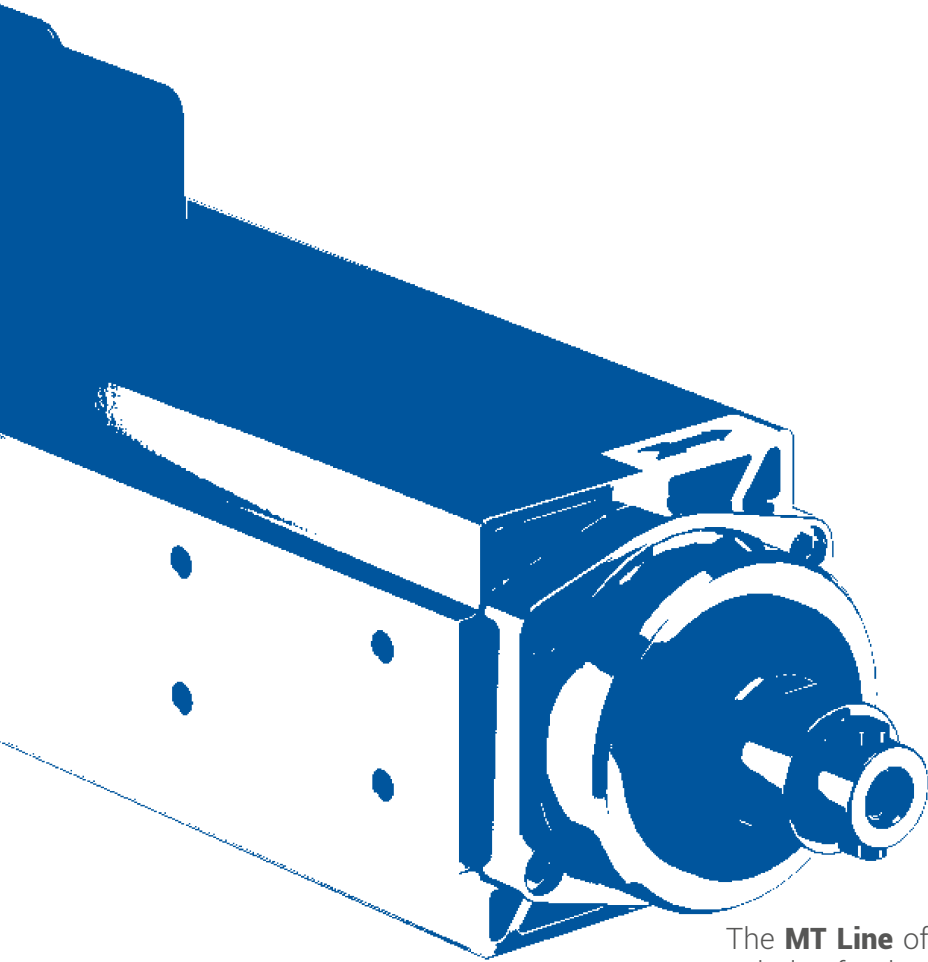




MT LINE

The **MT Line** of electrospindles presents itself as a versatile solution for the processing of wood and composite materials. Its main feature is the wide range of available configurations, which allow the electrospindle to be adapted to the specific needs of each application.

The **MT Line** is ideal for CNC work centers, pantographs, edgebanding machines and robots. The available power ratings vary from 3 to 15 kW with speeds up to 24000 rpm.

