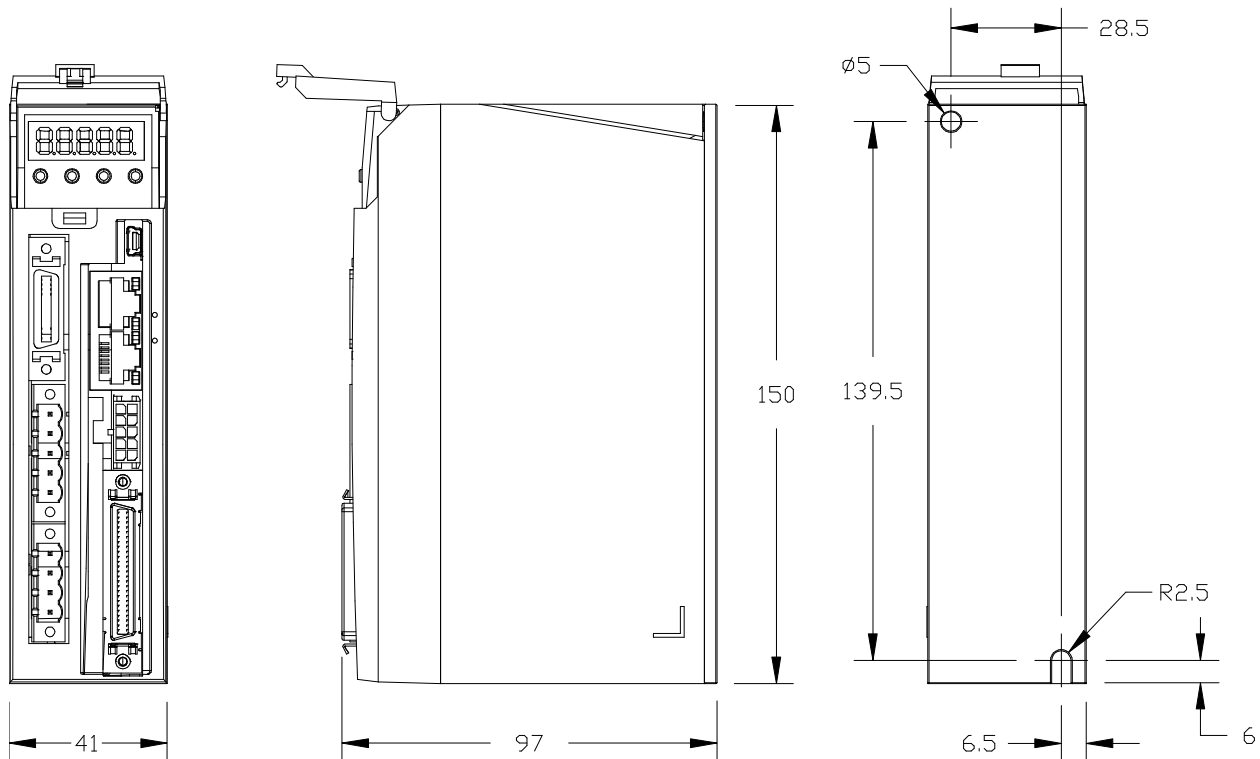


SV2Dx Servo Drives

SV200 Servo Drives for DC-Powered Applications



Drive Dimensions (mm)



Recommended J Series Servo Motors

The following J Series Servo Motors are recommended for use with SV2Dx servo drives. These motors ship from inventory in our Watsonville, CA warehouse. Pricing is available at applied-motion.com.

