

Product Technical Note

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**Cable Comparison of B3BCE-xx(A)  
with B3BCE-xx(B)-E  
for  
SGMGH-20A, SGMGH-30A, SGMGH-44A,  
SGMSH-30A, SGMSH-40A, SGMSH-50A**

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Applicable Product: B3BCE-xx(A), B3BCE-xx(B)-E

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## ABSTRACT:

This document contains pertinent differences between the B3BCE-xx(A) and B3BCE-xx(B)-E cables (where xx = 03, 05, 10, 15, 20).

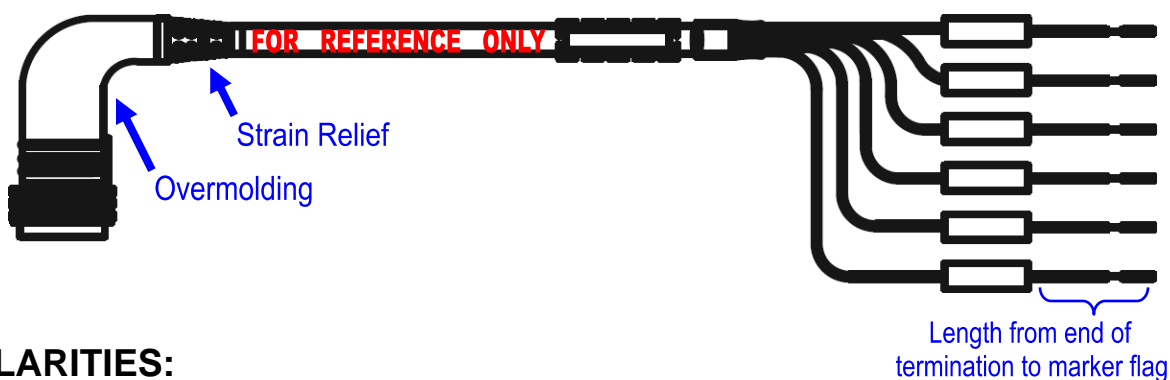
## DIFFERENCES:

Cable Part Number	B3BCE-xx(A)	B3BCE-xx(B)-E
Outer Diameter	19.1 mm	22.3 mm
Bend Radius	10x Outer Diameter (191 mm)	10x Outer Diameter (223 mm)
Strain Relief <sup>1</sup>	Sized to accommodate 19.1 mm	Sized to accommodate 22.3 mm
Shield	Foil + Spiral	Braided (85% coverage)
RoHS Compliance	Non-RoHS	RoHS
Conductor Color	8AWG: 3x Black, 1x Green 16AWG: 2x Black	8AWG: Red, Wht, Blk, Grn. 16AWG: Org, Blu
Length from termination to marker flag <sup>2</sup>	16.2 mm	40.0 mm
Connector (Part Number)	CE05-6A24-10SD-B	CE05-6A24-10SD-D
Outer Jacket Material	Lapp Olflex PVC	James Monroe PVC
Raw Cable (Part Number)	(Custom) Lapp Olflex 811776	(Custom) James Monroe JM55904

Notes:

\*1: "Strain Relief" is shown in the reference drawing below.

\*2: "Length from end of termination to marker flag" is shown in the reference drawing below.



## SIMILARITIES:

Outer Jacket Color	Black
Overmolding	L-Type Molded Backshell 95 Durometer PVC. Dimensions are the same.
Applicable Motors	All brake motors of models: SGMGH-20A*, SGMGH-30A*, SGMGH-44A*, SGMSH-30A*, SGMSH-40A*, SGMSH-50A*

Note: The similarities are not limited to the items listed in the table above.