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT



ROUTER
CNC



AT1055-090

Essential / Low Cost / Manual Tool Change

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

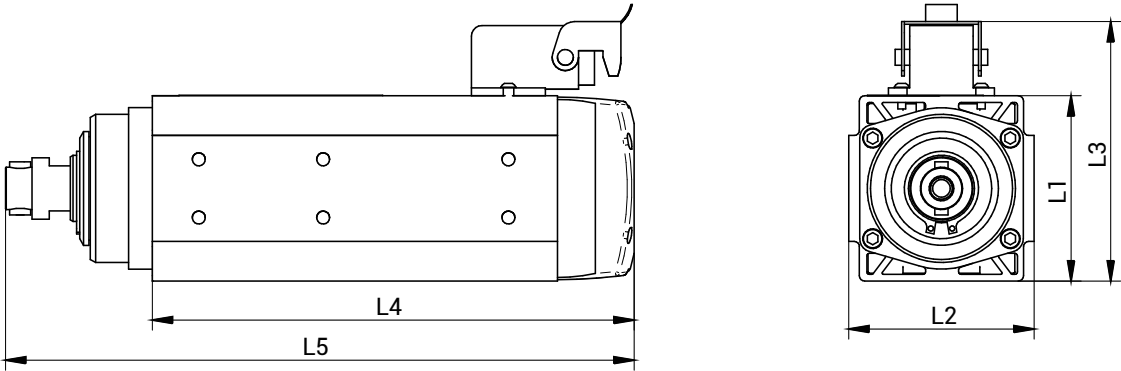


ROUTER
CNC

TECHNICAL DATA

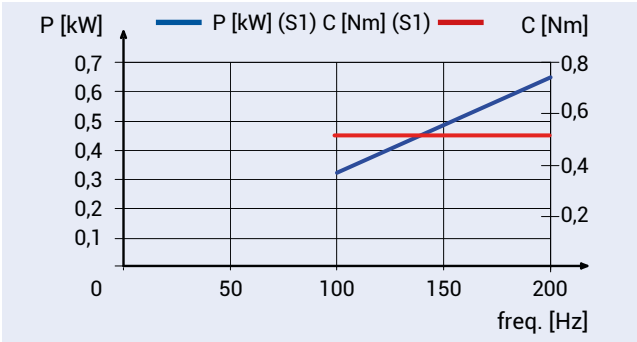
	AT1055-090
	0.65kW
Body diameter [mm]	Ø70x70
Max speed [rpm] (grease / air-oil)	12000
Torque S1/S6 (40%) [Nm]	0.5 / 0.6
Power S1/S6 (40%) [kW]	0.65 / 0.8
Rated Voltage	380
Tool interface	Keyed
Cooling	Shaft driven fan
Weight [kg]	4.8

DIMENSIONS



	AT1055-090
	0.65kW
L1 (mm)	70
L2 (mm)	70
L3 (mm)	98
L4 (mm)	182
L5 (mm)	238

DIAGRAMS - POWER & TORQUE





AT1073-060

Essential / Low Cost / Manual Tool Change

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

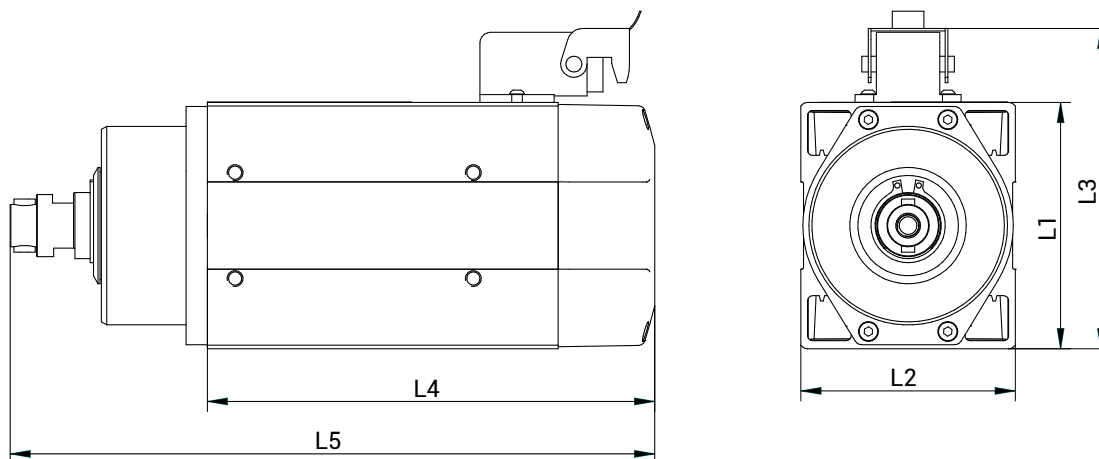


ROUTER
CNC

TECHNICAL DATA

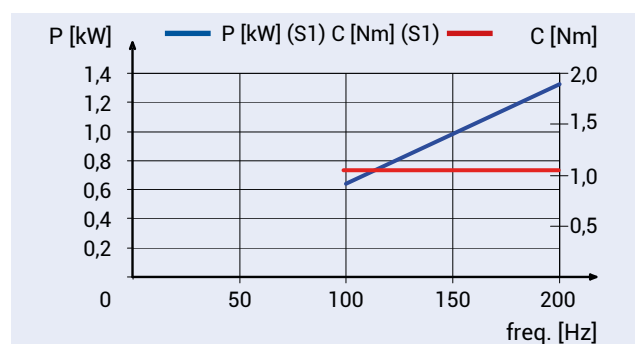
	AT1073-060
	1.3kW
Body diameter [mm]	Ø82.5x92.5
Max speed [rpm] (grease / air-oil)	12000
Torque S1/S6 (40%) [Nm]	1 / 1.2
Power S1/S6 (40%) [kW]	1.3 / 1.5
Rated Voltage	380
Tool interface	Keyed
Cooling	Shaft driven fan
Weight [kg]	4.7

