



Dart 153D-PB Series Cross Reference



American Control Electronics Cross Reference (Updated 3/11/20)

Competitor #	Description	Dart #	Granger #	Description
LGC400-1.5	90/180V 1.5A chassis w/ spade terminals; to 1/4 HP	125D-12C; alt 151D-12C	5DYG9	120/240VAC, 90/180Vdc to 1/4 HP, chassis
LGC400-1.5-QDT	90/180V 1.5A chassis w/ plug style terminal strip; to 1/4 HP	125D-12C; alt 151D-12C	5DYG9	120/240VAC, 90/180Vdc to 1/4 HP, chassis
LGC400-10	90/180V 10A chassis w/ spade terminals (Aux heat sink required for 10A rating); to 2 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis
LGC400-10-QDT	90/180V 10A chassis w/ plug style terminal strip (Aux heat sink required for 10A rating); to 2 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis
LGC410-1.5	90/180V 1.5A NEMA 1; to 1/4 HP	15DVP	4Z527	120/240VAC In, 90/180V, 2A, NEMA 1
LGC410-10	90/180V 10A NEMA 1 (Aux heat sink required for 10A rating); to 2 HP	253G-200E; alt 153D-200E-PB w/ digital pot	6Z386	120/240VAC In, 90/180V, 10A, NEMA 4
LGC430-1.5	90/180V 1.5A NEMA 1 On/Off, Run/Brake and FWD/REV switches; to 1/4 HP	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180V, 10A, NEMA 4, Reversing
LGC430-10	90/180V 10A NEMA 1 On/Off, Run/Brake and FWD/REV switches; (Aux heat sink required for 10A rating); to 2 HP	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180V, 10A, NEMA 4, Reversing
LGC440-1.5	90/180V 1.5A NEMA 4X; to 1/4 HP	15DVE	5JJ58	90/180VDC, 3A, 120VAC In, NEMA 4/12 to 1/4 HP
LGC440-10	90/180V 10A NEMA 4X (Aux heat sink required for 10A rating); to 2 HP	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X
LGD400-1.5	90/180V 1.5A chassis w/ spade terminals; to 1/4 HP	125D-12C; alt 151D-12C	5DYG9	120/240VAC, 90/180Vdc to 1/4 HP, chassis
LGD400-10	90/180V 10A chassis w/ spade terminals (Aux heat sink required for 10A rating); to 2 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis
LGD410-1.5	90/180V 1.5A NEMA 1; to 1/4 HP	15DVP	4Z527	120/240VAC In, 90/180V, 2A, NEMA 1
LGD410-10	90/180V 10A NEMA 1 (Aux heat sink required for 10A rating); to 2 HP	253G-200E; alt 153D-200E-PB w/ digital pot	6Z386	120/240VAC In, 90/180V, 10A, NEMA 4
LGD430-1.5	90/180V 1.5A NEMA 1 On/Off, Run/Brake and FWD/REV switches; to 1/4 HP	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180V, 10A, NEMA 4, Reversing
LGD430-10	90/180V 10A NEMA 1 On/Off, Run/Brake and FWD/REV switches; (Aux heat sink required for 10A rating); to 2 HP	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180V, 10A, NEMA 4, Reversing
LGD440-1.5	90/180V 1.5A NEMA 4X; to 1/4 HP	15DVE	5JJ58	90/180VDC, 3A, 120VAC In, NEMA 4/12 to 1/4 HP
LGD440-10	90/180V 10A NEMA 4X (Aux heat sink required for 10A rating); to 2 HP	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X
LGM103-3	90V/115AC; 3A chassis w/ isolated voltage/current follower, to 1/4 HP	125D-12C-55H; alt 153D-25C-55H3	N/A	120/240VAC In, 90/180VDC, 1.6A, Isolated Voltage Follower AND Isolated 4-20mA Follower
LGM103-10	90V/115AC; 10A chassis w/ isolated voltage/current follower, to 1 HP	253G-200C-55H2	N/A	120/240VAC In, 90/180VDC, 10A, Isolated Voltage Follower AND Isolated 4-20mA Follower
LGM303-3	90/180V, 230VAC; 3A chassis w/ isolated voltage/current follower, to 1/2 HP	125DV-C-55H; alt 153D-200C-55H3	N/A	120/240VAC In, 90/180VDC, 5A, Isolated Voltage Follower AND Isolated 4-20mA Follower
LGM303-10	90/180V, 230VAC; 10A chassis w/ isolated voltage/current follower, to 2 HP	253G-200C-55H2	N/A	120/240VAC In, 90/180VDC, 10A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MHS403-1.5	90/180V; 1.5A chassis w/ isolated voltage/current follower, to 1/4 HP	125D-12C-55H; alt 153D-25C-55H3	N/A	120/240VAC In, 90/180VDC, 1.6A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MHS403-10	90/180V; 10A chassis w/ isolated voltage/current follower, to 2 HP	253G-200C-55H2	N/A	120/240VAC In, 90/180VDC, 10A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MHS403-25	90/180V; 25A chassis w/ isolated voltage/current follower, to 5 HP	533BC	5JJ59	120/240VAC, 90/180Vdc to 3 HP, chassis
MHS443-10	90V/180V; 10A NEMA 4X w/ isolated voltage/current follower, to 2 HP	125DV200EB-56H	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X, Isolated Voltage Follower AND Isolated 4-20mA Follower
PAT440-10	90V/180V; 10A NEMA 4X to 2 HP	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X
PAT450-10	90V/180V; 10A NEMA 4X to 2 HP w/ contact reversing	125DV200EB-56H	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X, Isolated Voltage Follower AND Isolated 4-20mA Follower
PWL400-3	90-130/90-240V (120/240VAC); 3A chassis to 1/2 HP; PWM	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWL400-5	90-130/90-240V (120/240VAC); 5A chassis to 1 HP; PWM	DPW05DVC	N/A	130/240VDC, 5A, 120/240VAC In
PWL400-10	90-130/90-240V (120/240VAC); 10A chassis to 2 HP; PWM	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
PWL400-15	90-130/90-240V (120/240VAC); 15A chassis to 3 HP; PWM	N/A	N/A	
PWL440-3	90-130/90-240V (120/240VAC); 3A NEMA 4X to 1/2 HP; PWM	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWL440-10	90-130/90-240V (120/240VAC); 10A NEMA 4X to 2 HP; PWM	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
PWL440-10-JOG	90-130/90-240V (120/240VAC); 10A NEMA 4X to 2 HP; PWM w/ Run/Jog switch	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
PWM400-2	90-130/90-240V (120/240VAC); 2A chassis to 1/3 HP; PWM	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWM401-2	90-130/90-240V (120/240VAC); 2A chassis to 1/3 HP; PWM with isolated 0-5Vdc follower input	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWM400-5	90-130/90-240V (120/240VAC); 5A chassis to 1HP; PWM	DPW05DVC	N/A	130/240VDC, 5A, 120/240VAC In
PWM401-5	90-130/90-240V (120/240VAC); 5A chassis to 1HP; PWM with isolated 0-5Vdc follower input	DPW05DVC	N/A	130/240VDC, 5A, 120/240VAC In
PWM400-10	90-130/90-240V (120/240VAC); 10A chassis to 2 HP; PWM	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
PWM401-10	90-130/90-240V (120/240VAC); 10A chassis to 2 HP; PWM with isolated 0-5Vdc follower input	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
PWP100-2	90-130/90-240V (120/240VAC); 2A chassis to 1/3 HP; PWM	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWP100-2-QDT	90-130/90-240V (120/240VAC); 2A chassis to 1/3 HP; PWM with plug style connector	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWP101-2	90-130/90-240V (120/240VAC); 2A chassis to 1/3 HP; PWM with isolated 0-10Vdc follower input	DPW02DVC	N/A	130/240VDC, 2A, 120/240VAC In
PWP100-5	90-130/90-240V (120/240VAC); 5A chassis to 1HP; PWM	DPW05DVC	N/A	130/240VDC, 5A, 120/240VAC In
PWP101-5	90-130/90-240V (120/240VAC); 5A chassis to 1HP; PWM with isolated 0-10Vdc follower input	DPW05DVC	N/A	130/240VDC, 5A, 120/240VAC In
PWP100-10	90-130/90-240V (120/240VAC); 10A chassis to 2 HP; PWM	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
PWP101-10	90-130/90-240V (120/240VAC); 10A chassis to 2 HP; PWM with isolated 0-10Vdc follower input	DPW10DVC	N/A	130/240VDC, 10A, 120/240VAC In
RGA Series	Line voltage in / DC out 4Q REGENERATIVE drive to 2 HP	N/A	N/A	
RGF Series	Line voltage in / DC out 4Q REGENERATIVE drive to 5 HP	N/A	N/A	
RGM Series	Line voltage in / DC out 4Q REGENERATIVE drive to 2 HP with some models include isolated voltage / 4-20mA follower input	N/A	N/A	
DCH Series	Line voltage in / low voltage (12-24Vdc) out 4Q REGENERATIVE drive to 1/8 HP	N/A	N/A	
DCN Series	Low voltage (12-24Vdc) in/out, to 1/15 HP	65E10C	3VU56 (12V) or 3VU55 (24-36V)	24/36VDC(12VDC) In, 0-SupplyV, 10A, PWM
DCR Series	Low voltage (12-48Vdc) in/out, 4Q REGENERATIVE drive to 7.5 HP	N/A	N/A	

