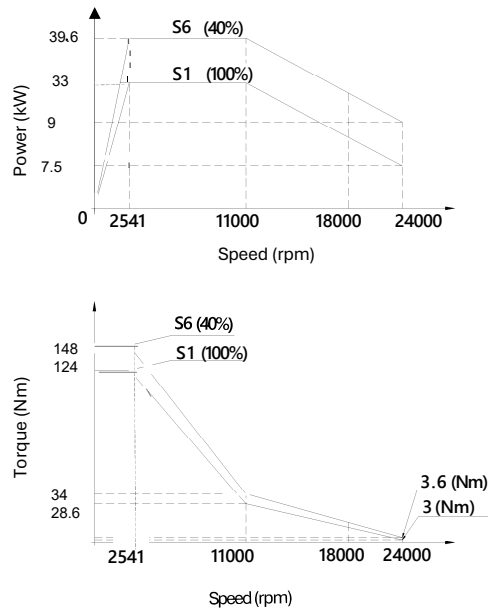
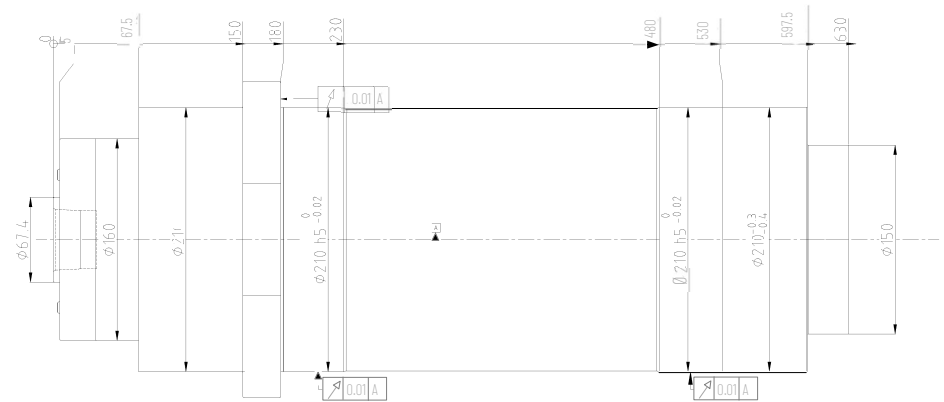
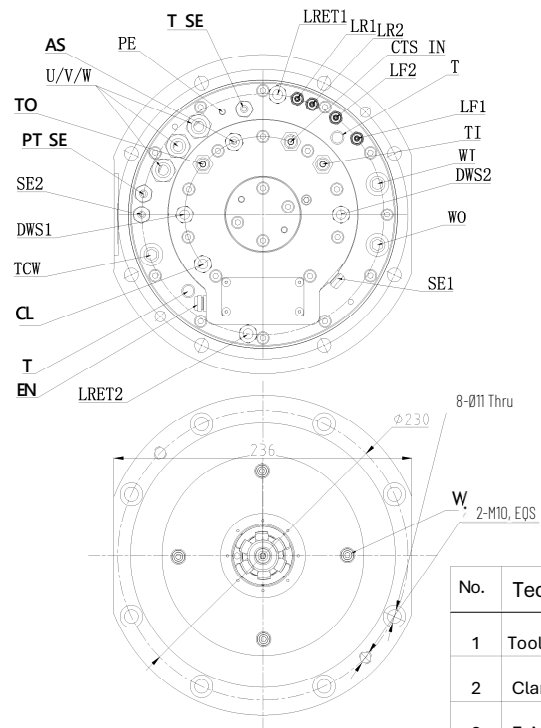




No.	Technical Indicators	Standard value
1	Tool interface	HSK-A63
2	Clamping power	18-24kN
3	E. M.	10.4 – 10.6 mm
4	Unclamping pressure	12-14Mpa
5	Clamping pressure	0.5-14Mpa
6	Bearing lubrication	0.4-0.4Mpa
7	Bearing lubrication	oil air 24krpm grease 18krpm
8	Spindle coolant	Water
9	Cooling demand	5kW
10	Coolant flow	≥12l/min
11	Sealing air	0.4-0.4Mpa
12	Tool inner coolant	Cooling liquid ≤7Mpa Oil mist ≤1Mpa Water/oil/oil mist/air ≤1Mpa
13	Tool outer coolant	
14	Encoder signal	Sin/Cos, 1Vpp, Z=224
15	Tool clamping monitoring	Analog distance sensor
16	Thermistor in coil	KTY84, PTC
17	Bearing temp. Monitoring	PT100

U/V/W	Power cable	M23-1Pin Power Connector, Cable Length:0.5m
EN	Ground cable connection	M5-8
PE	Encoder	M23-12pin Signal Connector, Cable Length:0.5m
EN	Encoder	M23-12pin Signal Connector, Cable Length:0.5m
T SE	Thermistors for motors	M12-4pin Signal Connector, Cable Length:0.5m
PT SE	Thermistors for bearing	M12-4pin Signal Connector, Cable Length:0.5m
TO	Tool unclamping inlet	37° Flare Joint 7/16-20, Hole: G1/8
TI	Tool clamping inlet	37° Flare Joint 7/16-20, Hole: G1/8
TI	Tool clamping inlet	37° Flare Joint 7/16-20, Hole: G1/8
CL	Cone cleaning inlet	for 8 Hose, Hole: G1/8
AS	Sealing air inlet	for Ø8 Hose, Hole: G1/8
CTS IN	Tool inner coolant inlet	37° Flare Joint 7/16-20, Hole: G1/8
DWS1 DWS2	Tool inner coolant bleeding	for Ø8 Hose, Hole: G1/8
LF1/2 LR 1/2	Bearing oil-air outlet	for Ø8 Hose, Hole: G1/8
LRET LRET1	Bearing oil-air outlet	for Ø8 Hose, Hole: G1/8
WI	Coolant inlet	for Ø12 Hose, Hole: G1/4
WO	Coolant outlet	for Ø12 Hose, Hole: G1/4
W	Tool outer coolant inlet	4*M5
T	Eyebolt for transport	M10 - 12
INFRANOR		HPC-210-24000-33-HSK DGZX-21024/33-KFHWQVJLS
		Schematic diagram