DIMENSIONS



	AT1073-060
	1.3kW
L1 (mm)	92.5
L2 (mm)	82
L3 (mm)	121
L4 (mm)	169
L5 (mm)	244

DIAGRAMS - POWER & TORQUE





AT1073-120

Essential / Low Cost / Manual Tool Change

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

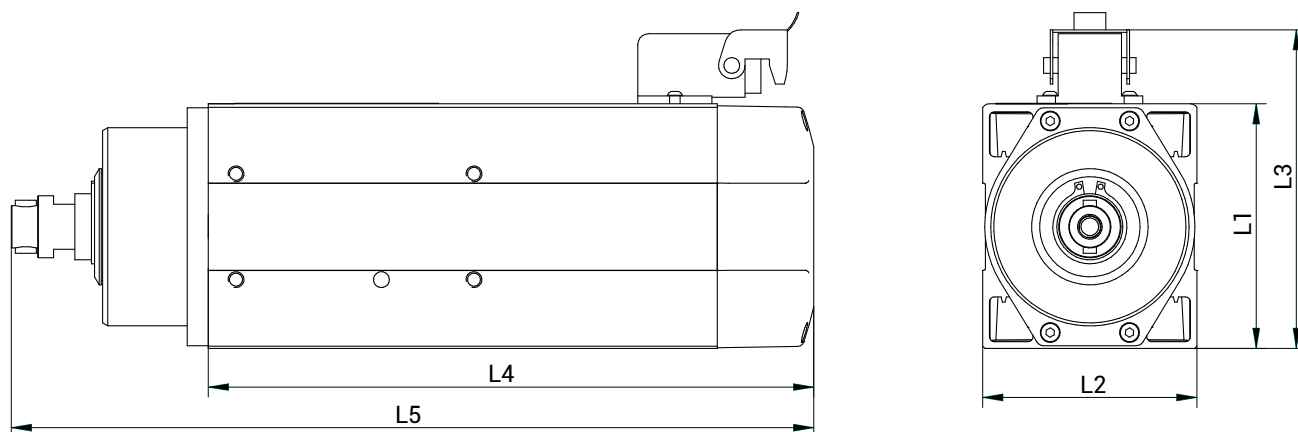


ROUTER
CNC

TECHNICAL DATA

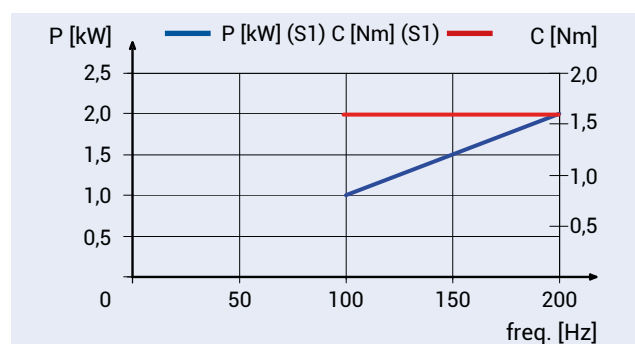
	AT1073-120
	2kW
Body diameter [mm]	Ø82.5x92.5
Max speed [rpm] (grease / air-oil)	12000
Torque S1/S6 (40%) [Nm]	1.6 / 1.9
Power S1/S6 (40%) [kW]	2 / 2.4
Rated Voltage	380
Tool interface	Keyed
Cooling	Shaft driven fan
Weight [kg]	6.9

