20G21RD8P0JA0NNNNN

Allen-Bradley PowerFlex 755TS VSD 480V IP20 ND 8A 5HP or HD 5A 3HP Frame 1

LARGE DRIVES

NHP Allen-Bradley



Component type	Frequency converter =< 1 kV
Range	PowerFlex 755T
Model	N/A
Product status	Existing

The Allen-Bradley PowerFlex 755T range of variable speed drives are an extension to the PowerFlex 750 drive portfolio providing solutions for harmonic mitigation and regeneration applications. Fitted with TotalFORCE technology they deliver high performance motor control, adaptive control of torque, velocity, position and predictive analytics on the drives health.

ELECTRICAL	Number of phases input	3
	Nominal input voltage	480 V
	Nominal output power AC	3.7 kW
	Nominal output current I2N	8 A
	kW rating, normal duty	3.7 kW
	kW rating, heavy duty	2.2 kW
	Dynamic braking transistor	Yes
	Control characteristic	PID
	EMC-version	Yes
COMMUNICATION	Integrated motion function	No
CONSTRUCTION	Suitable for safety functions	Yes
	Contains keypad	Yes
	Frame size	1
	IP rating	IP20
	Degree of protection (NEMA)	1
DIMENSIONS	Height	400 mm
	Width	190 mm
	Depth	211.1 mm
	Weight	6 kg
ENVIRONMENT	Operating temperature	-20…60 °C
	Storage temperature	-40…70 °C

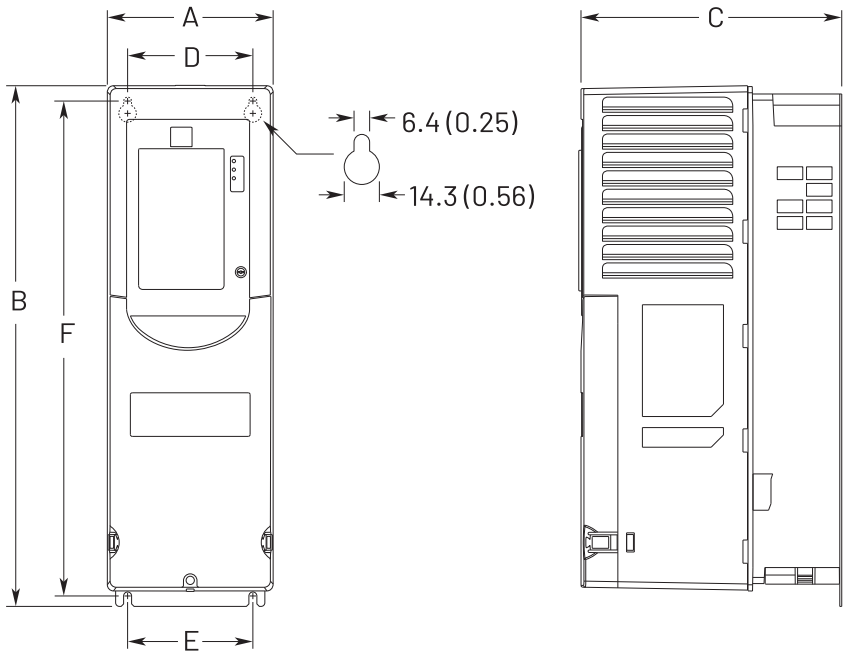
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DIMENSIONAL DIAGRAM



Dimensions are in millimeters and (inches).
Weights are in kilograms and (pounds).

Frame	A	B	C	D	E	F	Weight, kg (lb)
1	110.0 (4.33)	400.5 (15.77)	211.0 (8.31)	68.0 (2.68)	82.0 (3.23)	390.4 (15.37)	6.0 (12.75)
2	134.5 (5.30)	424.2 (16.70)	212.0 (8.35)	100.0 (3.94)	100.0 (3.94)	404.2 (15.91)	7.8 (17.2)
3	190.0 (7.48)	454.0 (17.87)	212.0 (8.35)	158.0 (6.22)	158.0 (6.22)	435.0 (17.13)	11.8 (26.1)
4	222.0 (8.74)	474.0 (18.66)	212.0 (8.35)	194.0 (7.64)	202.0 (7.95)	455.0 (17.91)	13.6 (30.0)
5	270.0 (10.63)	550.0 (21.65)	212.0 (8.35)	238.0 (9.37)	238.0 (9.37)	531.0 (20.91)	20.4 (45.0)

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