20F1ANF050JA0NNNNN

Allen-Bradley PowerFlex 753 VSD 690V IP20 50A 45kW ND or 46A 37kW HD Frame 6

LARGE DRIVES

NHP Allen-Bradley



Component type	Frequency converter =< 1 kV
Range	PowerFlex 753
Model	N/A
Product status	Existing

The Allen-Bradley 753 AC Drives are a cost-effective and simple solution for general-purpose applications. Ideal for machine builders and system integrators wanting to minimise engineering costs while increasing productivity. Features built-in I/O as standard and available with a wide range of card options.

ELECTRICAL	Number of phases input	3
	Nominal input voltage	690 V
	Nominal output power AC	45 kW
	Nominal output current I2N	50 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	No
	Frame size	6
	IP rating	IP20
	Degree of protection (NEMA)	Other
DIMENSIONS	Height	665.5 mm
	Width	308 mm
	Depth	346.4 mm
	Weight	48 kg
ENVIRONMENT	Operating temperature	-20…60 °C
	Storage temperature	-40…70 °C

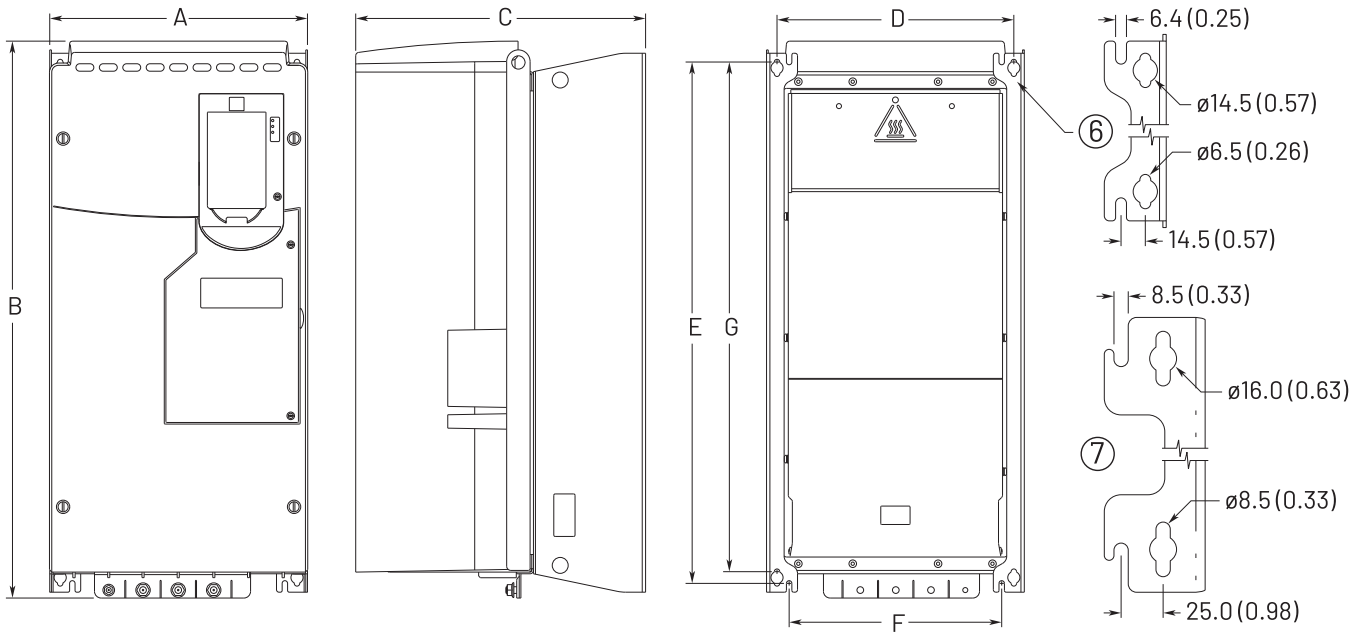
Published on 18 August 2026

20F1ANF050JA0NNNNN

Allen-Bradley PowerFlex 753 VSD 690V IP20 50A 45kW ND or 46A 37kW HD Frame 6

LARGE DRIVES

DIMENSIONAL DIAGRAM



Dimensions are in millimeters and (inches).

Frame	A	B	C	D	E	F	G	Weight kg (lb)
6	308.0 (12.13)	665.5 (26.20)	346.4 (13.64)	283.0 (11.14)	623.0 (24.53)	254.0 (10.00)	609.0 (23.98)	38.6 (85.0)
7	430.0 (16.93)	881.5 (34.70)	349.6 (13.76)	380.0 (14.96)	838.0 (32.99)	330.0 (12.99)	825.0 (32.48)	72.6...108.9 (160.0...240.0)

Published on 18 August 2026