DIMENSIONS



	AT1073-120
	2kW
L1 (mm)	92.5
L2 (mm)	82
L3 (mm)	121
L4 (mm)	229
L5 (mm)	303

DIAGRAMS - POWER & TORQUE





AT1090-100

Essential / Low Cost / Manual Tool Change

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING

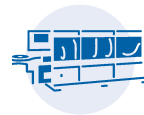


CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT



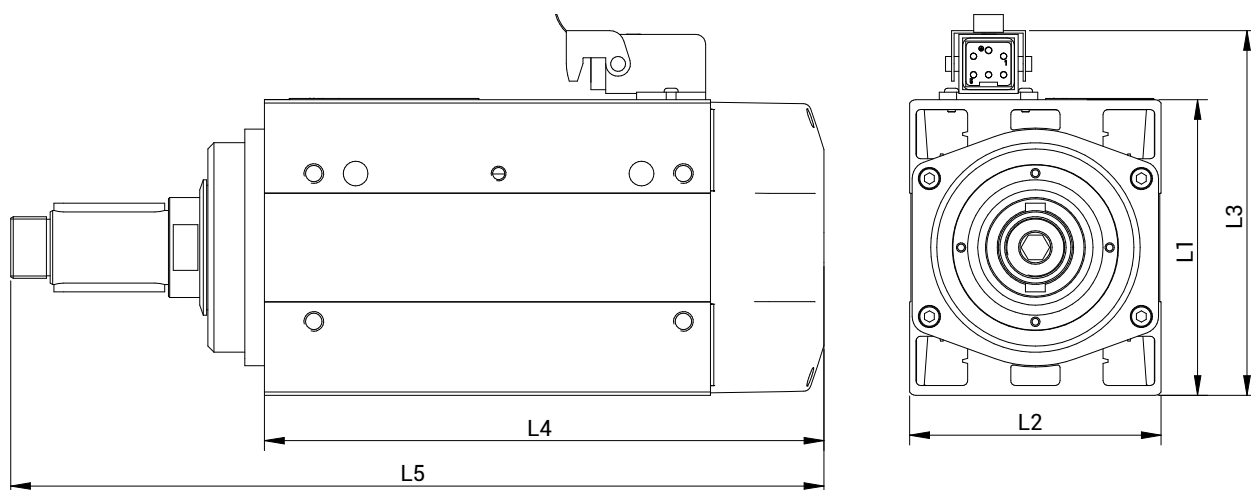
ROUTER
CNC

TECHNICAL DATA

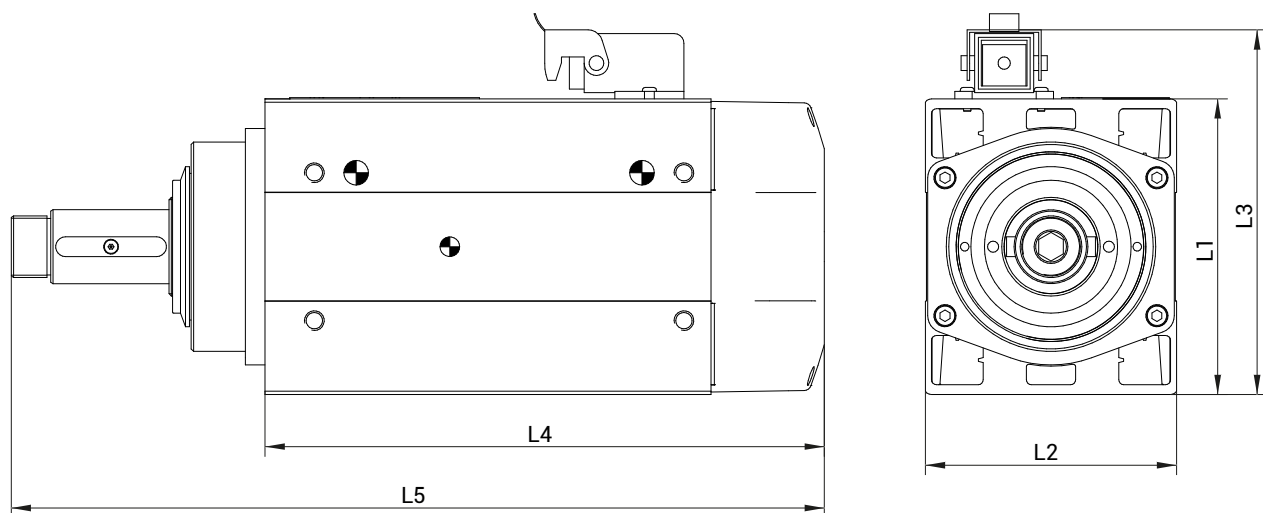
	AT1090-100 3.5kW	AT1090-100 3.7kW
Body diameter [mm]	Ø102x120	Ø102x120
Max speed [rpm] (grease / air-oil)	12000	12000
Torque S1/S6 (40%) [Nm]	2.8 / 3.4	3.9 / 4.7
Power S1/S6 (40%) [kW]	3.5 / 4.2	3.7 / 4.5
Rated Voltage	380	380
Tool interface	Keyed	Keyed
Cooling	Shaft driven fan	Shaft driven fan
Weight [kg]	10.5	10.5

