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Water-Chiller KMS

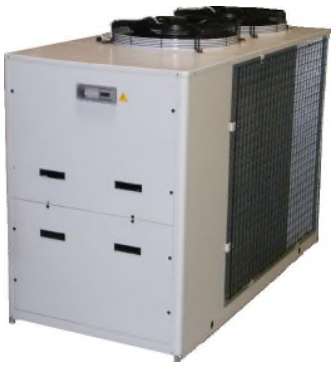
for Simoloyer®

Application

tempering of cooling-media (fluid) for Simoloyer-systems, e. g. CM08-CM100b;
cooling of vessel, bearing, pre-seal-unit

Features

- standing alone unit / outside & inside placement
- prepared for connections to Simoloyer® systems
- micro-processor controlled
- hydro-extractor, compressor, expansion tank
- safety valve, automatic ventilation valve
- anti-freeze protection etc.



KMS100 (survey), example KMS20b

KMS100 (electrical control unit, adaptation to e.g. Simoloyer® CM100b)

Dimensions / technical data

technical data	Simoloyer® CM08	Simoloyer® CM20		Simoloyer CM100
dimensions [L x B/W x H, mm]	1220x560x1250	1220x560x1250	1565x600x1275	1991 x 950 x 1485
approx. net weight [kg]	202	209	325	600
sound pressure [dB(A)]	41	41	43	44
operation fluid-temp. [°C]	7 - 20			
ambient temperature [°C]	-15 – 35 (upon arrangement)			
refrigerating capacity [kW]	9,3	15	19,4	44
required power [kW]	3,2	5,2	6,6	17
electrical connection data (pre-fuse)		400V/3phases/50Hz, pre-fuse 35A		400V/3phases/50Hz, pre-fuse 80A
coolant (internal)	R410A (usually)			
required volume of cooling media, buffer [l]	30	30	50	115
cooling media	water / water-glycol			
flow rate [l/min] / pressure flow-out [bar]	26,5 / 1	42,8 / 1	55 / 1	330-540 / 1
prepared for adaptation to	cooling block Simoloyer® (CM08/CM20/CM100)			
set-up	inside / outside roofed (option) / outside (not roofed, option)			
definition example	KMS08-CM08 (standard)	KMS20-CM20 (standard)	KMS20b-CM20	KMS100-CM100b

technical data subject to alterations