20G21GC085JA0NNNNN

Allen-Bradley PowerFlex 755TS VSD 400V IP54 ND 85A 45kW or HD 72A 37kW Frame 5

LARGE DRIVES



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	400 V
	Nominal output power AC	45 kW
	Nominal output current I2N	85 A
	kW rating, normal duty	45 kW
	kW rating, heavy duty	37 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	5
	IP rating	IP54
	Degree of protection (NEMA)	12
DIMENSIONS	Height	647 mm
	Width	348 mm
	Depth	220.1 mm
	Weight	21 kg
ENVIRONMENT	Operating temperature	-20…60 °C
	Storage temperature	-40…70 °C

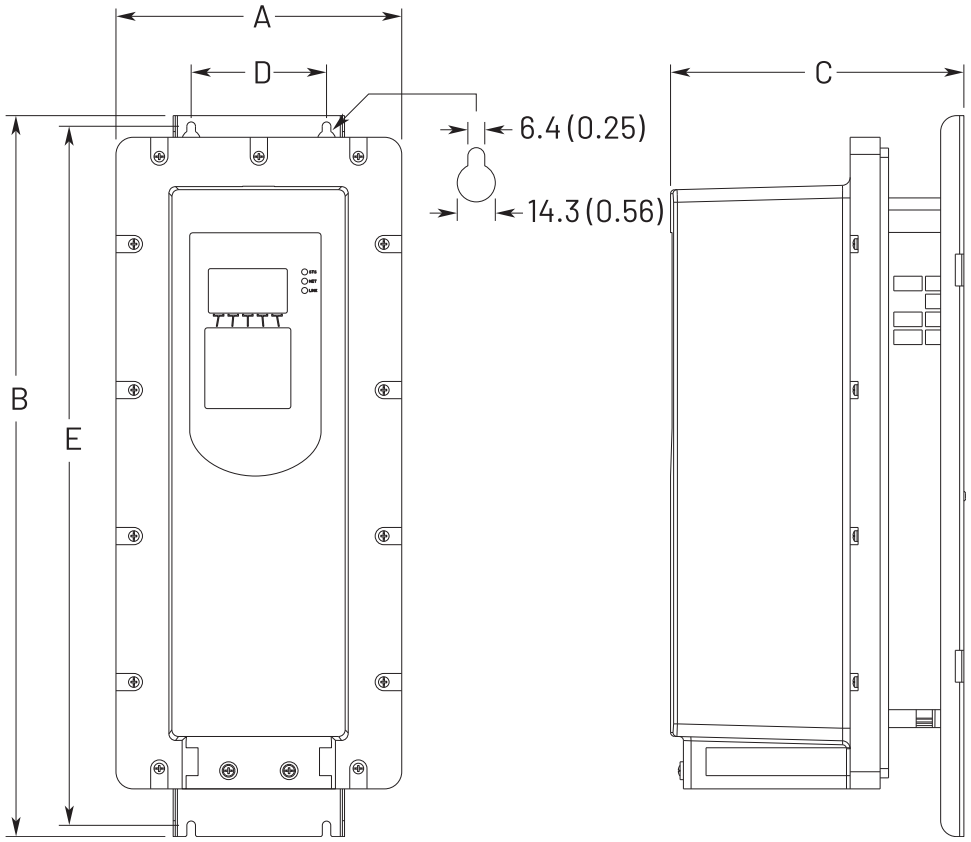
Published on 13 August 2026

20G21GC085JA0NNNNN

Allen-Bradley PowerFlex 755TS VSD 400V IP54 ND 85A 45kW or HD 72A 37kW Frame 5

LARGE DRIVES

DIMENSIONAL DIAGRAM



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

Frame	A	B	C	D	E	Weight, kg (lb)
2	215.3 (8.48)	543.2 (21.39)	222.2 (8.75)	100.0 (3.94)	528.2 (20.80)	7.8 (17.2)
3	268.0 (10.55)	551.0 (21.69)	220.1 (8.67)	158.0 (6.22)	533.0 (20.98)	11.8 (26.1)
4	300.0 (11.81)	571.0 (22.48)	220.1 (8.67)	194.0 (7.64)	553.0 (21.77)	13.6 (30.0)
5	348.0 (13.70)	647.0 (25.47)	220.1 (8.67)	238.0 (9.37)	629.0 (24.76)	20.4 (45.0)

Published on 13 August 2026