DIMENSIONS

AT1090-100 3.5kW



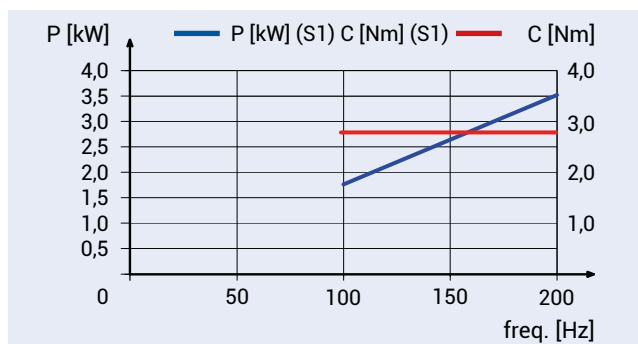
AT1090-100 3.7kW



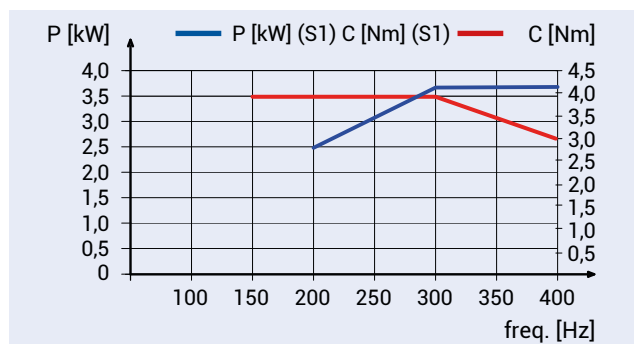
	AT1090-100 3.5kW	AT1090-100 3.7kW
L1 (mm)	120	120
L2 (mm)	102	102
L3 (mm)	148	148
L4 (mm)	227	227
L5 (mm)	330	330

