Number of Sliders	Reduction Ratio	Motor Brand	Motor Power Output	Brake	Photoelectric Sensor QTY
Code	Slider								
YHTC80	No Sign (Standard Slider)	100 ~ 3400	D01	S(1 Slider) D(2 Slider)	G3 (1:3)	M(Mitsubishi) P(Panasonic) Y(Yaskawa) T(Delta)	10(100W) 20(200W) 40(400W) 75(750W) 1K(1000W)	N (Without Brake) B (With Brake)	P1(1 PC)
			D02		G4 (1:4)				P2(2 PCS)
			D03		G5 (1:5)				P3(3 PCS)
			D04		G7 (1:7)				P0(No)
			D05		G10 (1:10)				
			D06		G0 (No)				
YHTC100									



Part Number	Effective Stroke (100 mm Inc.)	Motor Mounting Position	Number of Sliders	Reduction Ratio	Motor Brand	Motor Power Output	Brake	Photoelectric Sensor QTY
YHTC80	100~3400	D02	S(1 Slider) D(2 Slider)	G3(1:3) G4(1:4)	M(Mitsubishi) P(Panasonic)	20(200W) 40(400W)	N(Without Brake) B(With Brake)	P1(1 PC) P2(2 PCS)

YHTC80—550—D01—S—G3—M—20—N—P1



Discount price
QTY 1~4 5~
Price 100% Additional quotation



Delivery
17

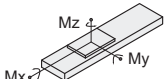
Basic Specification

Code			YHTC80	YHTC100
Technical Parameters	Repetitive Accuracy (mm)		±0.05	
	Pulley Lead (mm)		176	224
	Belt Type		8M-30	8M-50
	Max Speed(mm/s)		5000	
	Max Payload(kg)	Horizontal	100	165
		Vertical	62	105
	Max No-Load Torque(N·m)		0.9	1.4
Basic Specification	Max Torque(N·m)		49.8	105.7
	Standard Stroke(mm)		100~3400(100mm Pitch)	
	Servo Motor Output (W)		400/750	750/1000
	High Rigidity Linear Guide		20#×1PC+15#×1PC	25#×1PC+20#×1PC
	Max Outline of Main Engine's Cross Section(mm)		106×122	130×151
	Home Sensor		EE-SX672(NPN)	

□ Please contact us for OMRON Brand or PNP Sensor.

Allowance Torque Table

Code	YHTC80	YHTC100	Explanation: 1. The actual load shall meet the following conditions: (a) Meet the maximum load condition in the "Basic Specification" table. (b) Satisfy the torque condition in the "Allowance Torque Table" if beyond the conditions of use will greatly reduce the life of the slide table. 2. The data in the table is based on the rated life of 10000km. 3. The repeated positioning accuracy in the table is a unidirectional value. 4. Rated acceleration of the slide table is 0.3G, and the short-stroke slide table may not work reach top speed. 5. If the sliding table is used vertically, please choose the belt brake motor.
Mxd	118N.m	216N.m	
Myd	333N.m	765N.m	
Mzd	333N.m	765N.m	



The torque value in the table is dynamic allowable torque based on the running life of sliding table of 10000km.

Torque conditions:
 $Mx/Mxd + My/Myd + Mz/Mzd \leq 1$
 (Mx, My, Mz are the actual moments in each direction)

Dimension Table

Code	Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
YHTC80	L	570	670	770	870	970	1070	1170	1270	1370	1470	1570	1670	1770	1870	1970
	Weight(kg)	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7	19.7	20.7	21.7	22.7	23.7	24.7
YHTC100	L	610	710	810	910	1010	1110	1210	1310	1410	1510	1610	1710	1810	1910	2010
	Weight(kg)	17.6	18.8	20	21.2	22.4	23.6	24.8	26	27.2	28.4	29.6	30.8	32	33.2	34.4

Code	Stroke	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
YHTC80	L	2070	2170	2270	2370	2470	2570	2670	2770	2870	2970	3070	3170	3270	3370	3470
	Weight(kg)	25.7	26.7	27.7	28.7	29.7	30.7	31.7	32.7	33.7	34.7	35.7	36.7	37.7	38.7	39.7
YHTC100	L	2110	2210	2310	2410	2510	2610	2710	2810	2910	3010	3110	3210	3310	3410	3510
	Weight(kg)	35.6	36.8	38	39.2	40.4	41.2	43.4	45.6	47.8	50	52.2	54.4	56.6	58.8	61

Code	Stroke	3100	3200	3300	3400
YHTC80	L	3570	3670	3770	3870
	Weight(kg)	40.7	41.7	42.7	43.7
YHTC100	L	3610	3710	3810	3910
	Weight(kg)	63.2	65.4	67.6	69.8