

Allen-Bradley PowerFlex 700 AC drives (20B) and communication adapters, catalog number list

89 catalog numbers for Allen-Bradley PowerFlex 700 AC drives (20B) and communication adapters, decoded with the official catalog number explanation and ratings tables. ND / HD = normal / heavy duty; amps are continuous output current at normal duty. Catalog number: position 4 = voltage (C 400 V AC, D 480 V AC, R 650 V DC with precharge); 5...7 = normal-duty rating code; 8 = enclosure (A IP20, NEMA/UL Type 1, conformal coated); 9 = HIM (0 blank cover, 3 full numeric LCD); 10 = documentation (A manual, N none); 11 = brake IGBT (Y yes, N no); 12 = internal brake resistor (Y yes, N no); 13 = emission (A CE filter and CM choke, B CE filter only, N none); 14 = internal communication adapter (C ControlNet, D DeviceNet, E EtherNet/IP, N none); 15 = control and I/O (A standard 24V DC/AC, B standard 115V AC, C vector 24V DC, D vector 115V AC, N standard, no I/O); 16 = feedback (0 none, 1 12V/5V encoder). Ask us for availability, lead time and price for any item below.

400 V AC, 3-phase input (ratings in kW)

ORDER NUMBER	DESCRIPTION	
20BC2P1A0AYNANC0	PowerFlex 700, 400 V AC, 0.75 kW ND / 0.55 kW HD, 2.1 A, frame 0, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC2P1A3AYNAEC0	PowerFlex 700, 400 V AC, 0.75 kW ND / 0.55 kW HD, 2.1 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, EtherNet/IP adapter, vector control, 24V DC I/O	Request a Quote
20BC3P5A0AYNANC0	PowerFlex 700, 400 V AC, 1.5 kW ND / 0.75 kW HD, 3.5 A, frame 0, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC3P5A3AYNANC0	PowerFlex 700, 400 V AC, 1.5 kW ND / 0.75 kW HD, 3.5 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC5P0A0AYNACC0	PowerFlex 700, 400 V AC, 2.2 kW ND / 1.5 kW HD, 5 A, frame 0, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O	Request a Quote
20BC5P0A3AYNANC0	PowerFlex 700, 400 V AC, 2.2 kW ND / 1.5 kW HD, 5 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC8P7A3AYNAEC0	PowerFlex 700, 400 V AC, 4 kW ND / 2.2 kW HD, 8.7 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, EtherNet/IP adapter, vector control, 24V DC I/O	Request a Quote
20BC8P7A3AYNANC0	PowerFlex 700, 400 V AC, 4 kW ND / 2.2 kW HD, 8.7 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC011A3AYNANC0	PowerFlex 700, 400 V AC, 5.5 kW ND / 4 kW HD, 11.5 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC022A0AYNANC0	PowerFlex 700, 400 V AC, 11 kW ND / 7.5 kW HD, 22 A, frame 1, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote

ORDER NUMBER	DESCRIPTION	
20BC037A0AYNACC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O	Request a Quote
20BC037A0AYNANA0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, CE filter and CM choke, standard control, 24V DC/AC I/O	Request a Quote
20BC037A0AYNANC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC037A0AYNAND0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BC037A0AYNANN0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, CE filter and CM choke, standard control, no I/O	Request a Quote
20BC037A0AYYANC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, internal brake resistor, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC037A0NYNANC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O, no manual	Request a Quote
20BC037A3AYNACC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O	Request a Quote
20BC037A3AYNAEC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, CE filter and CM choke, EtherNet/IP adapter, vector control, 24V DC I/O	Request a Quote
20BC037A3AYNANC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC037A3AYNANC1	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BC037A3AYNANN0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, CE filter and CM choke, standard control, no I/O	Request a Quote
20BC037A3AYYACC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, internal brake resistor, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O	Request a Quote
20BC037A3AYYADC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, internal brake resistor, CE filter and CM choke, DeviceNet adapter, vector control, 24V DC I/O	Request a Quote
20BC037A3AYYANC0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, internal brake resistor, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC037A3AYYANC1	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, internal brake resistor, CE filter and CM choke, vector control, 24V DC I/O, encoder feedback	Request a Quote

