

Servo Drive / Servo Motor Pair

Listed are standard servo drive and servo motor pair options. Electromagnetic brake is optional on all motors. Shaft type can also be selected as straight, with key, D-Cut or special type for robotic applications. Non-standard options require custom lead time.

Servo Motor	Servo Drive	Output	Rated Speed	Peak Speed	Rated Torque	Peak Torque	Rotor Inertia [kg-cm ²]	Encoder	Frame Size	Shaft	Status
405-DST-A6TS1	DYN2-T1A6S-00	50W	3,000 min ⁻¹	5,000 min ⁻¹	0.16Nm	0.48Nm	0.036	16bit Absolute [65,536 ppr]	□40mm	φ8mm	A
410-DST-A6TS1		100W			0.318Nm	0.955Nm	0.063		□40mm	φ8mm	A
620-DST-A6TS1		200W			0.637Nm	1.91Nm	0.232		□60mm	φ14mm	A
640-DST-A6TS1	DYN2-TLA6S-00	400W	3,000 min ⁻¹	3,000 min ⁻¹	1.27Nm	3.82Nm	0.426	Model: ABS-16-00	□60mm	φ14mm	A
86L-DHT-A6TD1		220W			0.7Nm	2.1Nm	0.65		86mm [NEMA34]	φ12.7mm D-Cut	A
86M-DHT-A6MK1		750W			1,500 min ⁻¹	2,000 min ⁻¹	2.4Nm		7.1Nm	2.45	86mm [NEMA34]

Servo Motor End Connector

Encoder

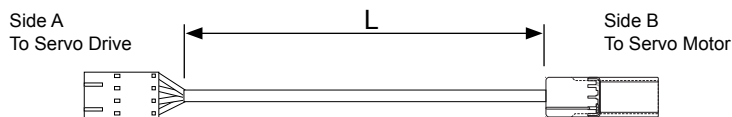
Connector Assembly: HILP-04V-1-S
Contact Pin: SHIF-01T-P0.5
Manufacturer: J.S.T.

Motor Power

Connector Assembly: VLP-04V (with retainer VLS-02V x2)
Contact Pin: SVF-61T-P2.0
Manufacturer: J.S.T.

Encoder Cable

Model Number	Length [L]
CAEN-LH3-TSP	3m
CAEN-LH5-TSP	5m
CAEN-LH10-TSP	10m
CAEN-LH15-TSP	15m



Cable Specification:

Side A To Servo Drive	
Connector Assembly	50-57-9404 or equivalent
Contact	16-02-0069 or equivalent
Manufacturer	Molex.

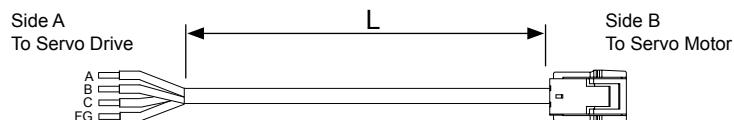
Cable	
Class	30V, 105°C UL20789
Conductor	0.63mm dia. AWG24
Insulator	PVC
O.D.	5.6mm

Side B To Servo Motor	
Connector Assembly	HILR-04VF-1-S
Contact	SHIM-01T-P0.5
Manufacturer	J.S.T.

1. Cable shield connected single point on receiver side
2. All ends heat shrink wrapped.

Motor Power Cable

Model Number	Length [L]
CAMP-LH3-SSP	3m
CAMP-LH5-SSP	5m
CAMP-LH10-SSP	10m
CAMP-LH15-SSP	15m



Cable Specification:

Side A To Servo Drive	
Connector	4-Position Lead Wire

Cable	
Class	600V, 121°C UL1581
Conductor	1.5mm dia. AWG16
Insulator	PVC
O.D.	9mm

Side B To Servo Motor	
Connector Assembly	VLR-04V
Contact	SVM-61T-P2.0
Manufacturer	J.S.T.

1. Cable shield connected single point on receiver side
2. All ends heat shrink wrapped.

Tuning Cable + Software

Servo Drive Tuning Cable	
Model No. CA-MRS232-6	RS232 to DYN2 JP2 + 2m Length

DMMDRV Tuning Software	
DMMDRV.EXE	Win98/XP/2000/Vista/7