

PRODUCT-DETAILS

# ACS880-17-0169A-3

ACS880-17-0169A-3 PN: 90 kW, IN: 169 A



## General Information

Global Commercial Alias	ACS880-17-0169A-3
Product ID	3AXD50000157990
ABB Type Designation	ACS880-17-0169A-3
Catalog Description	ACS880-17-0169A-3 PN: 90 kW, IN: 169 A

## Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-17-0169A-3 PN: 90 kW, IN: 169 A
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

## Dimensions

Product Net Weight	320 kg 705 lb
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Product Net Depth / Length	673 mm 26.50 in
Product Net Height	2145 mm 84.45 in
Product Net Width	430 mm 16.93 in
Package Level 1 Depth / Length	1100 mm 43.31 in
Package Level 1 Height	2385 mm 93.90 in
Package Level 1 Width	1144 mm 45.04 in

## Technical

Number of Phases	3
Degree of Protection	IP22
Enclosure Type NEMA	Type1
Altitude	1000 m 5 ... 95
Power Factor	1
Sound dB (A)	70 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 2pcs, 3V, 220mAh, 6g
Frequency (f)	48 ... 63 Hz
Frame Size	R8
Input Voltage ( $U_{in}$ )	380 ... 415 V
Communication Protocol	CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIsafe PROFIBUS PROFINET IO TCP/IP
Number of Hardware Interfaces	Industrial Ethernet 0 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1
Includes	Control unit PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	7 / 5
Output Current, Heavy-Duty Use ( $I_{HD}$ )	145 A
Output Current, Light-Overload Use ( $I_{LD}$ )	161 A
Output Current, Normal Use ( $I_n$ )	169 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	75 kW

Output Power, Light-Overload Use ( $P_{LD}$ )	90 kW
Output Power, Normal Use ( $P_n$ )	90 kW
Apparent Power Output	117 kV·A
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current
0/25 %
0/50 %
0/100 %
50/25 %
50/50 %
50/100 %
90/50 %
90/100 %

Temperature Rating	Maximum 40 °C Minimum 0 °C
Ecodesign Exemption	Energy efficiency data is not provided for the drive. The regenerative drives are exempt from the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.c).

Additional Information

Product Main Type	ACS880-17
Product Name	Frequency converter

Classifications

UNSPSC	39122001
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Environmental

SCIP	82D82DAE-9725-4373-865D-AA949B97DE50 Finland (FI)
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Industrial Drives → ACS880 single drives → ACS880-17 - Cabinet-built regenerative single drive