No Field Supply; selectable Inhibit action; Speed or Torque mode

Obsolete - but may come back. Consult Factory

[ACE Website](#)

American Control Electronics DC drives are manufactured by Minarik Electronics



Dart 153D-PB Series Cross Reference



Baldor Cross Reference *(Updated 3/11/20)*

Competitor #	Description	Dart #	Grainger #	Description
BC138	90VDC, 3.4A, 115VAC In, Adjustable ACCEL/DECEL, NEMA 1	15DVP; 15DVE	4Z527; 5JJ58	90/180VDC, 2.0A 120/240VAC In, NEMA 1 (15DVP & 4Z527) 90/180VDC, 3.0A 120/240VAC In, NEMA 4 (15DVE & 5JJ58) NO ACCEL / DECEL adjustments
BC139	180VDC, 3.4A, 230VAC In, Adjustable ACCEL/DECEL, NEMA 1	253G-200E; alt 153D-200E-PB	6Z386A	90/180VDC, 10A. 120/240VAC In, NEMA 4/12; (253 only) NO DECEL adjustment
BC140	90/180VDC, 10A, 115/230VAC In, NEMA 1	253G-200E; alt 153D-200E-PB	6Z386A	90/180VDC, 10A. 120/240VAC In, NEMA 4/12; (253 only) NO DECEL adjustment
BC140-FBR	90/180VDC, 10A, 115/230VAC In, NEMA 1, Reversing	253G-200E-29; alt 153D-200E-PB-29	N/A	90/180VDC, 10A. 120/240VAC In, NEMA 4/12, Reversing; (253 only) NO DECEL Adjustment
BC 141	90VDC, 10A, 115VAC In; requires heat sink for higher Amp rating	125DV-C; 253G-200C	N/A	90/180VDC, 120/240VAC In; 125 rated 5.0A and 253G rated 10A
BC141-SIH	BC141 with BC152 Signal Isolator and BC143 Heatsink	153D-200C-55H3-HSK	N/A	
BC142	180VDC, 10A, 230VAC In; requires heat sink for higher Amp rating	253G-200C	N/A	90/180VDC, 120/240VAC In; 125 rated 5.0A and 253G rated 10A
BC142-SIH	BC142 with BC152 Signal Isolator and BC143 Heatsink	153D-200C-55H3-HSK	N/A	
BC142-5	BC142, Dual voltage, without fuse holders	153D-200C-HSK	N/A	
BC142-6	90/180VDC, 8A, 115/230VAC	253G-200C	N/A	90/180VDC, 10A, 120/240VAC In
BC142-6SIH	BC142-6 with BC152 signal isolator board and BC143 heatsink	153D-200C-55H3-HSK	N/A	
BC154	90/180VDC, 10.2A, 115/230VAC. NEMA 4X	253G-200E-4X; alt 153D-200E-PB	N/A	90/180VDC, 10A. 120/240VAC In, NEMA 4X
BCWD140	90/180VDC, 10.2A, 115/230VAC. NEMA 4X	253G-200E-4X; alt 153D-200E-PB	N/A	90/180VDC, 10A. 120/240VAC In, NEMA 4X
BC154	NEMA 4X, Standard model - 120V - 1 Hp, 230V - 2 Hp	253G-200E-4X; alt 153D-200E-PB	N/A	90/180VDC, 10A. 120/240VAC In, NEMA 4X; (253 only) NO DECEL adjustment
BC154-P	BC154 with POWER SWITCH instead of START/STOP SW.	253G-200E-4X; alt 153D-200E-PB	N/A	90/180VDC, 10A. 120/240VAC In, NEMA 4X; (253 only) NO DECEL adjustment
BC154-R	BC154 with BC156 - FBR Switch factory installed	125DV200EB-29 (or EW)	2M171 or 1F794	EB = Black; EW = White. Power On/Off & FWD/REV cover switch
BC154-SI	BC145 Signal Isolator Board and BC158 Auto/Man Switch	125DV200EB-55H (or EW)	N/A	EB = Black; EW = White. Power On/Off & Auto/Man cover switch
BC160	NEMA 4X, 120V - 1.5 Hp, 230V - 3 Hp	N/A	N/A	
BC254	NEMA 4X Regen, 120V - 1 Hp, 230V - 2 Hp	N/A	N/A	
BC254-FBR	BC254 with BC253 FWD-BRAKE-REV switch factory installed	N/A	N/A	
BC354	NEMA 4X PWM, 120V - 1 Hp, 230V - 2 Hp	N/A	N/A	
BC204	Chassis, Regen 120V 1 Hp, 230V 2 Hp, Standard Model	N/A	N/A	
BC204-BPSI	BC204 with BC215 Bi-polar Signal Isolator	N/A	N/A	
BC200	Chassis, Regen, 120V 1 Hp, 230V 2 Hp	N/A	N/A	
BC201	Chassis, Regen, 120V 1-1/2 Hp, 230V 3 Hp	N/A	N/A	
BC203	Chassis, Regen 230V 5Hp	N/A	N/A	
BC254	NEMA 4X Regen 120V - 1Hp, 230V - 2Hp Standard Model	N/A	N/A	
BC254-FBR	BC254 with Power On/Off & Start/Stop Switch	N/A	N/A	