ORDER NUMBER	DESCRIPTION	
20BC037A3NYNANA0	PowerFlex 700, 400 V AC, 18.5 kW ND / 15 kW HD, 37 A, frame 2, full numeric LCD HIM, brake IGBT, CE filter and CM choke, standard control, 24V DC/AC I/O, no manual	Request a Quote
20BC043A0AYNACC0	PowerFlex 700, 400 V AC, 22 kW ND / 18.5 kW HD, 43 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O	Request a Quote
20BC043A0AYNACC1	PowerFlex 700, 400 V AC, 22 kW ND / 18.5 kW HD, 43 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BC043A0AYNANC0	PowerFlex 700, 400 V AC, 22 kW ND / 18.5 kW HD, 43 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC056A0AYNACA0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, standard control, 24V DC/AC I/O	Request a Quote
20BC056A0AYNACC0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O	Request a Quote
20BC056A0AYNACD1	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 115V AC I/O, encoder feedback	Request a Quote
20BC056A0AYNANA0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, standard control, 24V DC/AC I/O	Request a Quote
20BC056A0AYNANC0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC056A0AYNAND0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BC056A3AYNAEC1	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, full numeric LCD HIM, brake IGBT, CE filter and CM choke, EtherNet/IP adapter, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BC056A3AYNANC0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC056A3AYNANC1	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BC056A3AYNAND0	PowerFlex 700, 400 V AC, 30 kW ND / 22 kW HD, 56 A, frame 3, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BC072A0AYNANC0	PowerFlex 700, 400 V AC, 37 kW ND / 30 kW HD, 72 A, frame 3, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC085A0ANNANC0	PowerFlex 700, 400 V AC, 45 kW ND / 37 kW HD, 85 A, frame 4, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC085A0AYNANC0	PowerFlex 700, 400 V AC, 45 kW ND / 37 kW HD, 85 A, frame 4, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote

ORDER NUMBER	DESCRIPTION	
20BC105A0AYNANC0	PowerFlex 700, 400 V AC, 55 kW ND / 45 kW HD, 105 A, frame 5, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC140A3ANNANC0	PowerFlex 700, 400 V AC, 75 kW ND / 55 kW HD, 140 A, frame 5, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC170A0ANNANC0	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC170A0AYNANC0	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC170A0NNNANC0	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O, no manual	Request a Quote
20BC170A3ANNANA0	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, standard control, 24V DC/AC I/O	Request a Quote
20BC170A3ANNANC0	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC170A3AYNANC0	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC170A3AYNANC1	PowerFlex 700, 400 V AC, 90 kW ND / 75 kW HD, 170 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BC205A0ANNANC0	PowerFlex 700, 400 V AC, 110 kW ND / 90 kW HD, 205 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC205A0AYNANC0	PowerFlex 700, 400 V AC, 110 kW ND / 90 kW HD, 205 A, frame 6, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC205A3ANNANC0	PowerFlex 700, 400 V AC, 110 kW ND / 90 kW HD, 205 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC205A3AYNANC0	PowerFlex 700, 400 V AC, 110 kW ND / 90 kW HD, 205 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC260A0ANNANC0	PowerFlex 700, 400 V AC, 132 kW ND / 110 kW HD, 260 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC260A0AYNANC0	PowerFlex 700, 400 V AC, 132 kW ND / 110 kW HD, 260 A, frame 6, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC260A3ANNANC0	PowerFlex 700, 400 V AC, 132 kW ND / 110 kW HD, 260 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BC260A3AYNANC0	PowerFlex 700, 400 V AC, 132 kW ND / 110 kW HD, 260 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote

