

KDE412SA-KDC6000V-20Ax20m

1. Specification

| | | |
|------------------------------------|--------------------------|---------------------|
| Coldhead Type | KDE412SA | |
| Lowest Temperature: | < 3.5K | |
| Cooling Capacity (50Hz): | First Stage | Second Stage |
| | 40W @ 45K | 1.25W @ 4.2K |
| Cooldown Time (2nd stage) : | < 60min.(4.2K) | |
| Weight: | Coldhead | Compressor |
| | 18.5 kg | 118 kg |
| Compressor Type: | KDC6000V | |
| Power Consumption(50Hz) | Steady | Cooldown |
| | 6.5kW | 7.2 kW |
| Cooling Type: | Water | |
| Cooling Water Requirement: | > 7 L/min | |
| Standard Flexline: | 20Ax20m | |
| Maintenance Interval: | Coldhead | |
| | 18 months | |

2. Environmental Requirement

| Item | Operating | Storage |
|-------------------------------------|---------------------|----------------------------------|
| Ambient Temperature | 4-40 °C | -20-65 °C |
| Relative Humidity | 30%-70% | 10%-90% |
| | | (Requiring No-condensing) |
| Ambient atmospheric pressure | 70kPa~110kPa | 20kPa~110kPa |

3. Typical Load Map(50Hz)