[Baldor Website](#)

Baldor DC drives are manufactured by KB Electronics



Dart 153D-PB Series Cross Reference



Fincor / Safronics Cross Reference *(Updated 3/11/20)*

Competitor #	Description	Dart #	Grainger #	Dart Description
2121	120VAC/90VDC, to 1/2 HP	125DV-C	2M510	SCR DC drive to 1.0 HP (chassis)
2122	120/240VAC, 90/180VDC requires aux heat sink	125DV-C / 253B-200C	2M510 / 6Z385	SCR DC drive to 2.0 HP (chassis)
2123	120/240VAC, 90/180VDC	533BC	5JJ59	SCR DC drive to 3.0 HP (chassis)
2131 P1	"panel assembly" - not enclosed	125DV-C	2M510	SCR DC drive to 1.0 HP (chassis)
2131P1E	NEMA 1 enclosed, to 1 HP	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed)
2132P1 E	NEMA 12 enclosed, to 1 HP	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard
2132P2	"panel assembly" - not enclosed	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard; FWD/OFF/REV switch
2131 P2E	NEMA 1 enclosed, to 1 HP Run/Stop/Reverse switch	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard; FWD/OFF/REV switch
2132P2E	NEMA 12 enclosed, to 1 HP	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard; FWD/OFF/REV switch
2200 Series	REGEN drives - Dart does not have a replacement			
2301	120VAC / 90VDC to 1HP	253G-200C	6Z385A	SCR DC drive to 2.0 HP (chassis)
2301 P0	120VAC / 90VDC to 1HP	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard
2301 P1	120VAC / 90VDC to 1HP	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard
2301 P2	120VAC / 90VDC to 1HP "panel assembly" - not enclosed	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard; FWD/OFF/REV switch
2302	240VAC / 180VDC to 2 HP	253G-200C	6Z385A	SCR DC drive to 2.0 HP (chassis)
2302PO	240VAC / 180VDC to 2 HP	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard
2302P1	240VAC / 180VDC to 2 HP	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard
2302P2	240VAC / 180VDC to 2 HP "panel assembly" - not enclosed	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard; FWD/OFF/REV switch



Dart 153D-PB Series Cross Reference



Fincor / Safronics Cross Reference (Updated 3/11/20)				
Competitor #	Description	Dart #	Grainger #	Dart Description
2331	120/240VAC, 90/180VDC to 2 HP	253G-200C	6Z385A	SCR DC drive to 2.0 HP (chassis)
2331 P1	120/240VAC, 90/180VDC to 2 HP NEMA 4/12 w/ Run, Stop, Jog	125DV200EB-29-4	N/A	SCR DC drive to 2.0 HP (NEMA 4X enclosed) w/ Start/Stop, Run/Jog & FWD/REV switches
2331 P2	120/240VAC, 90/180VDC to 2 HP NEMA 4/12 w/ Run, Stop, Jog & Reverse switch	125DV200EB-29-4	N/A	SCR DC drive to 2.0 HP (NEMA 4X enclosed) w/ Start/Stop, Run/Jog & FWD/REV switches
2331 BP1	120/240VAC, 90/180VDC to 2 HP NEMA 4/12 w/ Run, Stop, Jog & DB switch	125DV200EB-29-4 or 530BRE-36/38	N/A	SCR DC drive to 2.0 HP (NEMA 4 enclosed) w/ Start/Stop, Run/Jog & FWD/REV switches (530B has DB)
2331 AP3	120/240VAC, 90/180VDC to 2 HP NEMA 4/12 w/ Run, Stop, Jog & Reverse/DB switch	125DV200EB-29-4 or 530BRE-36/38	N/A	SCR DC drive to 2.0 HP (NEMA 4 enclosed) w/ Start/Stop, Run/Jog & FWD/REV switches (530B has DB)
2331 PO	NEMA 4/12 enclosed to 2 HP, no operator controls	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386A	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard
2331 BPO	NEMA 4/12 enclosed to 2 HP, no operator controls, run/DB contactor	530BRE-36/38	2M511 B	SCR DC drive to 2.0 HP (NEMA 4 enclosed) w/ Start/Stop, FWD/Brake/REV contactor
2331 APO	NEMA 4/12 enclosed to 2 HP, no operator controls, Fwd/DB/Rev contactor	530BRE-36/38	2M511 B	SCR DC drive to 2.0 HP (NEMA 4 enclosed) w/ Start/Stop, FWD/Brake/REV contactor
2335	120/240VAC, 90/180VDC to 2 HP (chassis)	253G-200C	6Z385A	SCR DC drive to 2.0 HP (chassis)
2335 B	120/240VAC, 90/180VDC to 2 HP (chassis w/ DB contactor)	530BRC-36/38	NA	SCR DC drive to 2.0 HP (chassis) w/ Start/Stop, FWD/Brake/REV contactor
2335 A	Chassis to 2 HP, Fwd/DB/Rev contactor	530BRC-36/38	NA	SCR DC drive to 2.0 HP (chassis) w/ Start/Stop, FWD/Brake/REV contactor
2331 B	Chassis to 2 HP, run/DB contactor	530BRC-36/38	NA	SCR DC drive to 2.0 HP (chassis) w/ Start/Stop, FWD/Brake/REV contactor
2331 A	Chassis to 2 HP, Fwd/DB/Rev contactor	530BRC-36/38	NA	SCR DC drive to 2.0 HP (chassis) w/ Start/Stop, FWD/Brake/REV contactor
2332	120/240VAC, 90/180VDC to 2 HP (chassis)	253G-200C	6Z385A	SCR DC drive to 2.0 HP (chassis)
2336	120/240VAC, 90/180VDC to 3 HP (chassis)	533BC	5JJ59	Analong DC drive to 3HP (chassis)



