

Allen-Bradley Kinetix VPL low-inertia servo motors catalog number list

64 base catalog numbers for Allen-Bradley Kinetix VPL low-inertia servo motors, 200 V-class (VPL-A) and 400 V-class (VPL-B), 63 to 165 mm frames, with windings matched to Kinetix 5500 drives, Kinetix 5700 dual-axis inverters and ArmorKinetix DSD modules. The base number gives the voltage class (A = 200 V, B = 400 V), frame size (bolt circle diameter), magnet stack length and rated speed letter; the full catalog number adds feedback, shaft key, connector, brake, mounting flange and factory options, for example VPL-B1003F-PK12AA (P = 18-bit absolute multi-turn Hiperface DSL encoder, K = smooth shaft, 1 = single SpeedTec DIN connector, 2 = no brake or 4 = 24 V DC holding brake, A = IEC metric flange, A = standard or S = shaft seal). Ask us for availability, lead time and price for any motor below.

Kinetix VPL 200 V-class (VPL-A)

ORDER NUMBER	DESCRIPTION	
VPL - A0631E	200 V-class low-inertia servo motor, 63 mm frame; rated speed 4500 rpm (max 4500 rpm), continuous stall torque 0.46 N·m, peak stall torque 1.33 N·m, rated output 0.19 kW	Request a Quote
VPL - A0631M	200 V-class low-inertia servo motor, 63 mm frame; rated speed 7200 rpm (max 7200 rpm), continuous stall torque 0.46 N·m, peak stall torque 1.33 N·m, rated output 0.28 kW	Request a Quote
VPL - A0632F	200 V-class low-inertia servo motor, 63 mm frame; rated speed 4800 rpm (max 4800 rpm), continuous stall torque 0.93 N·m, peak stall torque 2.69 N·m, rated output 0.39 kW	Request a Quote
VPL - A0633C	200 V-class low-inertia servo motor, 63 mm frame; rated speed 3000 rpm (max 3000 rpm), continuous stall torque 1.27 N·m, peak stall torque 4.09 N·m, rated output 0.37 kW	Request a Quote
VPL - A0633F	200 V-class low-inertia servo motor, 63 mm frame; rated speed 4500 rpm (max 4500 rpm), continuous stall torque 1.27 N·m, peak stall torque 4.09 N·m, rated output 0.50 kW	Request a Quote
VPL - A0751E	200 V-class low-inertia servo motor, 75 mm frame; rated speed 4800 rpm (max 4800 rpm), continuous stall torque 1.01 N·m, peak stall torque 2.27 N·m, rated output 0.44 kW	Request a Quote
VPL - A0752C	200 V-class low-inertia servo motor, 75 mm frame; rated speed 3300 rpm (max 3300 rpm), continuous stall torque 1.61 N·m, peak stall torque 4.39 N·m, rated output 0.49 kW	Request a Quote
VPL - A0752E	200 V-class low-inertia servo motor, 75 mm frame; rated speed 4800 rpm (max 4800 rpm), continuous stall torque 1.61 N·m, peak stall torque 4.39 N·m, rated output 0.66 kW	Request a Quote
VPL - A0753C	200 V-class low-inertia servo motor, 75 mm frame; rated speed 3300 rpm (max 3300 rpm), continuous stall torque 2.16 N·m, peak stall torque 7.02 N·m, rated output 0.59 kW	Request a Quote