Part Number	Frame Size	Rated Power (W)	Rated Voltage (VDC)	Brake	Cont. Torque (in-lb)	Peak Torque (in-lb)	Rated Current	Peak Current	Rotor Inertia (oz-in-sec ²)
J0100-303-3-000	40 mm	100	24	No	2.83	8.23	5.2	15.6	6.06E-04
J0100-353-3-000	40 mm	100	24	Yes	2.83	8.23	5.2	15.6	6.99E-04
J0200-304-4-000	60 mm	200	48	No	5.66	16.8	5.2	15.6	2.34E-03
J0200-354-4-000	60 mm	200	48	Yes	5.66	16.8	5.2	15.6	3.12E-03
J0400-305-4-000	60 mm	400	60	No	11.24	33.63	6.9	20.7	3.85E-03
J0400-355-4-000	60 mm	400	60	Yes	11.24	33.63	6.9	20.7	4.61E-03

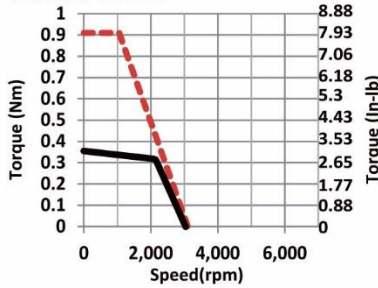
SV2Dx Servo Drives

SV200 Servo Drives for DC-Powered Applications

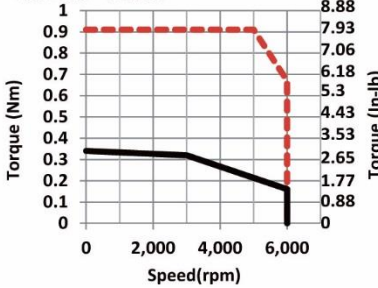


Torque-Speed Curves for Recommended J Series Servo Motors

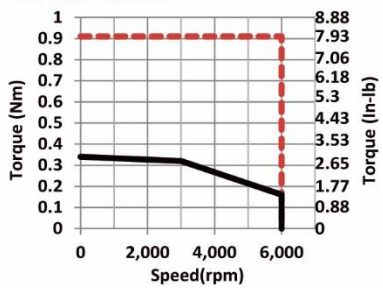
J0100-3x3-3-000(100 Watts) -5.2Amps
DC Bus--24VDC



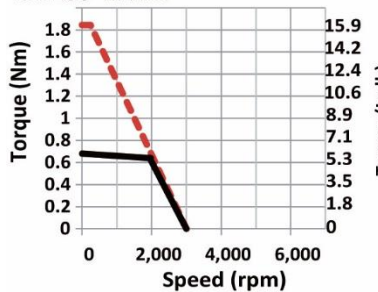
J0100-3x3-3-000(100 Watts) -5.2Amps
DC Bus--48VDC



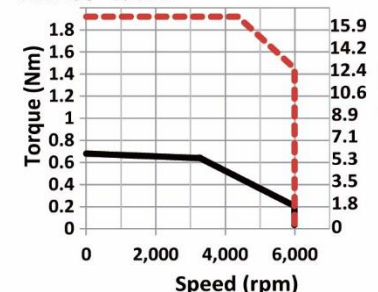
J0100-3x3-3-000(100 Watts) -5.2Amps
DC Bus--60VDC



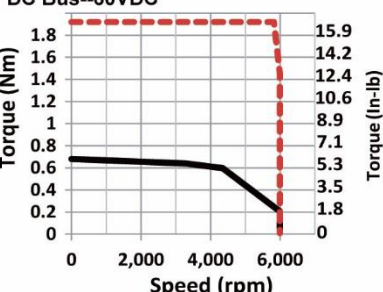
J0200-3x4-4-000(200 Watts) -10Amps
DC Bus--24VDC



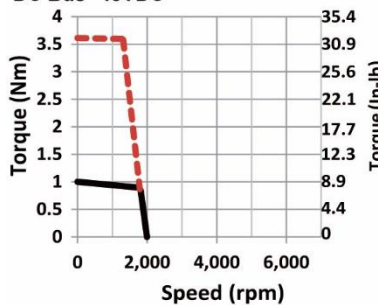
J0200-3x4-4-000(200 Watts) -10Amps
DC Bus--48VDC



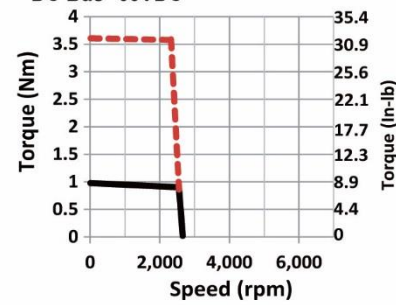
J0200-3x4-4-000(200 Watts) -10Amps
DC Bus--60VDC