Dart 153D-PB Series Cross Reference



GoldSpec (Applied Industrial Technology) <i>(Updated 3/11/20)</i>				
Competitor #	Description	Dart #	Grainger #	Dart Description
GS10	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; NEMA 4X, to 2 HP	253G-200E-4X or 125DV200EB; alt 153D-200E-PB w/ digital pot	5X485	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; NEMA 4X
GS10-R	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; NEMA 4X with switch reverse, to 2 HP	253G-200E-29-4X or 125DV200EB-29; alt 153D-200E-PB-29 w/ digital pot	2M171	SCR DC drive to 2.0 HP (enclosed) NEMA 4X standard; armature reverse switch
GS23001C	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; Chassis to 1 HP (2 HP w/ aux heat sink)	125DV-C or 253G-200C	2M510 or 6Z385	SCR DC drive to 1.0 HP (chassis) 125/2M510; 2.0 HP with 253G-200C / 6Z385
GS23101C	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; NEMA 1	253G-200E; alt 153D 200E-PB w/ digital pot	6Z386	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; NEMA 4
GS23201C	Single Phase Non-Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; NEMA 1 with reverse switch, to 2 HP	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	SCR DC drive to 2.0 HP (enclosed) NEMA 4 standard; armature reverse switch
GS60U	Single Phase Regenerative DC Drive; Analog; 115/230 Volt AC Input; 90/180 Volt DC Output; Chassis	N/A	N/A	Dart does not offer regenerative drives

