



E-STOP CONNECTIONS ARE SHOWN IN RED
OPTIONAL CONNECTIONS ARE SHOWN IN BLUE
GROUND CONNECTIONS ARE SHOWN IN GREEN
110VAC CONNECTIONS ARE SHOWN IN VIOLET
3 PHASE CONNECTIONS ARE SHOWN IN ORANGE
24VDC CONNECTIONS ARE SHOWN IN BROWN

WIRE CURRENT CAPACITY

WIRE TYPE	WIRE SIZE	CURRENT CAPACITY
18 AWG - UP TO	8A	
16 AWG - UP TO	15A	
14 AWG - UP TO	20A	
12 AWG - UP TO	25A	
10 AWG - UP TO	30A	
8 AWG - UP TO	40A	
6 AWG - UP TO	60A	

NOTE: FUSE RATING DEPENDS ON SPINDLE HP

WIRE RATING LOCATION CIRCUIT

WIRE	WIRE TYPE	WIRE SIZE	WIRE COLOR	WIRE RATING
F1	18 AWG	B1	INCOMING SINGLE PHASE	
F2	10 AWG	B1	INCOMING 3 PHASE	
F3	10 AWG	B1	INCOMING 3 PHASE	
F4	10 AWG	B1	INCOMING 3 PHASE	
F5	10 AWG	B1	INCOMING 3 PHASE	

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Title: Lathe, 220/110VAC, ALLIN1DC, 83VAC
Stepdown Transformer, Inverter (VFD)

Size: D Number: Rev: 2

Date: 160418 Drawn by: SPM

Filename: S14758.DWG Sheet: 1 of 1