ORDER NUMBER	DESCRIPTION	
VPL - A0753E	200 V-class low-inertia servo motor, 75 mm frame; rated speed 4600 rpm (max 4600 rpm), continuous stall torque 2.28 N·m, peak stall torque 7.35 N·m, rated output 0.80 kW	Request a Quote
VPL - A1001C	200 V-class low-inertia servo motor, 100 mm frame; rated speed 2800 rpm (max 2800 rpm), continuous stall torque 1.93 N·m, peak stall torque 3.78 N·m, rated output 0.56 kW	Request a Quote
VPL - A1001M	200 V-class low-inertia servo motor, 100 mm frame; rated speed 6500 rpm (max 6500 rpm), continuous stall torque 1.95 N·m, peak stall torque 3.78 N·m, rated output 1.29 kW	Request a Quote
VPL - A1002C	200 V-class low-inertia servo motor, 100 mm frame; rated speed 3000 rpm (max 3000 rpm), continuous stall torque 3.39 N·m, peak stall torque 7.82 N·m, rated output 1.03 kW	Request a Quote
VPL - A1002F	200 V-class low-inertia servo motor, 100 mm frame; rated speed 5000 rpm (max 5000 rpm), continuous stall torque 3.26 N·m, peak stall torque 7.82 N·m, rated output 1.60 kW	Request a Quote
VPL - A1003C	200 V-class low-inertia servo motor, 100 mm frame; rated speed 2250 rpm (max 2250 rpm), continuous stall torque 4.18 N·m, peak stall torque 11.15 N·m, rated output 0.87 kW	Request a Quote
VPL - A1003E	200 V-class low-inertia servo motor, 100 mm frame; rated speed 3750 rpm (max 3750 rpm), continuous stall torque 4.18 N·m, peak stall torque 11.15 N·m, rated output 1.31 kW	Request a Quote
VPL - A1003F	200 V-class low-inertia servo motor, 100 mm frame; rated speed 5500 rpm (max 5500 rpm), continuous stall torque 4.18 N·m, peak stall torque 11.15 N·m, rated output 1.90 kW	Request a Quote
VPL - A1152B	200 V-class low-inertia servo motor, 115 mm frame; rated speed 2150 rpm (max 2150 rpm), continuous stall torque 5.10 N·m, peak stall torque 13.12 N·m, rated output 1.02 kW	Request a Quote
VPL - A1152E	200 V-class low-inertia servo motor, 115 mm frame; rated speed 3300 rpm (max 3300 rpm), continuous stall torque 5.08 N·m, peak stall torque 13.12 N·m, rated output 1.47 kW	Request a Quote
VPL - A1152F	200 V-class low-inertia servo motor, 115 mm frame; rated speed 5000 rpm (max 5000 rpm), continuous stall torque 4.70 N·m, peak stall torque 13.12 N·m, rated output 2.16 kW	Request a Quote
VPL - A1153C	200 V-class low-inertia servo motor, 115 mm frame; rated speed 2300 rpm (max 2300 rpm), continuous stall torque 6.55 N·m, peak stall torque 20.33 N·m, rated output 1.35 kW	Request a Quote
VPL - A1303B	200 V-class low-inertia servo motor, 130 mm frame; rated speed 1950 rpm (max 1950 rpm), continuous stall torque 8.80 N·m, peak stall torque 20.72 N·m, rated output 1.61 kW	Request a Quote
VPL - A1303F	200 V-class low-inertia servo motor, 130 mm frame; rated speed 4000 rpm (max 4000 rpm), continuous stall torque 7.75 N·m, peak stall torque 20.72 N·m, rated output 2.50 kW	Request a Quote
VPL - A1304A	200 V-class low-inertia servo motor, 130 mm frame; rated speed 1600 rpm (max 1600 rpm), continuous stall torque 10.29 N·m, peak stall torque 28.45 N·m, rated output 1.55 kW	Request a Quote

ORDER NUMBER	DESCRIPTION	
VPL - A1304D	200 V-class low-inertia servo motor, 130 mm frame; rated speed 3000 rpm (max 3000 rpm), continuous stall torque 10.20 N·m, peak stall torque 27.10 N·m, rated output 2.60 kW	Request a Quote
VPL - A1306C	200 V-class low-inertia servo motor, 130 mm frame; rated speed 2000 rpm (max 2000 rpm), continuous stall torque 13.38 N·m, peak stall torque 34.62 N·m, rated output 2.13 kW	Request a Quote

Kinetix VPL 400 V-class (VPL-B)

ORDER NUMBER	DESCRIPTION	
VPL - B0631T	400 V-class low-inertia servo motor, 63 mm frame; rated speed 8000 rpm (max 8000 rpm), continuous stall torque 0.46 N·m, peak stall torque 1.33 N·m, rated output 0.31 kW	Request a Quote
VPL - B0631U	400 V-class low-inertia servo motor, 63 mm frame; rated speed 8000 rpm (max 8000 rpm), continuous stall torque 0.46 N·m, peak stall torque 1.33 N·m, rated output 0.31 kW	Request a Quote
VPL - B0632F	400 V-class low-inertia servo motor, 63 mm frame; rated speed 4600 rpm (max 4600 rpm), continuous stall torque 0.93 N·m, peak stall torque 2.69 N·m, rated output 0.37 kW	Request a Quote
VPL - B0632T	400 V-class low-inertia servo motor, 63 mm frame; rated speed 8000 rpm (max 8000 rpm), continuous stall torque 0.93 N·m, peak stall torque 2.69 N·m, rated output 0.54 kW	Request a Quote
VPL - B0633M	400 V-class low-inertia servo motor, 63 mm frame; rated speed 6500 rpm (max 6700 rpm), continuous stall torque 1.27 N·m, peak stall torque 4.09 N·m, rated output 0.57 kW	Request a Quote
VPL - B0633T	400 V-class low-inertia servo motor, 63 mm frame; rated speed 6500 rpm (max 8000 rpm), continuous stall torque 1.27 N·m, peak stall torque 4.09 N·m, rated output 0.57 kW	Request a Quote
VPL - B0751M	400 V-class low-inertia servo motor, 75 mm frame; rated speed 8000 rpm (max 8000 rpm), continuous stall torque 1.01 N·m, peak stall torque 2.27 N·m, rated output 0.54 kW	Request a Quote
VPL - B0752E	400 V-class low-inertia servo motor, 75 mm frame; rated speed 4900 rpm (max 4900 rpm), continuous stall torque 1.61 N·m, peak stall torque 4.39 N·m, rated output 0.67 kW	Request a Quote
VPL - B0752F	400 V-class low-inertia servo motor, 75 mm frame; rated speed 7000 rpm (max 7000 rpm), continuous stall torque 1.61 N·m, peak stall torque 4.39 N·m, rated output 0.80 kW	Request a Quote
VPL - B0752M	400 V-class low-inertia servo motor, 75 mm frame; rated speed 8000 rpm (max 8000 rpm), continuous stall torque 1.61 N·m, peak stall torque 4.39 N·m, rated output 0.81 kW	Request a Quote
VPL - B0753E	400 V-class low-inertia servo motor, 75 mm frame; rated speed 4500 rpm (max 4500 rpm), continuous stall torque 2.28 N·m, peak stall torque 7.35 N·m, rated output 0.81 kW	Request a Quote
VPL - B0753F	400 V-class low-inertia servo motor, 75 mm frame; rated speed 4500 rpm (max 6600 rpm), continuous stall torque 2.16 N·m, peak stall torque 7.02 N·m, rated output 0.65 kW	Request a Quote

ORDER NUMBER	DESCRIPTION	
VPL - B0753M	400 V-class low-inertia servo motor, 75 mm frame; rated speed 6000 rpm (max 8000 rpm), continuous stall torque 2.28 N·m, peak stall torque 7.35 N·m, rated output 0.82 kW	Request a Quote
VPL - B1001M	400 V-class low-inertia servo motor, 100 mm frame; rated speed 6000 rpm (max 6000 rpm), continuous stall torque 1.93 N·m, peak stall torque 3.78 N·m, rated output 1.14 kW	Request a Quote
VPL - B1002E	400 V-class low-inertia servo motor, 100 mm frame; rated speed 3300 rpm (max 3300 rpm), continuous stall torque 3.39 N·m, peak stall torque 7.82 N·m, rated output 1.12 kW	Request a Quote
VPL - B1002M	400 V-class low-inertia servo motor, 100 mm frame; rated speed 6000 rpm (max 6000 rpm), continuous stall torque 3.39 N·m, peak stall torque 7.82 N·m, rated output 1.86 kW	Request a Quote
VPL - B1003C	400 V-class low-inertia servo motor, 100 mm frame; rated speed 2500 rpm (max 2500 rpm), continuous stall torque 4.18 N·m, peak stall torque 11.15 N·m, rated output 0.96 kW	Request a Quote
VPL - B1003F	400 V-class low-inertia servo motor, 100 mm frame; rated speed 4750 rpm (max 4750 rpm), continuous stall torque 4.18 N·m, peak stall torque 11.15 N·m, rated output 1.65 kW	Request a Quote
VPL - B1003T	400 V-class low-inertia servo motor, 100 mm frame; rated speed 7000 rpm (max 7000 rpm), continuous stall torque 4.18 N·m, peak stall torque 11.15 N·m, rated output 1.77 kW	Request a Quote
VPL - B1152C	400 V-class low-inertia servo motor, 115 mm frame; rated speed 2250 rpm (max 2250 rpm), continuous stall torque 5.10 N·m, peak stall torque 13.12 N·m, rated output 1.06 kW	Request a Quote
VPL - B1152F	400 V-class low-inertia servo motor, 115 mm frame; rated speed 4000 rpm (max 4500 rpm), continuous stall torque 5.10 N·m, peak stall torque 13.12 N·m, rated output 1.40 kW	Request a Quote
VPL - B1152T	400 V-class low-inertia servo motor, 115 mm frame; rated speed 6500 rpm (max 6500 rpm), continuous stall torque 5.08 N·m, peak stall torque 13.12 N·m, rated output 2.29 kW	Request a Quote
VPL - B1153E	400 V-class low-inertia servo motor, 115 mm frame; rated speed 3200 rpm (max 3200 rpm), continuous stall torque 6.55 N·m, peak stall torque 20.33 N·m, rated output 1.75 kW	Request a Quote
VPL - B1153F	400 V-class low-inertia servo motor, 115 mm frame; rated speed 5000 rpm (max 5000 rpm), continuous stall torque 6.55 N·m, peak stall torque 20.33 N·m, rated output 2.30 kW	Request a Quote
VPL - B1303C	400 V-class low-inertia servo motor, 130 mm frame; rated speed 2250 rpm (max 2250 rpm), continuous stall torque 8.80 N·m, peak stall torque 20.72 N·m, rated output 1.83 kW	Request a Quote
VPL - B1303F	400 V-class low-inertia servo motor, 130 mm frame; rated speed 4000 rpm (max 4000 rpm), continuous stall torque 8.80 N·m, peak stall torque 20.72 N·m, rated output 2.82 kW	Request a Quote
VPL - B1304C	400 V-class low-inertia servo motor, 130 mm frame; rated speed 2150 rpm (max 2150 rpm), continuous stall torque 10.29 N·m, peak stall torque 28.45 N·m, rated output 1.75 kW	Request a Quote

