GRUNDFOS

Submittal Data

PROJECT:		UNIT TAG:		QUANTITY:	
		TYPE OF SERVICE:			
REPRESENTATIVE:		SUBMITTED BY:		DATE:	
ENGINEER:		APPROVED BY:		DATE:	
CONTRACTOR:		ORDER NO.:		DATE:	

CUE 3X380-500V IP55 18.5KW 37.

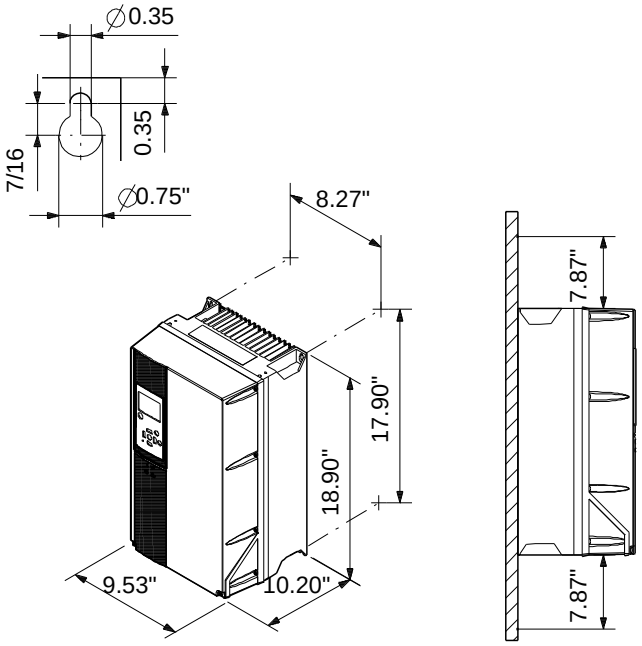
CUE

Product photo could vary from the actual product

Conditions of Service	
Flow:	
Head:	
Efficiency:	
Liquid:	
Temperature:	
NPSH required:	
Viscosity:	
Specific Gravity:	

Pump Data	
Maximum ambient temperature:	113 °F
Approvals:	CE, CULUS, C-TICK
Product number:	On request

Motor Data	
Rated voltage:	380 - 440 / 441 - 500 V
Main frequency:	50 / 60 Hz
Enclosure class:	IP55
Motor protection:	YES
Thermal protection:	external


∅0.35
0.35
7/16
∅0.75"
8.27"
17.90"
18.90"
9.53"
10.20"
7.87"
7.87"

Company name:
Created by:
Phone:

Date: 5/27/2020

Count	Description
1	**CUE 3X380-500V IP55 18.5KW 37.**

Product photo could vary from the actual product

Product No.: On request

CUE is a complete range of external frequency converters designed for speed control of a wide range of Grundfos pumps. CUE has a built-in PI controller and offers the same functionality and user-interface as Grundfos E-pumps. CUE solutions can thus be seen as an extension to the E-pump range.

By choosing a CUE-solution, you will get the following benefits:

- Grundfos E-pump functionality and user-interface
- application- and pump-family-related functions
- increased comfort compared to fixed-speed pumps
- very easy installation and commissioning compared to standard frequency converters
- speed control of pumps up to 250 kW
- speed control of pumps installed in potentially explosive environments.

CUE offers the following inputs and output:

- RS-485 GENIbus
- an analog 0-10 V input for external setpoint
- an analog 0/4-20 mA input for sensor
- four digital inputs for various functions, for instance external start/stop
- two signal relays (C/NO/NC).

Accessories:

Input/output add-on board

Provides additional input:

- one 0/4-20 mA analog input for an additional sensor
- one 0-20 mA analog output
- two inputs for Pt100/Pt1000 temperature sensors, for instance for bearing monitoring.

Motor filters:

For reduction of dU/dt and peak voltages to the motor windings and for reduction of the acoustic noise generated in the motor, a number of motor filters are offered:

- dU/dt filters , 11-250 kW
- Sine wave filters, 0.55-250 kW.

GRUNDFOS

Company name:
Created by:
Phone:

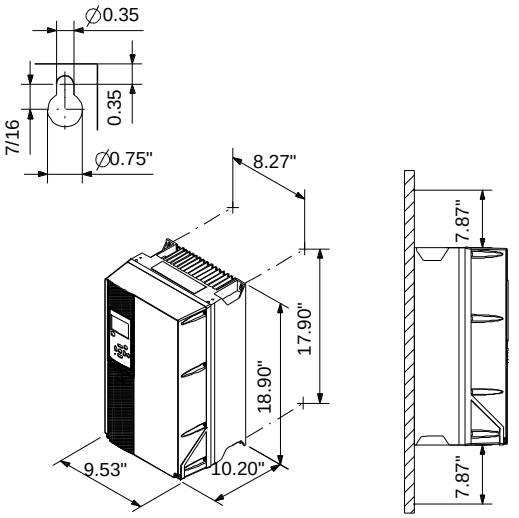
Date: 5/27/2020

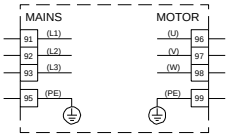
Count	Description	
	Technical:	
	Approvals on nameplate:	CE, CULUS, C-TICK
	Installation:	
	Range of ambient temperature:	32 .. 113 °F
	Relative humidity:	5-95 %
	Electrical data:	
	Rated power - P2:	25 HP
	Main frequency:	50 / 60 Hz
	Rated voltage:	3 x 380 - 440 / 441 - 500 V
	Rated current:	37.5-34 A
	Maximum current consumption:	37.5 A
	Efficiency at full load:	98 %
	Enclosure class (IEC 34-5):	IP55
	Others:	
	Net weight:	50.7 lb
	Finnish LVI No.:	9414011
	Country of origin:	DK
	Custom tariff no.:	8504.40.4000

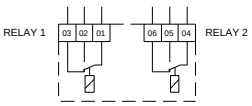
Company name:
Created by:
Phone:

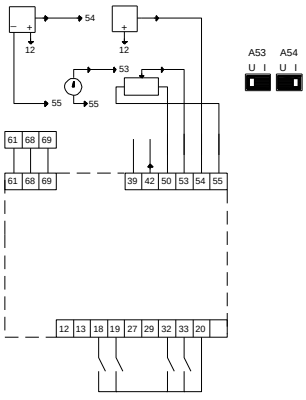
Date: 5/27/2020

Description	Value
General information:	
Product name:	CUE 3X380-500V IP55 18.5KW 37.
Product No.:	On request
EAN:	On request
	On request
Technical:	
Approvals on nameplate:	CE, CULUS, C-TICK
Installation:	
Range of ambient temperature:	32 .. 113 °F
Relative humidity:	5-95 %
Mounted on:	Wall
Electrical data:	
Rated power - P2:	25 HP
Main frequency:	50 / 60 Hz
Rated voltage:	3 x 380 - 440 / 441 - 500 V
Rated current:	37.5-34 A
Maximum current consumption:	37.5 A
Efficiency at full load:	98 %
Enclosure class (IEC 34-5):	IP55
Motor protection:	YES
Thermal protec:	external
Cable length:	150/300 m
Others:	
Net weight:	50.7 lb
Finnish LVI No.:	9414011
Country of origin:	DK
Custom tariff no.:	8504.40.4000





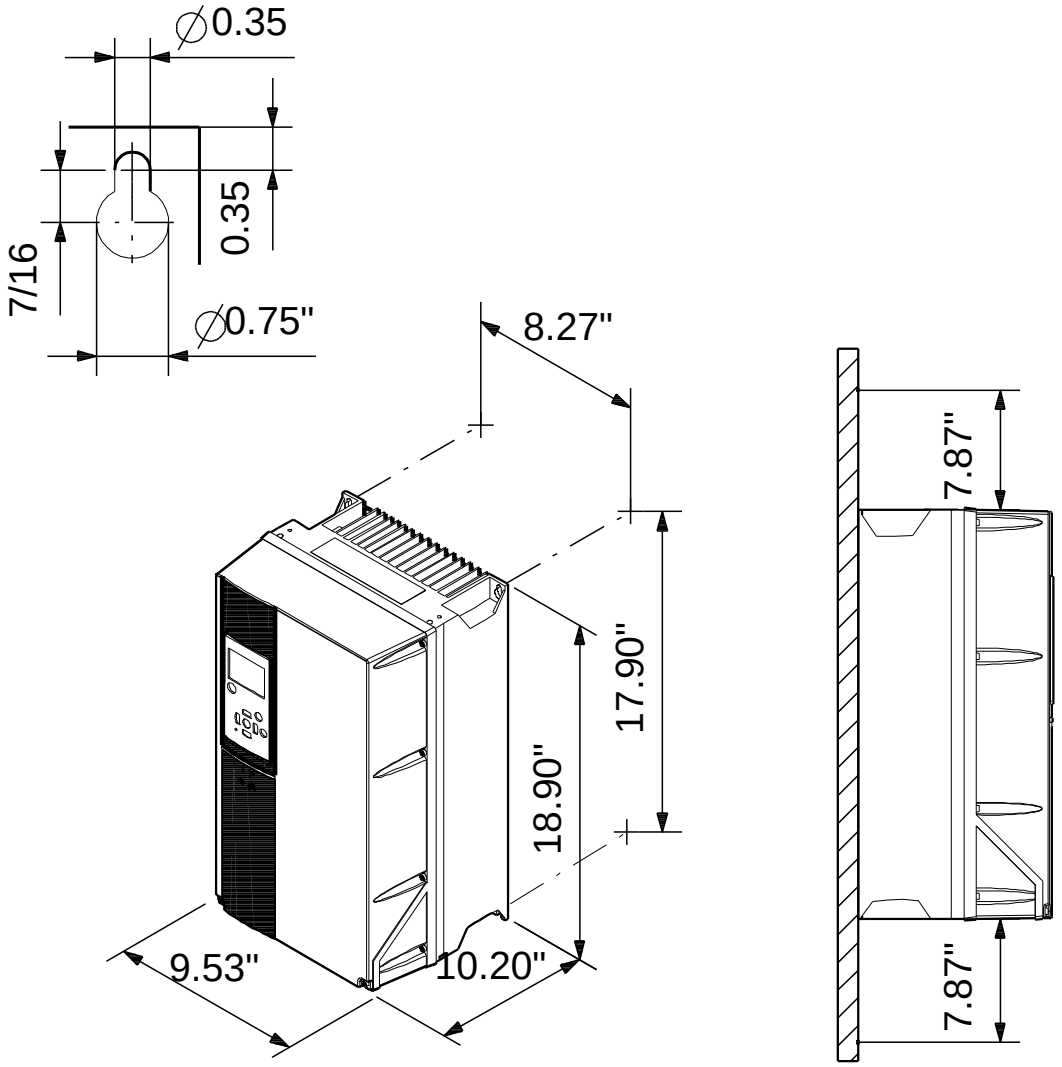




Company name:
Created by:
Phone:

Date: 5/27/2020

On request CUE 3X380-500V IP55 18.5KW 37.

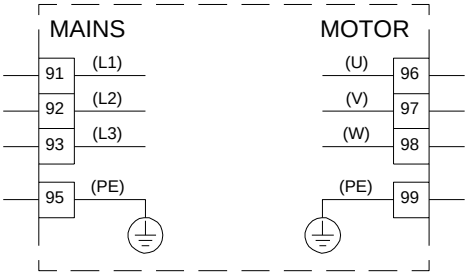


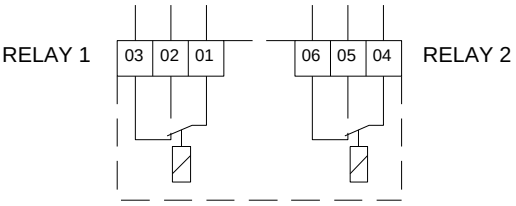
Note! All units are in [in] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.

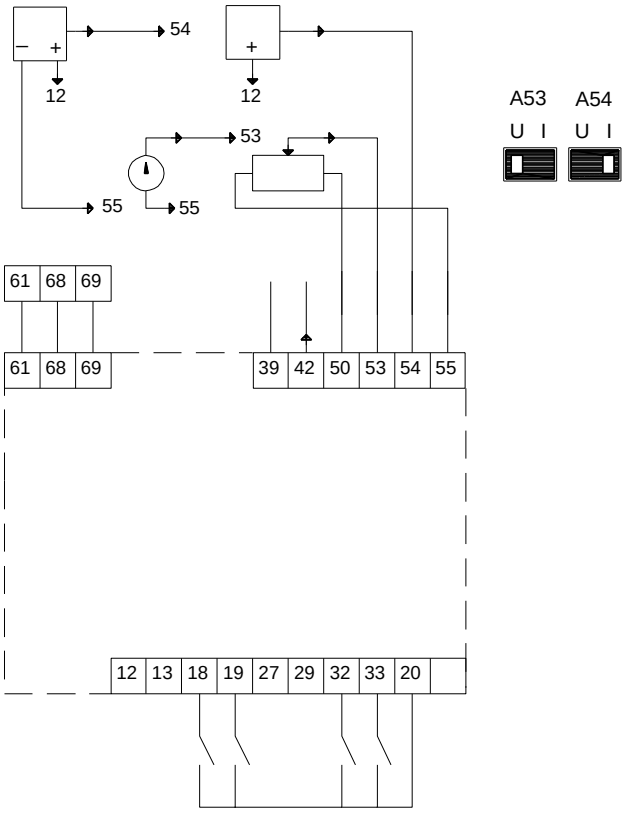
Company name:
Created by:
Phone:

Date: 5/27/2020

On request CUE 3X380-500V IP55 18.5KW 37.







All units are [in] unless otherwise presented.