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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

Art. nr.	SK 3343.200
Utförande	Radkylning
Material	Stålplåt, lackerad
Färg	RAL 9005
Leveransens omfattning	Ready-to-connect CDU In-Row unit Vent valves Läckagesensor
Alternativ	No. of pump units Redundant power supply Connection: Hard-wired, NEMA or CEE connector Filter size Insulated FWS pipework Emergency off switch
Total kyleffekt	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

Märkspänning	200 - 277 V AC, 3~, 50/60 Hz 346 - 480 V AC, 50/60 Hz 240 - 380 V DC
Effektförbrukning (ca)	18 kW
Anslutningstyp (elektrisk)	2 x NEMA L22-30P
Driftstemperatur	5 °C...35 °C
Ljudnivå	73,4 dB(A)
Mått	BxHxD: 600 mm x 2.300 mm x 1.400 mm
Driftsvikt	1 250 kg
Vattenanslutningar	FWS: 4" sanitary flange with tri-clamp TCS: 4" sanitary flange with tri-clamp
Vattentillförsel	Facility Water System (FWS): Base or roof Technical Cooling System (TCS): Base or roof
Driftstemperatur kylmedium	FWS: 10 °C...50 °C TCS: 20 °C...55 °C
Kylmedium	FWS: Water TCS: Water + PG25
Tillåtet driftstryck (p max.)	FWS: 10 bar TCS: 5 bar
Filter sekundärkrets med hot swap-funktion	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
Övervakning	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status

Features

Protokoll	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
Läckageövervakning	Yes
Förpackningsenhet	1 st.
Tullvarukod	84733080
Produktbeskrivning	CDU In-Row, 1000 kW @ 4K ATD, 600x2300x1400 mm WHD

Approvals

Approvals	IEC CB UL + C-UL (listed)
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