480 V AC, 3-phase input (ratings in HP)

ORDER NUMBER	DESCRIPTION	
20BD3P4A3AYNANC1	PowerFlex 700, 480 V AC, 2 HP ND / 1.5 HP HD, 3.4 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BD5P0A3AYNAND0	PowerFlex 700, 480 V AC, 3 HP ND / 2 HP HD, 5 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BD8P0A3AYNAEC0	PowerFlex 700, 480 V AC, 5 HP ND / 3 HP HD, 8 A, frame 0, full numeric LCD HIM, brake IGBT, CE filter and CM choke, EtherNet/IP adapter, vector control, 24V DC I/O	Request a Quote
20BD014A3AYNANC0	PowerFlex 700, 480 V AC, 10 HP ND / 7.5 HP HD, 14 A, frame 1, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD014A3AYNAND0	PowerFlex 700, 480 V AC, 10 HP ND / 7.5 HP HD, 14 A, frame 1, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BD022A3AYNANC0	PowerFlex 700, 480 V AC, 15 HP ND / 10 HP HD, 22 A, frame 1, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD156A0ANNANC0	PowerFlex 700, 480 V AC, 125 HP ND / 100 HP HD, 156 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD156A0AYNANC0	PowerFlex 700, 480 V AC, 125 HP ND / 100 HP HD, 156 A, frame 6, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD156A3ANNANC0	PowerFlex 700, 480 V AC, 125 HP ND / 100 HP HD, 156 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD156A3AYNANC0	PowerFlex 700, 480 V AC, 125 HP ND / 100 HP HD, 156 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD180A0AYNANC0	PowerFlex 700, 480 V AC, 150 HP ND / 125 HP HD, 180 A, frame 6, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD248A0ANNANC0	PowerFlex 700, 480 V AC, 200 HP ND / 150 HP HD, 248 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD248A0AYNANC0	PowerFlex 700, 480 V AC, 200 HP ND / 150 HP HD, 248 A, frame 6, no HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD248A3ANNANC0	PowerFlex 700, 480 V AC, 200 HP ND / 150 HP HD, 248 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BD248A3AYNANC0	PowerFlex 700, 480 V AC, 200 HP ND / 150 HP HD, 248 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote

650 V DC input with precharge (ratings in HP)

ORDER NUMBER	DESCRIPTION	
20BR096A3AYNACC1	PowerFlex 700, 650 V DC, 75 HP ND / 60 HP HD, 96 A, frame 5, full numeric LCD HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BR156A0ANNANC0	PowerFlex 700, 650 V DC, 125 HP ND / 100 HP HD, 156 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BR156A0ANNAND0	PowerFlex 700, 650 V DC, 125 HP ND / 100 HP HD, 156 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BR156A3ANNANC0	PowerFlex 700, 650 V DC, 125 HP ND / 100 HP HD, 156 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BR156A3ANNAND0	PowerFlex 700, 650 V DC, 125 HP ND / 100 HP HD, 156 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BR156A3AYNACC1	PowerFlex 700, 650 V DC, 125 HP ND / 100 HP HD, 156 A, frame 6, full numeric LCD HIM, brake IGBT, CE filter and CM choke, ControlNet adapter, vector control, 24V DC I/O, encoder feedback	Request a Quote
20BR180A0ANNANC0	PowerFlex 700, 650 V DC, 150 HP ND / 125 HP HD, 180 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BR180A0ANNAND0	PowerFlex 700, 650 V DC, 150 HP ND / 125 HP HD, 180 A, frame 6, no HIM, no brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote
20BR180A3ANNANC0	PowerFlex 700, 650 V DC, 150 HP ND / 125 HP HD, 180 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 24V DC I/O	Request a Quote
20BR180A3ANNAND0	PowerFlex 700, 650 V DC, 150 HP ND / 125 HP HD, 180 A, frame 6, full numeric LCD HIM, no brake IGBT, CE filter and CM choke, vector control, 115V AC I/O	Request a Quote

Communication adapters

ORDER NUMBER	DESCRIPTION	
20 - COMM - C	ControlNet communication adapter (coax), PowerFlex 700 drive option	Request a Quote
20 - COMM - D	DeviceNet communication adapter, PowerFlex 700 drive option	Request a Quote
20 - COMM - E	EtherNet/IP communication adapter, PowerFlex 700 drive option	Request a Quote
20 - COMM - H	HVAC communication adapter (only Modbus RTU can be used), PowerFlex 700 drive option	Request a Quote

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