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Allen-Bradley PowerFlex 753 VSD 400V IP20 5.0A 2.2kW ND or 3.5A 1.5kW HD Frame 1

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	415 V
	Nominal output power AC	2.2 kW
	Nominal output current I2N	5 A
	kW rating, normal duty	2.2 kW
	kW rating, heavy duty	1.5 kW
	Dynamic braking transistor	Yes
	Control characteristic	PID
	EMC-version	Yes
CONSTRUCTION	**Suitable for safety functions**	Yes
	Contains keypad	No
	Frame size	1
	IP rating	IP20

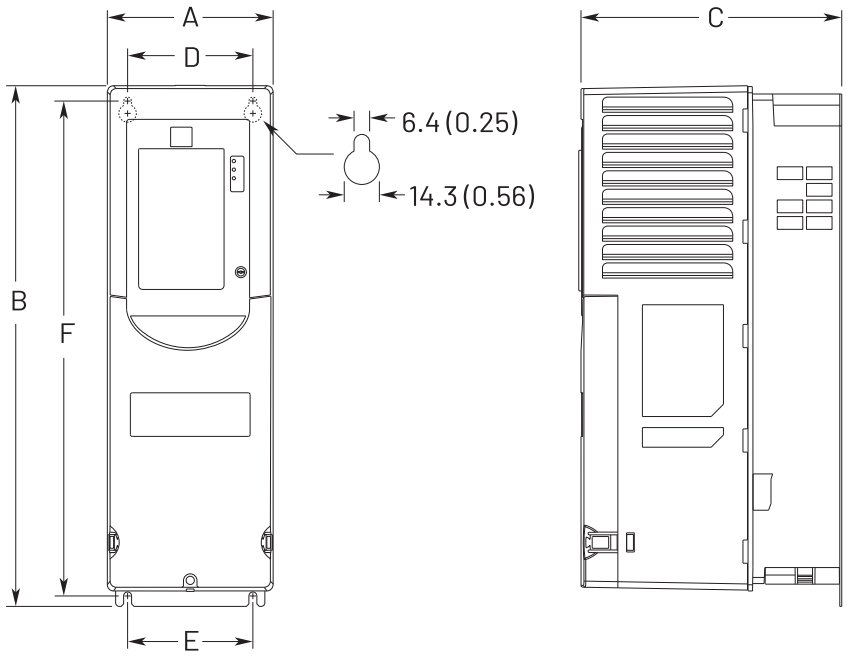
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DIMENSIONAL DIAGRAM



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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RELATED PRODUCTS

ACCESSORY



Item No: 1202C03
Required: No
Description: Allen-Bradley PowerFlex Scanprint Cable Male Male 300mm



Item No: 1202C10
Required: No
Description: Allen-Bradley PowerFlex Scanprint Cable Male Male 1m



Item No: 1202C90
Required: No
Description: Allen-Bradley PowerFlex PF 7 750 9m Extention Cable to suit 20 HIM C6S



Item No: 1202H03
Required: No
Description: Allen-Bradley PowerFlex Scanprint Cable Male Female 300mm



Item No: 1202H10
Required: No
Description: Allen-Bradley PowerFlex Scanprint Cable Male Female 1m



Item No: 1202H30
Required: No
Description: Allen-Bradley PowerFlex Scanprint Cable Male Female 3m



Item No: 1202H90
Required: No
Description: Allen-Bradley SMC-Flex 9M Extension Cable To Suit 20-HIM-C3S



Item No: 1203S03
Required: No
Description: Allen-Bradley PowerFlex and SMC Scanprint Splitter Cable Type



Item No: 1203USB
Required: No
Description: Allen-Bradley PowerFlex and SMC USB Interface for CCW Support PF Drives and SMC Soft Starters



Item No: 1204TFB2
Required: No
Description: Allen-Bradley PowerFlex Reflective Wave Reduction Drive Motor Terminator



Item No: 13213R4B
Required: No
Description: Allen-Bradley 1321 Line Reactor 400 480V 3Phase IP20 4A 6.5mH



Item No: 13213R8C
Required: No
Description: Allen-Bradley 1321 Line Reactor 400 480V 3Phase IP20 8A 5mH



Item No: 13213R8D
Required: No
Description: Allen-Bradley 1321 Line Reactor 3Phase Open IP00 8A 7.5mH



Item No: 1769SM1
Required: No
Description: Allen-Bradley CompactLogix 1769 DPI Scanport Module



Item No: 1786TPS
Required: No
Description: Allen-Bradley ControlNet Media RG6 Coaxial Straight T-tap



Item No: 207501132C2R
Required: No
Description: Allen-Bradley PowerFlex 750 VSD 24V DC 11 Series IO Module 1AI 1AO 3DI and 2RO



Item No: 2075020COMM
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Comm Carrier



Item No: 207502262C2R
Required: No
Description: Allen-Bradley PowerFlex 750 VSD 24V DC 22 Series IO Module 2AI 2AO 6DI and 2RO

RELATED PRODUCTS

ACCESSORY

Item No: 207502262D2R
Required: No
Description: Allen-Bradley PowerFlex 750 VSD 115V AC IO Card



Item No: 207502263C1R2T
Required: No
Description: Allen-Bradley PowerFlex 750 VSD 24V DC 22 Series IO Module 2AI 2AO 6DI 1RO and 2TO

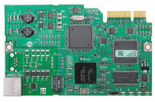
Item No: 20750APS
Required: No
Description: Allen-Bradley PowerFlex 750 VSD 24V DC Auxiliary Power Supply Module



Item No: 20750ATEX
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Thermistor Input Module Req 11 Series IO Module



Item No: 20750BNETIP
Required: No
Description: Allen-Bradley PowerFlex 750 VSD BACnet IP Communication Module



Item No: 20750CNETC
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Coaxial ControlNet Communication Module



Item No: 20750DENC1
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Dual Incremental Encoder Module



Item No: 20750DNET
Required: No
Description: Allen-Bradley PowerFlex 750 VSD DeviceNet Communication Module



Item No: 20750EMC1F1
Required: No
Description: Allen-Bradley PowerFlex 750 VSD EMC Plate with Core Frame 1

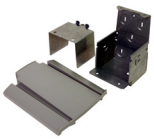
Item No: 20750ENC1
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Incremental Encoder Module



Item No: 20750ENETR
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Dual Port EtherNet IP Communication Module



Item No: 20750NEMA1F1
Required: No
Description: Allen-Bradley PowerFlex 750 VSD IP30 Conversion Kit Frame 1



Item No: 20750PBUS
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Profibus DPV1 Communication Module



Item No: 20750PNET
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Single Port Profinet IO Communication Module



Item No: 20750PNET2P
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Dual Port Profinet IO Communication Module



Item No: 20750S
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Safe Torque Off Module



Item No: 20750S1
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Safe Speed Monitor Module



Item No: 20750UFB1
Required: No
Description: Allen-Bradley PowerFlex 750 VSD Universal Feedback Encoder Module

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RELATED PRODUCTS

ACCESSORY



Item No: 20COMMC
Required: No
Description: Allen-Bradley PowerFlex VSD Coaxial ControlNet Communication Module



Item No: 20COMMD
Required: No
Description: Allen-Bradley PowerFlex VSD DeviceNet Communication Module



Item No: 20COMME
Required: No
Description: Allen-Bradley PowerFlex VSD Single Port EtherNet IP Communication Module



Item No: 20COMMH
Required: No
Description: Allen-Bradley PowerFlex VSD RS485 HVAC to DPI Communication Adaptor



Item No: 20COMMM
Required: No
Description: Allen-Bradley PowerFlex VSD Modbus TCP Communication Module



Item No: 20HIMA0
Required: No
Description: Allen-Bradley PowerFlex VSD Mount Blank Plate



Item No: 20HIMA6
Required: No
Description: Allen-Bradley PowerFlex VSD Mount LCD Display and Programmer



Item No: 20HIMB1
Required: No
Description: Allen-Bradley PowerFlex VSD Progammer Panel Mount Bezal Kit



Item No: 20HIMC6S
Required: No
Description: Allen-Bradley PowerFlex VSD Remote Panel Mount IP66 LCD Display and Programmer including 3m Cable



Item No: 20HIMH10
Required: No
Description: Allen-Bradley PowerFlex VSD Remote Programmer Cable 1m



Item No: 20XCOMMACPS1
Required: No
Description: Allen-Bradley PowerFlex VSD External DPI Comm AC Power Supply



Item No: 20XCOMMDCBASE
Required: No
Description: Allen-Bradley PowerFlex VSD External Comm Kit DC Base

Item No: 20XCOMMIOOPT1
Required: No
Description: Allen-Bradley PowerFlex VSD External DPI Comm IO Option 1