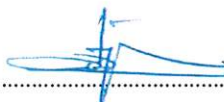




Term of Reference / Technical Specifications
Helium Expansion Turbine (Helial1000)

Item	Description	Part Number	Quantity	Unit	Remark
1	Turboexpander housing HEXT100 (2.1)	76101.01	1	Set	
	-Cooling capacity 0.1 - 3kW				
	-Mass flow 4 - 150 g/s				
	-Max revolutions per minute 360,000				
	-Max. inlet pressure 1.8Mpa				
	-Inlet temperature 6 - 150K				
	-Turbine wheel diameter 9 - 20 mm				
	-Bearing types Aerodynamic				
	-Turboexpander configuration Whirling speed				
2	Turboexpander housing HEXT100 (2.2)	76101.02	1	Set	
	-Cooling capacity 0.1 - 3kW				
	-Mass flow 4 - 150 g/s				
	-Max revolutions per minute 360,000				
	-Max. inlet pressure 1.8Mpa				
	-Inlet temperature 6 - 150K				
	-Turbine wheel diameter 9 - 20 mm				
	-Bearing types Aerodynamic				
	-Turboexpander configuration Whirling speed				

Signature.....  Purchaser