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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.



## Features

Obj. č.	SK 3343.200
Prevedenie	Radové chladenie
Materiál	Oceľový plech, s nástrekom
Farba	RAL 9005
Rozsah dodávky	Ready-to-connect CDU In-Row unit Vent valves Snímač netesnosti
Voliteľné doplnky	No. of pump units Redundant power supply Connection: Hard-wired, NEMA or CEE connector Filter size Insulated FWS pipework Emergency off switch
Celkový chladiaci výkon	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

# Features

Menovité prevádzkové napätie	200 - 277 V AC, 3~, 50/60 Hz 346 - 480 V AC, 50/60 Hz 240 - 380 V DC
Menovitý elektrický príkon (cca)	18 kW
Spôsob (elektrického) pripojenia	2 x NEMA L22-30P
Rozsah prevádzkových teplôt	5 °C...35 °C
Hladina akustického tlaku	73,4 dB(A)
Rozmery	ŠxVxH: 600 mm x 2.300 mm x 1.400 mm
Prevádzková hmotnosť	1 250 kg
Prípojky vody	FWS: 4" sanitary flange with tri-clamp TCS: 4" sanitary flange with tri-clamp
Water supply	Facility Water System (FWS): Base or roof Technical Cooling System (TCS): Base or roof
Rozsah prevádzkovej teploty chladiaceho média	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Chladiace médium	FWS: Water TCS: Water + PG25
Prípustný prevádzkový tlak (p max.)	FWS: 10 bar TCS: 5 bar
Filter secondary circuit	25 µm, optional 50 µm
interné, s možnosťou výmeny počas prevádzky	Pump unit Control Module Filter Senzory Motor of 2-way valve Filling pump Drain valve
Redundant cooling	Pump unit: N+1 Filter: 2N
Monitorovanie	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status

# Features

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Protokoly	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
Leak monitoring	Yes
Balenie	1 pc(s).
Číslo colnej sadzby	84733080
Popis výrobku	CDU In-Row, 1000 kW @ 4K ATD, 600x2300x1400 mm WHD

# Approvals

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Approvals	Cyber Security Certificate IEC CB UL + C-UL (listed)
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