

Large Type, Water-cooled 400 V Type - HRSH HRSH250-WF-40-MT

Datasheet

General series information

- Cooling capacity: 11.5 to 24 kW
- Temperature stability: ± 0.1 °C
- Set temperature range: 5 to 35 °C
- Triple inverter
- With heating function and self-diagnosis.

Standard specifications

Cooling Capacity	250 (24kW)
Thread	F (G, w/Rc-G Conversion Fitting)
Caster Adjuster-foot	None
Fluid Fill Port	None
DI Water Piping	M (Applicable to Deionized Water Piping)
High-pressure Pump Mounted	T (High-pressure Pump Mounted)
Maximum ambient temperature	45 °C
Minimum ambient temperature	2 °C
General power supply	3-phase 380 to 415 V AC (50 / 60 Hz)
Conform to the European RoHS Directive	Conform
Approvals	CE
Cooling method	Water-cooled refrigeration
Refrigerant	R410A (HFC) (GWP2088)
Control method	PID control
Circulating fluid	Tap water, 15% ethylene glycol aqueous solution, Deionised water
Set temperature range	5 to 35 °C
Cooling capacity (50 Hz)	24 kW

Heating capacity (50 Hz)	7.2 kW
Temperature stability	± 0,1
Tank capacity	42 L
Contact material for circulating fluid	Stainless steel, Copper (Heat exchanger brazing), Brass (Y-strainer), PTFE, PU, FKM, EPDM, PVC, NBR, POM, PE, NR
Facility water temperature range	5 to 40 °C
Facility water pressure range	0.3 to 0.5 MPa
Facility water port size	G 1
Contact material for facility water	Stainless steel, Copper (Heat exchanger brazing), Bronze, Brass, PTFE, NBR, EPDM
Noise level (50 Hz)	61 dB
Pump rated flow (50 Hz)	45 l/min (0.45 MPa)
Maximum pump head (50 Hz)	50 m
Circulating fluid port size	G 1
Tank drain port	G 3/4
Pump maximum flow rate	130 l/min
Rated operating current	12.8 A
Rated power consumption	8.2 kW
Facility water required flow range	55 l/min
Automatic fluid fill system supply side pressure range	0.2 to 0.5 MPa
Automatic fluid fill port	G 1/2
Automatic fluid fill system overflow port	G 1
Waterproof specification	IPX4
Automatic fluid fill system supply side fluid temperature	5 to 35 °C
Weight	202.000 Kg

Additional information

Catalogue	HRSH-Ddd_EU.pdf
Declaration of conformity	newDoC_HRSH_TF1Y300EN.pdf DoC_HRSH_TF-R020.pdf newDoC_HRSH_TF-T020EN.pdf newDoC_HRSH_TF1V338EN.pdf newDoC_HRSH_TF125-052EN.pdf
Installation manuals	IM_HRSH_TF2Z577EN-A.pdf
Operation manuals	OM_HRH100-250_EN-W.pdf OM-Snow_protection_hood_HRSH100-150-200-250-300_EN.pdf om-communication_hrsh100-150-200-250-300_en-e.pdf om-npt_thread_adapter_set_hrsh100-150-200-250-300_en-a.pdf OM-G_Thread_adapter_set_HRSH100-150-200-250-300_EN-A.pdf