J0400-3x5-4-000(400 Watts) -6.9Amps
DC Bus--48VDC



J0400-3x5-4-000(400 Watts) -6.9Amps
DC Bus--60VDC



----- Max. Intermittent Torque
 _____ Max. Continuous Torque

SV2Dx Servo Drives

SV200 Servo Drives for DC-Powered Applications

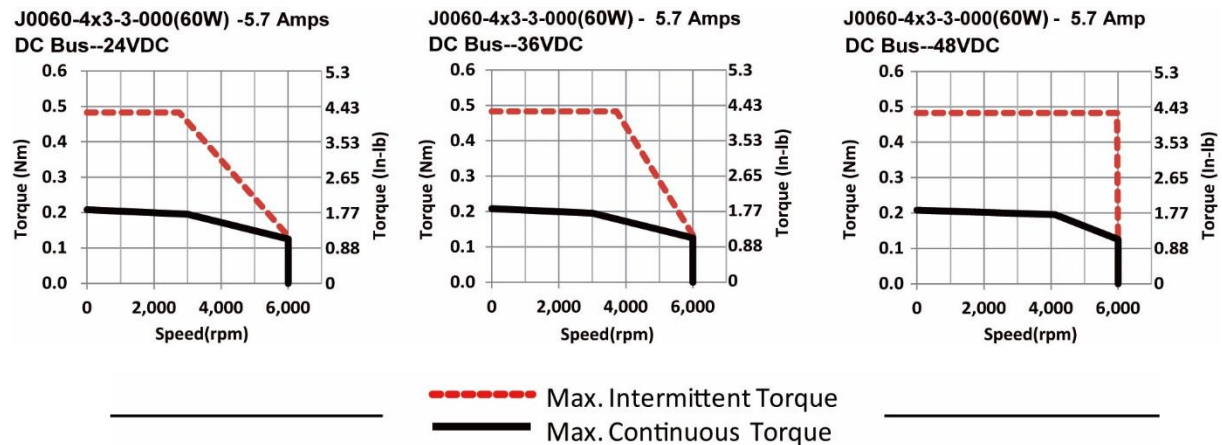


Special Order J Series Servo Motors

The following J Series Servo Motors are available for use with SV2Dx servo drives by special order. Contact our sales department at 1-800-525-1609 to request price and availability.

Part Number	Frame Size	Rated Power (W)	Rated Voltage	Brake	Cont. Torque (in-lb)	Peak Torque (in-lb)	Rated Current	Peak Current	Rotor Inertia (oz-in-sec ²)
J0060-403-3-000	40 mm	60	24	No	1.68	4.25	5.7	14.3	3.28E-04
J0060-453-3-000	40 mm	60	24	Yes	1.68	4.25	5.7	14.3	4.22E-04
J0200-404-4-000	60 mm	200	48	No	5.66	16.8	10	30	2.34E-03
J0200-454-4-000	60 mm	200	48	Yes	5.66	16.8	10	30	3.12E-03
J0400-404-4-000	60 mm	400	48	No	10.7	31.86	10	30	3.85E-03
J0400-454-4-000	60 mm	400	48	Yes	10.7	31.86	10	30	4.61E-03
J0300-404-5-000	80 mm	300	48	No	8.41	20.35	10	25	6.37E-03
J0300-454-5-000	80 mm	300	48	Yes	8.41	20.35	10	25	7.51E-03
J0550-405-5-000	80 mm	550	60	No	15.93	40.71	10	28	8.92E-03
J0550-455-5-000	80 mm	550	60	Yes	15.93	40.71	10	28	10.05E-03

