

Industrial Coil, Inc.
Armature Coils Data Sheet



Customer: _____
Customer Ref. # _____
Customer PO#: _____

IC Quote #: _____
IC RO #: _____

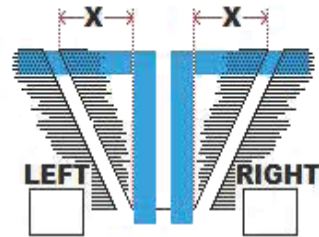
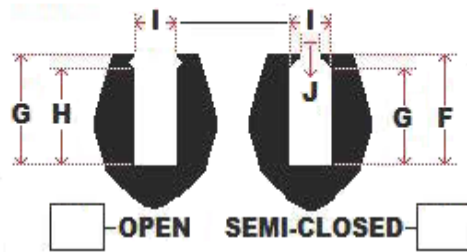
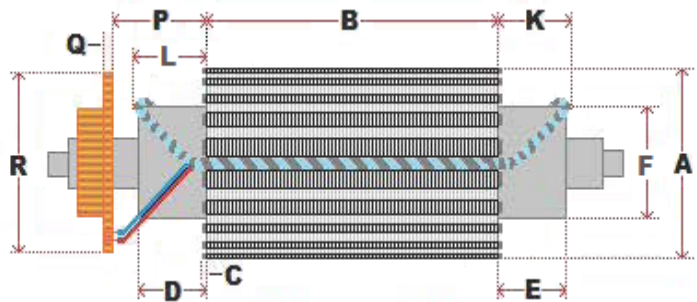
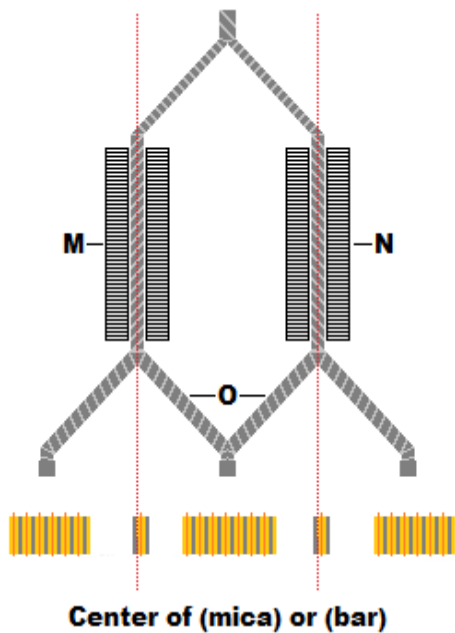
Nameplate

Manufacturer: _____ Amperage: _____
HP/KW: _____
Speed (RPM): _____ **SLOT LINER:** _____
Voltage: _____ **Slot Liner Size:** _____

Frame: _____
Model: _____
Type: _____
SN: _____

Coil Data		Wire Sizes (in single coil)	
No. of Slots: _____	Turns: _____	x _____ & _____ x _____	
No. of Bars: _____	Wires Parallel: _____	x _____ & _____ x _____	
No. of Equalizers: _____	Wires in Hand: _____	x _____ & _____ x _____	
Equalizer Span 1 to: _____	Coil Span 1 to: _____	x _____ & _____ x _____	
Leads Tinned: _____	Dual Span 1 to: _____	Coils are bent on: Edge	
Leads Swedged: _____	Strand Insulation: _____	Equalizer wire: _____ x _____	

Core Measurements		Commutator Data	
A. Arm. Core Diameter: _____	G. Total Slot Depth: _____	P. Lam. to back of Comm: _____	
B. Lamination Length: _____	H. Depth Under Wedge: _____	Q. Width of Riser: _____	
C. Fingerplate Width: _____	I. Slot Width (thousandths): _____	R. Riser diameter: _____	
D. Coil Pad Ext. Comm End: _____	J. Width of Opening: _____		
E. Coil Pad Ext. Wind. End: _____			
F. Coil Pad Diameter: _____			
X. Inches of Skew: _____	K. Winding End Ext: _____	M. TOP / BOTTOM Slot Length = _____	
Direction of Skew: _____	L. Connection End Ext: _____	N. TOP / BOTTOM Slot Length = _____	
	(If multi-turn coil)	O. Wave or Lap Wound: _____	



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Wire Sizes:	
_____	X _____
_____	X _____
_____	X _____
_____	X _____
_____	X _____

Bar Lengths:	A.	B.	C.	D.
_____	_____	_____	_____	_____

Swedged to:	_____
Leads stripped back:	_____

Sleeving for Noses:	C-3 # _____	@ _____	" Under
	C-3 # _____	@ _____	" Over
	C-3 # _____	@ _____	" Over
Sleeving for Leads:	# _____	@ _____	" Tops
Grade A or C-3?	# _____	@ _____	" Bottoms

Bar Bender Setup:

1-Turn Coil: Stop set @: _____ Pin Size: _____

2-Turn Coil: 1st bend: _____ 2nd bend: _____ 3rd bend: _____
Pin Size: _____ Bend UP or DOWN? _____

Spreader Data:

Spreader Used: _____

Leads to the: Left or Right _____

Slot blocks used: Yes or No _____

Nose blocks used: Yes or No _____

Spread width: _____

Front Angle: _____

Back Angle: _____

Nose Height: _____

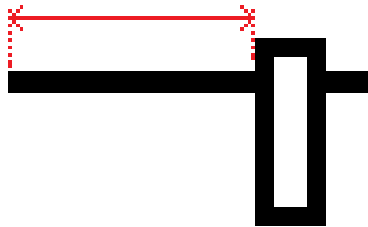
Swing: _____

Pinch: _____

Skew: Left or Right _____

Skew Amount: _____

Slot length:	B.L.: _____	B.R.: _____
	F.L.: _____	F.R.: _____



Measurements in Spreader:

Top to Top: _____

Bottom to Bottom: _____

Nose to Nose: _____

Checked Spreader: _____ & _____

Insulation Setup:

Notes:

Equalizer Data:

