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## SK 3343.200 Coolant Distribution Unit

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3343.200 - Coolant Distribution Unit CDU In-Row

Liquid-to-liquid coolant distribution unit for cooling liquid-cooled high-performance servers. The CDU In-Row separates the building's water circuit from the refrigerant circuit of the IT equipment. This ensures that the requisite volumetric flow, pressure and quality of the cooling medium in the secondary circuit are maintained at all times.



## Funktioner

Best.nr.	SK 3343.200
Udgave	Rækkeafkøling
Materiale	Stålplade, lakeret
Farve	RAL 9005
Leveringsomfang	Ready-to-connect CDU In-Row unit Vent valves Lækagesensor
Valgmuligheder	No. of pump units Redundant power supply Connection: Hard-wired, NEMA or CEE connector Filter size Insulated FWS pipework Emergency off switch
Samlet køleeffekt	1.000 kW at 4K ATD 1.500 kW at 6K ATD
Nominal flow rate, secondary circuit	1.500 l/min: at 2.0 bar (N+1) 1.875 l/min: at 1.8 bar (N)
Number of pumps and Type of pump	15 Variable Speed Drive (VSD) centrifugal pump

# Funktioner

Mærkedriftsspænding	200 - 277 V AC, 3~, 50/60 Hz 346 - 480 V AC, 50/60 Hz 240 - 380 V DC
Effektforbrug (ca.)	18 kW
Tilslutningstype (elektrisk)	2 x NEMA L22-30P
Driftstemperatur	5 °C...35 °C
Støjniveau	73,4 dB(A)
Dimensioner	BxHxD: 600 mm x 2.300 mm x 1.400 mm
Driftsvægt	1.250 kg
Vandtilslutninger	FWS: 4" sanitary flange with tri-clamp TCS: 4" sanitary flange with tri-clamp
Vandtilførsel	Facility Water System (FWS): Base or roof Technical Cooling System (TCS): Base or roof
Driftstemperaturinterval kølemedie	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Kølemedium	FWS: Water TCS: Water + PG25
Tilladt driftstryk (p maks.)	FWS: 10 bar TCS: 5 bar
Filter til sekundært kredsløb med mulighed for hot swap	25 µm, optional 50 µm  Pump unit Control Module Filter Sensorer Motor of 2-way valve Filling pump Drain valve
Redundant cooling	Pump unit: N+1 Filter: 2N
Overvågning	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status

# Funktioner

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Protokoller	Redfish Modbus/TCP HTTP, HTTPS, SSL, SSH, NTP, Telnet, TCP/IP v4, TCP/IP v6, DHCP, DNS, NTP, Syslog, SNMP v1, SNMP v2c, SNMP v3, OPC-UA, FTP/ SFTP, SMTP LDAP RCCMD
Lækageovervågning	Ja
Pakkestørrelse	1 stk.
Toldtarifnummer	84733080
Produktbeskrivelse	CDU In-Row, 1000 kW @ 4K ATD, 600x2300x1400 mm WHD

# Godkendelser.

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Godkendelser.	IEC CB UL + C-UL (listed)
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