GoldSpec DC drives are manufactured by Minarik Electronics



Dart 153D-PB Series Cross Reference



KB Cross Reference (Updated 3/11/20)					
Competitor #	Description	Dart #	Granger #	Dart Description	
KBIC-11	90VDC, 0.75A, 115VAC In, 1/15 HP (CL is optional)	125D-12C; alt 151D-12C	5DYG9	120/240VAC, 90/180Vdc to 1/4 HP, chassis	KB Calls These "OEM Drives"
KBIC-14	90VDC, 2.5A, 115VAC In, 1/6 HP (CL is optional)	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-19	90VDC, 6A, 115VAC In, 1/2 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-118	90VDC, 6A, 115VAC In, 1/2 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-125	90VDC, 8A, 115VAC In, 3/4 HP	253G-200C; alt 153D-200C w/ aux heat sink	6Z385	120/240VAC, 90/180Vdc to 2 HP, chassis	
KBIC-24	180VDC, 2.5A, 230VAC In, 1/3 HP (CL is optional)	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-29	180VDC, 6A, 230VAC In, 1 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-218	180VDC, 6A, 230VAC In, 1 HP	125DV-C; alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-225	180VDC, 8A, 230VAC In, 1.5 HP	253G-200C; alt 153D-200C w/ aux heat sink	6Z385	120/240VAC, 90/180Vdc to 2 HP, chassis	
KBIC-120	90VDC, 6A, Adjustable Accel, 115VAC In, 1/2 HP	125DV-C (May need -2A); alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-125	90VDC, 8A, 115VAC In, 3/4 HP	253G-200C; alt 153D-200C w/ aux heat sink	6Z385	120/240VAC, 90/180Vdc to 2 HP, chassis	
KBIC-225	180VDC, 8A, Adjustable Accel, 230VAC In, 1.5 HP	253G-200C; alt 153D-200C w/ aux heat sink	6Z385	120/240VAC, 90/180Vdc to 2 HP, chassis	
KBIC-240	180VDC, 6A, Adjustable Accel, 230VAC In, 1 HP	125DV-C (May need -2A); alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-240D	90/180VDC, 6A, Adjustable Accel, 115/230VAC In, to 1 HP	125DV-C (May need -2A); alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBIC-240DS	90VDC, 6A, Adjustable Accel, 115/230VAC In to 1/2 HP	125DV-C (May need -2A); alt 153D-200C	2M510	120/240VAC, 90/180Vdc to 1 HP, chassis	
KBCC-125	90VDC, 16A, 115VAC In, 1.5 HP	533BC	5JJ59	120/240VAC, 90/180Vdc to 3 HP, chassis	
KBCC-125R	90VDC, 16A, Braking, 10C/min 115VAC In to 1.5 HP	530BC-36MA or 130HC100	2M511B	90VDC, 10A, Braking, 30C/min, 120VAC In to 1 HP; chassis	
KBCC-225	180VDC, 16A, 230VAC In, 3 HP	533BC	5JJ59	120/240VAC, 90/180Vdc to 3 HP, chassis	
KBCC-225R	180VDC, 16A Braking, 10C/Min 230VAC In to 3 HP	530BC-38MA or 132HC200	N/A	180VDC, 10A, Braking, 30C/min, 240VAC In to 2 HP; chassis	
KBPB-125	90VDC, 8A, Braking, 10C/min 115VAC In to 3/4 HP	130LC100 (May Need HC)	5HA33	90VDC, 5A, Braking, 3C/min, 120VAC In to 1/2 HP; chassis	
KBPB-225	180VDC, 8A Braking, 10C/Min 230VAC In to 1.5 HP	132LC200 (May Need HC)	5HA35	180VDC, 5A, Braking, 3C/min, 240VAC In to 1 HP; chassis	
KBMM-125	90VDC, 8A, Adjustable Accel/Decel, 115VAC In to 3/4 HP	125DV-C (May need -2A, -HS); alt 153D-200C may need aux heat sink	2M510	90/180VDC, 5.5A, 120/240VAC to 1 HP; chassis	
KBMM-225	180VDC, 8A, Adjustable Accel/Decel, 230VAC In to 1.5 HP	125DV-C (May need -2A, -HS); alt 153D-200C may need aux heat sink	2M510	90/180VDC, 5.5A, 120/240VAC to 1 HP; chassis	
KBMM-225D	90/180VDC, 8A, Adjustable Accel/Decel, 115/230VAC In to 1.5 HP	125DV-C (May need -2A, -HS); alt 153D-200C may need aux heat sink	2M510	90/180VDC, 5.5A, 120/240VAC to 1 HP; chassis	
KBMD-240D	90/180VDC, 8A, Adjustable Accel/Decel, 115/230VAC In, NEMA 4X to 1.5 HP	253G-200E-4X; 125DV200EB (black) or 125DV200EW (white); alt 153D-200E-PB w/ digital pot	N/A	90/180VDC, 10A, 120/240VAC In, NEMA 4X to 2 HP	