Torque-Speed Curves for Special Order J Series Servo Motors

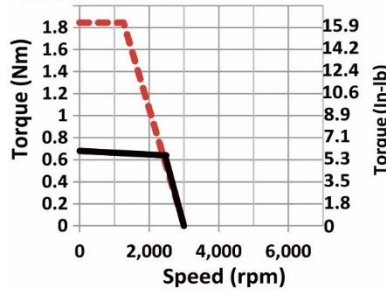


SV2Dx Servo Drives

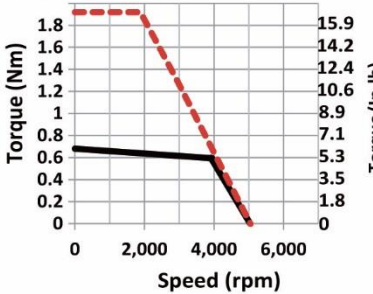
SV200 Servo Drives for DC-Powered Applications



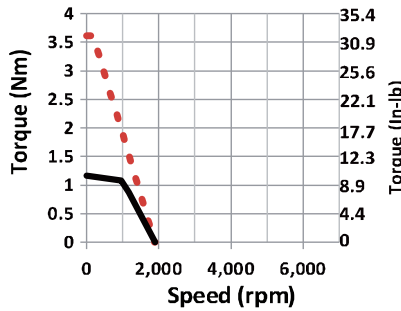
J0200-4x4-4-000(200 Watts) -5.2Amps
DC Bus--48VDC



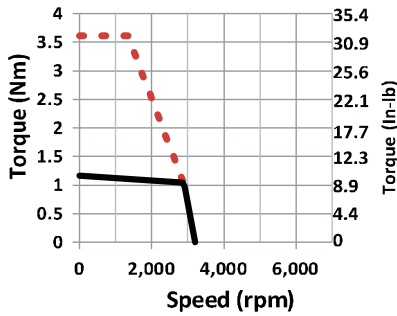
J0200-4x4-4-000(200 Watts) -5.2Amps
DC Bus--60VDC



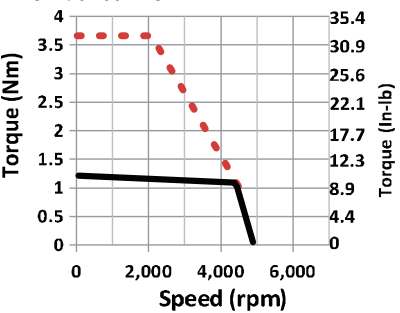
J0400-4x4-4-000(400 Watts) -10Amps
DC Bus--24VDC



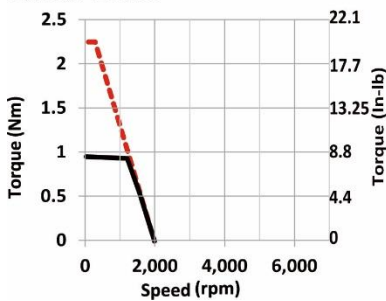
J0400-4x4-4-000(400 Watts) -10Amps
DC Bus--48VDC



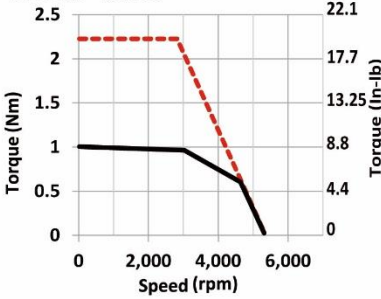
J0400-4x4-4-000(400 Watts) -10Amps
DC Bus--60VDC



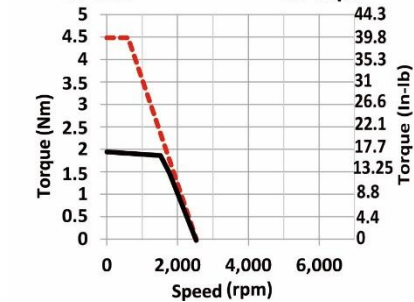
J0300-4x4-5-000(300 Watts) -10Amps
DC Bus--24VDC



J0300-4x4-5-000(300 Watts) -10Amps
DC Bus--48VDC



J0550-4x5-5-000(550 Watts) -10Amps
48 VDC - 10 Amps



J0550-4x5-5-000(550 Watts) -10Amps
60 VDC - 10 Amps

