




### DC Drives Selection Chart

Single Phase DC	Three Phase DC	
BC	Series 19H Non-Regen	Series 20H Regen
		
<b>Main Attributes</b>		
29 models to choose from with extensive list of available options to fit greatest range of applications	Digital DC Drive with standard armature voltage feedback or built in encoder feedback capability. Many options available include high resolution analog input and digital output boards.	
<b>Hp Range</b>		
1/100 thru 5	5 thru 300	
<b>Voltage Range</b>		
115/230 1-phase	230/460 3-phase	
<b>Enclosure Selection</b>		
Chassis, NEMA 1, NEMA 4X	Chassis	
<b>Speed Control</b>		
Armature voltage or Tach	Armature voltage or Encoder feedback, standard	
<b>Speed Regulation</b>		
1% of base speed, 1% of set speed with tach feedback	1% of base speed, 0.1% of set speed with encoder feedback	
<b>Speed Range</b>		
20:1 or 50:1	100:1 based on top speed and feedback type	
<b>Communications Options</b>		
None	RS-232 Serial, RS-422/485, Device Net, Modbus Plus, Profibus DP.	
<b>Operator Interface</b>		
Local analog controls on enclosed models; analog and discrete remote control.	Local keypad / display. 2 lines X 16 characters backlit LCD. 12 key membrane w/tactile response.	
<b>Differentiating Feature</b>		
HP range available from 1/100 through 5.	High peak overload rating up to 300%. 15 preset speeds. 9 assignable digital inputs.	

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes