

High Field Magnet to 22 Tesla

Specifications

Sample Specifications

Model	22T-30-H3	21T-30-H3
Central fields guaranteed at 4.2K	20.0 Tesla	19.0 Tesla
guaranteed at 2K	22.0 Tesla	21.0 Tesla
design at 4.2K	21.0 Tesla	20.0 Tesla
design at 2K	>23.0 Tesla	>22.0 Tesla
Maximum operating current	200A	200A
Inductance	100H	85H
Typical ramp rate with provided power supply		
0 to 18T	20 mins	18mins
18T to Bmax	17mins	12mins
Central field homogeneity	----0 1% in 10mm----	
Clear central bore in 22T insert coil	30mm	
Clear bore in 20T main coil only	75mm	65mm
Overall diameter	350mm	335mm
Overall height	650mm	650mm