ORDER NUMBER	DESCRIPTION	
VPL - B1304E	400 V-class low-inertia servo motor, 130 mm frame; rated speed 3500 rpm (max 3500 rpm), continuous stall torque 10.29 N·m, peak stall torque 28.45 N·m, rated output 2.82 kW	Request a Quote
VPL - B1306C	400 V-class low-inertia servo motor, 130 mm frame; rated speed 2500 rpm (max 2500 rpm), continuous stall torque 13.38 N·m, peak stall torque 34.62 N·m, rated output 2.46 kW	Request a Quote
VPL - B1306F	400 V-class low-inertia servo motor, 130 mm frame; rated speed 4250 rpm (max 4250 rpm), continuous stall torque 13.38 N·m, peak stall torque 34.62 N·m, rated output 2.95 kW	Request a Quote
VPL - B1651C	400 V-class low-inertia servo motor, 165 mm frame; rated speed 2750 rpm (max 2750 rpm), continuous stall torque 11.50 N·m, peak stall torque 22.45 N·m, rated output 2.32 kW	Request a Quote
VPL - B1651F	400 V-class low-inertia servo motor, 165 mm frame; rated speed 4750 rpm (max 4750 rpm), continuous stall torque 11.43 N·m, peak stall torque 22.45 N·m, rated output 4.38 kW	Request a Quote
VPL - B1652C	400 V-class low-inertia servo motor, 165 mm frame; rated speed 2700 rpm (max 2700 rpm), continuous stall torque 19.40 N·m, peak stall torque 48.60 N·m, rated output 4.18 kW	Request a Quote
VPL - B1652F	400 V-class low-inertia servo motor, 165 mm frame; rated speed 4000 rpm (max 4000 rpm), continuous stall torque 17.60 N·m, peak stall torque 48.60 N·m, rated output 4.77 kW	Request a Quote
VPL - B1653C	400 V-class low-inertia servo motor, 165 mm frame; rated speed 2300 rpm (max 2300 rpm), continuous stall torque 25.76 N·m, peak stall torque 66.70 N·m, rated output 4.38 kW	Request a Quote
VPL - B1653D	400 V-class low-inertia servo motor, 165 mm frame; rated speed 3000 rpm (max 3000 rpm), continuous stall torque 24.20 N·m, peak stall torque 67.80 N·m, rated output 5.50 kW	Request a Quote
VPL - B1654B	400 V-class low-inertia servo motor, 165 mm frame; rated speed 1850 rpm (max 1850 rpm), continuous stall torque 32.97 N·m, peak stall torque 79.30 N·m, rated output 5.55 kW	Request a Quote
VPL - B1654D	400 V-class low-inertia servo motor, 165 mm frame; rated speed 3000 rpm (max 3000 rpm), continuous stall torque 32.0 N·m, peak stall torque 75.30 N·m, rated output 7.16 kW	Request a Quote

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