KBPC-225	90/180VDC, 15A, 115/240VAC In, NEMA 4X to 3 HP	253G-200E-4X; 125DV200EB (black) or 125DV200EW (white); alt 153D-200E-PB w/ digital pot	N/A	90/180VDC, 10A, 120/240VAC In, NEMA 4X to 2 HP; must use 125DV200E Series if Run/Jog needed	
KBPC-240D	90/180VDC, 10.2A, 115/240VAC In, NEMA 4X to 2 HP	253G-200E-4X; 125DV200EB (black) or 125DV200EW (white); alt 153D-200E-PB w/ digital pot	N/A	90/180VDC, 10A, 120/240VAC In, NEMA 4X to 2 HP; must use 125DV200E Series if Run/Jog needed	
KBCC-125	90VDC, 16A, 115AC In to 1.5 HP; chassis	533BC	5JJ59	90/180VDC, 15A, 120/240VAC In to 3 HP; chassis	
KBCC-225	180VDC, 16A, 230VAC In to 3 HP; chassis	533BC	5JJ59	90/180VDC, 15A, 120/240VAC In to 3 HP; chassis	
KBCC-255	5HP 180V	N/A	N/A	N/A	
KBCC-240D	90/180VDC, 10A, 115/240VAC In to 2 HP; chassis	253G-200C; alt 153D-200C w/ aux heat sink	6Z385	90/180VDC, 10A, 115/230VAC In to 2 HP; chassis	
KBWM-120	90VDC, 3.5A, 115VAC In, NEMA 1 to 1/3 HP	15DV-E	5JJ58	90/180VDC, 3A, 120VAC In, NEMA 4/12 to 1/4 HP	
KBWM-240	180VDC, 3.5A, 230VAC In, NEMA 1 to 3/4 HP	15DV-E	5JJ58	90/180VDC, 3A, 120VAC In, NEMA 4/12 to 1/2 HP	



Dart 153D-PB Series Cross Reference



Leeson Cross Reference (Updated 3/11/20)				
Competitor #	Description	Dart #	Grainger #	Dart Description
174102	90/180V 10A, NEMA 4X to 2 HP	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	90/180VDC, 10A, 120/240VAC In, NEMA 4X to 2 HP
174103	90/180V 10A, NEMA 4X to 2 HP with signal follower	253G-200E-55H-4X	N/A	90/180VDC, 10A, 120/240VAC In, NEMA 4X to 2 HP with isolated voltage or 4-20mA current follower input
174107	90/180V 10A, NEMA 4X to 2 HP; armature reverse switch	253G-200E-29-4X; alt 153D-200E-PB-29 w/ digital; pot	N/A	90/180VDC, 10A, 120/240VAC In, NEMA 4X to 2 HP with armature reverse switch
174709	90/180V 10A, NEMA 4X to 3 HP	N/A	N/A	
174307	90/180V 10A, NEMA 1 to 2 HP	253G-200E	6Z386A	90/180VDC, 10A, 120/240VAC In, NEMA 4 to 2 HP
174308	90/180V 10A, NEMA 1 to 2 HP; reverse switch	253G-200E-29; alt 153D-200E-PB-29 w/ digital; pot	2LHT6	90/180VDC, 10A, 120/240VAC In, NEMA 4 to 2 HP with armature reverse switch
174311	90/180V 5A, chassis to 1 HP (use aux heat sink to 2 HP)	125DV-C-2A or 253G-200C**; alt 153D-200C may need aux heat sink	2M510 or 6Z385	90/180VDC, 10A, 120/240VAC In, chassis to 2 HP (253G); 5A to 1 HP (125DV)
175720	90/180V 5A, NEMA 4X to 1 HP; regenerative (to 2 HP w/ aux heat sink)	N/A	N/A	
175721	90/180V 5A, chassis to 1 HP; regenerative (to 2 HP w/ aux heat sink)	N/A	N/A	
M1740005	90/180V 3A, NEMA 1 to 1/4 HP	15DVE	5JJ58	90/180VDC, 3A, 120/240VAC In, NEMA 4 to 1/2 HP
M1740006	90/180V 3A, NEMA 1 to 1/4 HP; reversing armature switch with DB	253G-200E-29; alt 153D-200E-PB-29 w/ digital; pot	2LHT6	90/180VDC, 10A, 120/240VAC In, NEMA 4 to 2 HP with armature reverse switch (no DB)
M1740007	90/180V 2A, chassis to 1/4 HP	125D-12C; alt 151D-12C**	5DYG9	90/180VDC, 2A, 120/240VAC In, chassis to 1/4 HP
M1740008	90/180V 3A, NEMA 1 to 1/4 HP; PWM	N/A	NA	
M1740009	90/180V 2A, chassis to 1/4 HP; PWM	N/A	NA	
175290	12/24VDC in/out 16A chassis PWM	65E20-12 (12V) or 65E20 (24-36V)	5JJ51 (12V) or 5JJ52 (24-36V)	20A chassis PWM
175291	12/24VDC in/out 60A chassis PWM	65E60-12 (12V) or 65E60 (24-36V)	5YC43 (12V) or 5YC44 (24-36V)	60A chassis PWM
175292	36/48VDC in/out 60A chassis PWM	65E60 (36V only)	5YC44 (36V only)	60A chassis PWM up to 36V
174298	12/24VDC in/out 120A chassis regenerative	N/A	N/A	
174299	36/48VDC in/out 120A chassis regenerative	N/A	N/A	
174422	90/180V 5A Dual output SCR drive	N/A	N/A	

Leeson DC drives are manufactured by Minarik Electronics



Dart 153D-PB Series Cross Reference



Minarik Cross Reference (Updated 3/11/20)

Competitor #	Description	Dart #	Grainger #	Dart Description
MM23011C	115/230VAC In, 90/180VDC, 1.5A	125D-12C; alt 151D-12C	5DYG9	120/240VAC In, 90/180VDC, 1.6A
MM23001C	115/230VAC In, 90/180VDC, 5A	125DV-C; alt 153D-200C	2M510	120/240VAC In, 90/180VDC, 5.5A
MM23012D	115/230VAC In, 90/180VDC, 1.5A, Adjustable Accel/Decel w/ torque mode	125D-12C-2A; alt 151D-12C	5DYG9	120/240VAC In, 90/180VDC, 1.6A, Adjustable Accel/Decel
MM23112D	115/230VAC In, 90/180VDC, 1.5A, Adjustable Accel/Decel w/ torque mode, NEMA 1	15DVP	4Z527	120/240VAC In, 90/180VDC, 2.0A, no Current Limit, NEMA 1
MM23212D	115/230VAC In, 90/180VDC, 1.5A, Adjustable Accel/Decel w/ torque mode, NEMA 1, Reversing w/ DB	251G-12E-29; alt 153D-25E-PB-29 w/ digital pot	N/A	120/240VAC In, 90/180VDC, 1.6A, Reversing (no DB), Nema 4/12
MM23412D	115/230VAC In, 90/180VDC, 1.5A, NEMA4X w/ torque mode	251G-12E-4X; alt 153D-25E-PB w/ digital pot	N/A	120/240VAC In, 90/180VDC, 1.6A, NEMA4X
MM23002D	115/230VAC In, 90/180VDC, 5A, Adjustable Accel/Decel w/ torque mode, NEMA 1	125DV-C-2A; alt 153D-200C	2LHT4	120/240VAC In, 90/180VDC, 5.5A, Adjustable Accel/Decel
MM23102D	115/230VAC In, 90/180VDC, 5A, Adjustable Accel/Decel, NEMA 1 w/ torque mode	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180VDC, 10A, Reversing (no DB), NEMA 4/12, no torque mode
MM23202D	115.230VAC In, 90/180VDC, 5A, Adjustable Accel/Decel, NEMA 1, Reversing w/ DB w/ torque mode	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180VDC, 10A, Reversing (no DB), NEMA 4/12, no torque mode
MM23402D	115VAC In, 90VDC, 5A, Adjustable Accel/Decel, NEMA 4X w. torque mode	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	120/240VAC In, 90/180VDC, 10A, NEMA 4X, ACCEL only and no torque mode
M1 (OEM)	115/230VAC In, 90/180VDC, 5A, Adjustable Accel/Decel	125DV-C-2A; alt 153D-200C	2LHT4	120/240VAC In, 90/180VDC, 5.5A, Adjustable Accel/Decel
M2 (OEM)	115VAC In, Dual Output 90VDC, 5A, Adjustable Accel/Decel Microprocessor based	N/A	N/A	
PCM21010A	115VAC In, 90VDC, 2A, Adjustable Accel/Decel, Isolated 0-10VDC Input	125D-12C-55H; alt 153D-25C-55H3	N/A	120/240VAC In, 90/180VDC, 1.6A, Isolated Voltage Follower AND Isolated 4-20mA Follower
PCM21000A	115VAC In, 90VDC, 5A, Adjustable Accel/Decel, Isolated 0-10VDC Input	125DV-C-55H; alt 153D-200C-55H3	N/A	120/240VAC In, 90/180VDC, 5A, Isolated Voltage Follower AND Isolated 4-20mA Follower
PCM22000A	230VAC In, 180VDC, 5A, Adjustable Accel/Decel, Isolated 0-10VDC Input	125DV-C-55H; alt 153D-200C-55H3	N/A	120/240VAC In, 90/180VDC, 5A, Isolated Voltage Follower AND Isolated 4-20mA Follower
PCM23001A	115/230VAC In, 90/180VDC, 10A, Adjustable Accel/Decel, Isolated 0-10VDC/4-20mA Input	253G-200C-55H2	N/A	120/240VAC In, 90/180VDC, 10A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM3111U	115/230VAC In, 90/180VDC, 1.5A, Adjustable Accel/Decel, Isolated 0-10VDC, 4-20mA Input	125D-12C-55H; alt 153D-25C-55H3	N/A	120/240VAC In, 90/180VDC, 1.6A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM301U	115/230VAC In, 90/180VDC, 10A, Adjustable Accel/Decel, Isolated 0-10VDC/4-20mA Input	253G-200C-55H2	N/A	120/240VAC In, 90/180VDC, 10A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM501U	115/230VAC In, 90/180VDC, 25A, Adjustable Accel/Decel, Isolated 0-10VDC/4-20mA Input	533BC-5	N/A	120/240VAC In, 90/180VDC, 15A, Adjustable Accel/Decel, Isolated Current Follower
MM03-115AC-PCM	115VAC In, 90VDC, 1/8HP Max, Adjustable Accel/Decel, Isolated 0-10V/4-20mA Input	125D-12C-55H; alt 153D-25C-55H3	N/A	120/240VAC In, 90/180VDC, 1.6A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM10-115AC-PCM	115VAC In, 90VDC, 5A, Adjustable Accel/Decel, Isolated 0-10VDC/4-20mA Input	125DV-C-55H; alt 153D-200C-55H3	N/A	120/240VAC In, 90/180VDC, 5A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM03-230AC-PCM	230VAC In, 180VDC, 1/8HP Max, Adjustable Accel/Decel, Isolated 0-10V/4-20mA Input	125D-12C-55H; alt 153D-25C-55H3	N/A	120/240VAC In, 90/180VDC, 1.6A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM10-230AC-PCM	230VAC In, 180VDC, 5A, Adjustable Accel/Decel, Isolated 0-10VDC/4-20mA Input	125DV-C-55H; alt 153D-200C-55H3	N/A	120/240VAC In, 90/180VDC, 5A, Isolated Voltage Follower AND Isolated 4-20mA Follower
MM31701B	115VAC In, 90V, 2A, No mounted Speedpot, Pluggable	15DV1A-TS	N/A	120/240VAC In, 90/180V, 2A, No mounted Speedpot
MM31751B	115VAC In, 90V, 2A, Mounted Speedpot, Pluggable	15DV1A	5JJ56	120/240VAC In, 90/180V, 2A, Nmounted Speedpot
MM31700B	115VAC In, 90V, 3A, No Mounted Speedpot, Pluggable	15DV1A-TS	N/A	120/240VAC In, 90/180V, 2A, No mounted Speedpot
MM31750B	115VAC In, 90V, 3A, Mounted Speedpot, Pluggable	15DV1A	5JJ56	120/240VAC In, 90/180V, 2A, Mounted Speedpot
MM21151C	115VAC In, 130V, 2.7A, NEMA 1	15DVP	4Z527	120/240VAC In, 90/180V, 2A, NEMA 1
MM21251C	115VAC In, 130V, 2.7A, NEMA 1, Reversing w/ D.B.	N/A	N/A	
MM23101C	115/230VAC In, 90/180V, 5A, NEMA 1	253G-200E; alt 153D-200E-PB w/ digital pot	6Z386	120/240VAC In, 90/180V, 10A, NEMA 4
MM23201C	115/230VAC In, 90/180V, 5A, NEMA 1, Reversing w/ D.B.	253G-200E-29; alt 153D-200E-PB-29 w/ digital pot	2LHT6	120/240VAC In, 90/180V, 10A, NEMA 4, Reversing
MC10	115/230VAC In, 90/180V, 10A, NEMA 4X	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X
MC10-PCM	115/230VAC In, 90/180V, 10A, NEMA 4X, Isoltaed 0-10VDC	253G-200E-4X-55H2	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X, Isolated Voltage Follower AND Isolated 4-20mA Follower
MC10-R	115/230VAC In, 90/180V, 10A, NEMA 4X, Reversing	253G-200E-4X-29; alt 153D-200E-PB-29 w/ digital pot	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X, Reversing



Dart 153D-PB Series Cross Reference



Minarik Cross Reference (Updated 3/11/20)

Competitor #	Description	Dart #	Grainger #	Dart Description
MM23411C	115/230VAC In, 90/180V, 1.5A, NEMA 4X,	251G-12E-4X; alt 153D-25E-PB w/ digital pot	N/A	120/240VAC In, 90/180V, 1.6A, NEMA 4X
MM23401C	115/230VAC In, 90/180V, 10A, NEMA4X	253G-200E-4X; alt 153D-200E-PB w/ digital pot	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X
PCM23411A	115/230VAC In, 90/180V, 1.5A, NEMA 4X, Isolated 0-10VDC/4-20mA Input	251G-12E-4X-55H2	N/A	120/240VAC In, 90/180V, 1.6A, NEMA 4X, Isolated Voltage Follower AND Isolated 4-20mA Follower
PCM23401A	115/230VAC In, 90/180V, 10A, NEMA 4X, Isolated 0-10VDC/4-20mA Input	253G-200E-4X-55H2	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X, Isolated Voltage Follower AND Isolated 4-20mA Follower
MMXL02-D240AC	120/240VAC In, 130/240V, 2A, PWM	DPW02DVC	N/A	120/240VAC In, 130/240V, 2A, PWM
MMXL05-D240AC	120/240VAC In, 130/240V, 5A, PWM	DPW05DVC	N/A	120/240VAC In, 130/240V, 5A, PWM
MMXL10-D240AC	120/240VAC In, 130/240V, 10A, PWM	DPW10DVC	N/A	120/240VAC In, 130/240V, 10A, PWM
XL3025A	120/240VAC In, 130/240V, 3A, PWM w/ Field Supply	DPW02DVC	N/A	120/240VAC In, 130/240V, 2A, PWM; no Field Supply
XL3050A	120/240VAC In, 130/240V, 5A, PWM w/ Field Supply	DPW05DVC	N/A	120/240VAC In, 130/240V, 5A, PWM; no Field supply
XL3200A	120/240VAC In, 130/240V, 10A, PWM w/ Field Supply (needs HS for 10A)	DPW10DVC	N/A	120/240VAC In, 130/240V, 10A, PWM; no Field supply
XL3300A	120/240VAC In, 130/240V, 5A, PWM w/ Field Supply (needs HS for 10A)	DPW05DVC	N/A	120/240VAC In, 130/240V, 5A, PWM; no Field supply
XP02-115AC	115VAC/DC In, 130V, 2A, PWM	DPW02DVC	N/A	120/240VAC In, 130/240V, 2A, PWM
XP02-115AC-Q	115VAC/DC In, 130V, 2A, PWM, Cage Clamp Terminal	DPW02DVC	N/A	120/240VAC In, 130/240V, 2A, PWM
XP05-115AC	115VAC/DC In, 130V, 5A, PWM	DPW05DVC	N/A	120/240VAC In, 130/240V, 5A, PWM
XP10-115AC	115VAC/DC In, 130V, 10A, PWM	DPW10DVC	N/A	120/240VAC In, 130/240V, 10A, PWM
DC5004Q-36/48	36-48VDC In, 36-48V, 200A, PWM (Battery Vehicle)	N/A	N/A	
DC16-12/24	10-32VDC In, 95% Output, 16A, PWM	65E20C or 65E20E	38EG41 or 38EG43	12-48VDC in/out, 20A, PWM
DC60-12/24	10-32VDC In, 95% Output, 60A, PWM	65E60 (65E60-12)	6YC43 (12V) or 6YC44 (24-36V)	24/36VDC (12VDC) In, 0-SupplyV, 60A, PWM
DC60-36/48	32-50VDC In, 95% Output, 60A, PWM	N/A	N/A	
XP08-60DC	50-70VDC In, 95% Output, 8A, PWM	N/A	N/A	
XP16-36/48DC	32-50VDC In, 95% Output, 16A, PWM	65E20C or 65E20E	38EG41 or 38EG43	12-48VDC in/out, 20A, PWM
XP32-12/24DC	10-32VDC In, 95% Output, 32A, PWM	65E40 (65E40-12)	2LHT9 (12V) or 2LHT8 (24-36V)	24/36VDC(12VDC) In, 0-SupplyV, 40A, PWM
XP60-12/24DC	10-32VDC In, 95% Output, 60A, PWM	65E60 (65E60-12)	6YC43 (12V) or 6YC44 (24-36V)	24/36VDC(12VDC) In, 0-SupplyV, 60A, PWM
LV02-24AC	8-24VAC In, 0-24V, 2A, PWM	N/A	N/A	N/A
LV02-24DC	10-36VDC In, 0-24V, 2A, PWM	65E10C or 65E10E	38EG40 or 38EG42	12-48VDC in/out, 10A, PWM
LV01-24AC	8-24VAC In, 0-24V, 1A, PWM	N/A	N/A	N/A
PCMXP02-115AC	70-130VAC/100-160VDC In, 130V, 2A, PWM, Isolated Input	DPW02DVC	N/A	120/240VAC In, 130/240V, 2A, PWM
PCMXP05-115AC	70-130VAC/100-160VDC In, 130V, 5A, PWM, Isolated Input	DPW05DVC	N/A	120/240VAC In, 130/240V, 5A, PWM
PCMXP10-115AC	70-130VAC/100-160VDC In, 130V, 10A, PWM, Isolated Input	DPW10DVC	N/A	120/240VAC In, 130/240V, 10A, PWM
C1XP01-115AC-A	90-130VAC/100-160VDC In, 130V, 1A, PWM, NEMA 1	DPW02DVC	N/A	120/240VAC In, 130/240V, 2A, PWM
C1XP03-115AC-A	90-130VAC/100-160VDC In, 130V, 3A, PWM, NEMA 1	DPW05DVC	N/A	120/240VAC In, 130/240V, 5A, PWM
C4XL3025	115/230VAC In, 130/240V, 3A, PWM, Field Supply, NEMA 4X	N/A	N/A	N/A
C4XL3200A	115/230VAC In, 130/240V, 10A, PWM, Field Supply, NEMA 4X	N/A	N/A	N/A
LVBL02-24AC/DC	24-36VAC/24-40VDC In, 24-40V, 2A, Brushless	700BDC	N/A	11-40VDC In, 0-Input VDC, 5A, Brushless
LVBL05-24AC/DC	24-36VAC/24-40VDC In, 24-40V, 6A, Brushless	700BDC	N/A	11-40VDC In, 0-Input VDC, 5A, Brushless
MMBOSS05-24DC 1Q	12-40VDC In, 0-90% Input VDC, 5A, Brushless	700BDC	N/A	11-40VDC In, 0-Input VDC, 5A, Brushless
DLC600	115/230VAC In, 90/180VDC, 0-10VDC, Digital Closed Loop	ASP10	N/A	120/240VAC In, Digital Closed Loop
VT8-D230AC	115/230VAC In, Tachometer	DM8000	3VU57	120/240VAC In, Tachometer

Obsolete but may come back - Check Factory

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[Minarik Website](#)



Dart 153D-PB Series Cross Reference



Seco (Bronco II) Cross Reference <i>(Updated 3/11/20)</i>				
Competitor #	Description	Dart #	Grainger #	Dart Description
160	115/230VAC In, 90/180V, 10A, NEMA 4/12, Start/Stop and Run/Jog switches	253G-200E or 125DV200EB-29-4 ; alt 153D-200E-PB or 153D-200E-PB-29 w/ digital pot	6Z386A or 5X485	120/240VAC In, 90/180V, 10A, NEMA 4 (no Jog Switch 253G/5X485); Armature Reverse and Run/Jog switches (125DV200E)
161S	115/230VAC In, 90/180V, 10A, chassis	253G-200C	6Z385A	120/240VAC In, 90/180V, 10A, chassis
162	115/230VAC In, 90/180V, 10A, NEMA 4/12, no operator controls in cover	253G-200E ; alt 153D-200E-PB w/ digital pot	6Z386A	120/240VAC In, 90/180V, 10A, NEMA 4
163	115/230VAC In, 90/180V, 10A, NEMA 4/12, Start/Stop, FWD/REV and Run/Jog switches	125DV200EB-29-4	N/A	120/240VAC In, 90/180V, 10A, NEMA 4X; Armature Reverse and Run/Jog switches
165	115/230VAC In, 90/180V, 10A, NEMA 4/12, Start/Stop, FWD/REV switches with Torque Control pot in cover	253G-200E-34A	N/A	120/240VAC In, 90/180V, 10A, NEMA 4 with Torque Control pot in cover; order -29B as remote FWD/REV switch
169	115/230VAC In, 90/180V, 10A, NEMA 4/12, Start/Stop, Auto/Manual switch for isolated voltage / current follower input	253G-200E-55H2	N/A	120/240VAC In, 90/180V, 10A, NEMA 4 with Auto/Off/Manual switch and isolated voltage / current follower input
168	Sames as Model 169 except pot in cover is offset from '0' to signal input	253G-200E-55H2	N/A	120/240VAC In, 90/180V, 10A, NEMA 4 with Auto/Off/Manual switch and isolated voltage / current follower input - Speed Pot in cover is motor speed in Manual mode, NOT offset to signal input