DIAGRAMS - POWER & TORQUE

AT1090-100 3.5kW



AT1090-100 3.7kW





AT1090-140

Essential / Low Cost / Manual Tool Change

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

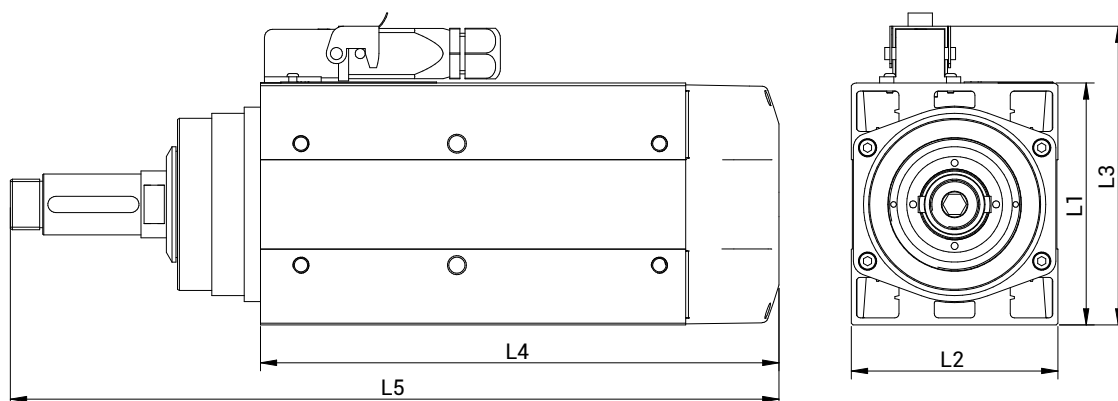


ROUTER
CNC

TECHNICAL DATA

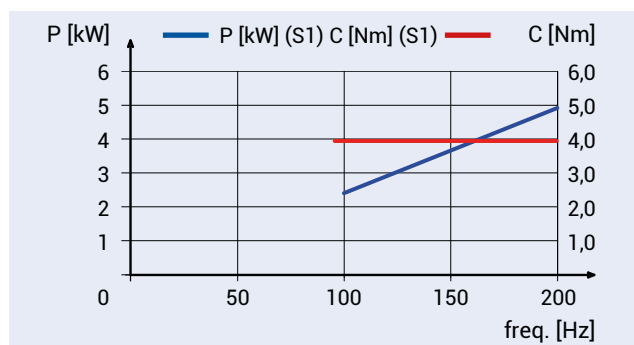
	AT1090-140
	5kW
Body diameter [mm]	Ø102x119.5
Max speed [rpm] (grease / air-oil)	12000
Torque S1/S6 (40%) [Nm]	4 / 4.8
Power S1/S6 (40%) [kW]	5 / 6
Rated Voltage	380
Tool interface	Keyed
Cooling	Shaft driven fan
Weight [kg]	12.5

DIMENSIONS



	AT1090-140
	5kW
L1 (mm)	119.5
L2 (mm)	102
L3 (mm)	148
L4 (mm)	256
L5 (mm)	379

DIAGRAMS - POWER & TORQUE





AT1120-170

Essential / Low Cost / Manual Tool Change

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

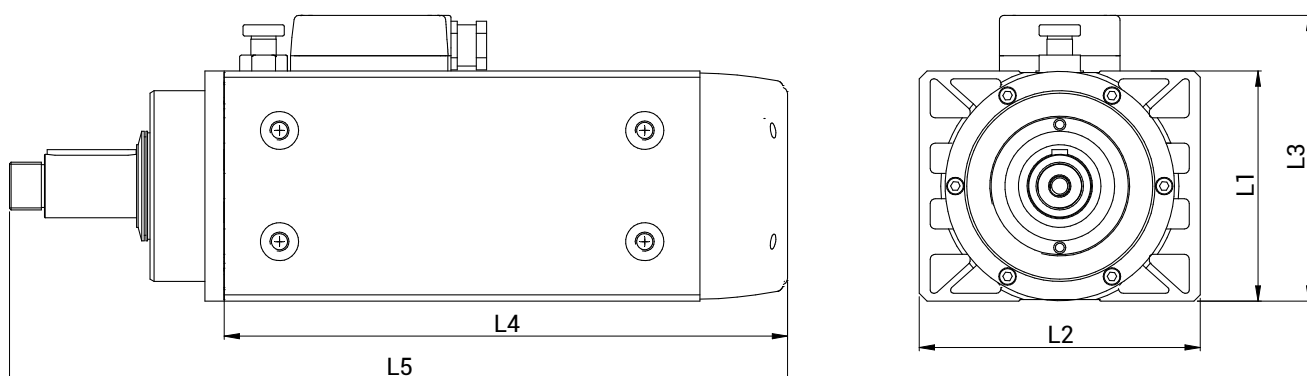


ROUTER
CNC

TECHNICAL DATA

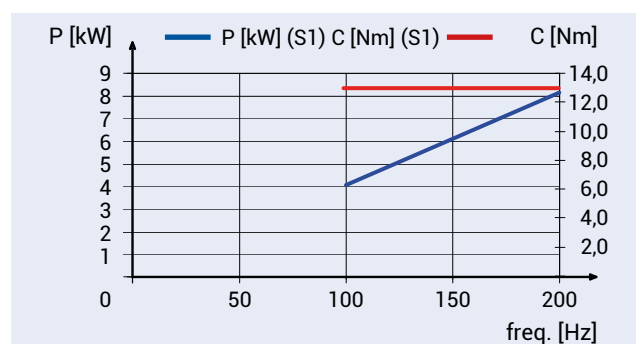
	AT1120-170 5.8kW	AT1120-170 8.1kW
Body diameter [mm]	Ø177x145	Ø177x145
Max speed [rpm] (grease / air-oil)	6000	6000
Torque S1/S6 (40%) [Nm]	9.2 / 11.9	12.9 / 15.1
Power S1/S6 (40%) [kW]	5.8 / 7.5	8.1 / 9.5
Rated Voltage	380	380
Tool interface	Keyed	Keyed
Cooling	Shaft driven fan	Shaft driven fan
Weight [kg]	35	35

DIMENSIONS



	AT1120-170	AT1120-170
	5.8kW	8.1kW
L1 (mm)	145	145
L2 (mm)	177	177
L3 (mm)	180	180
L4 (mm)	355	355
L5 (mm)	490	490

DIAGRAMS - POWER & TORQUE





MT1055-090

Compact / Reliable / Low Cost

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

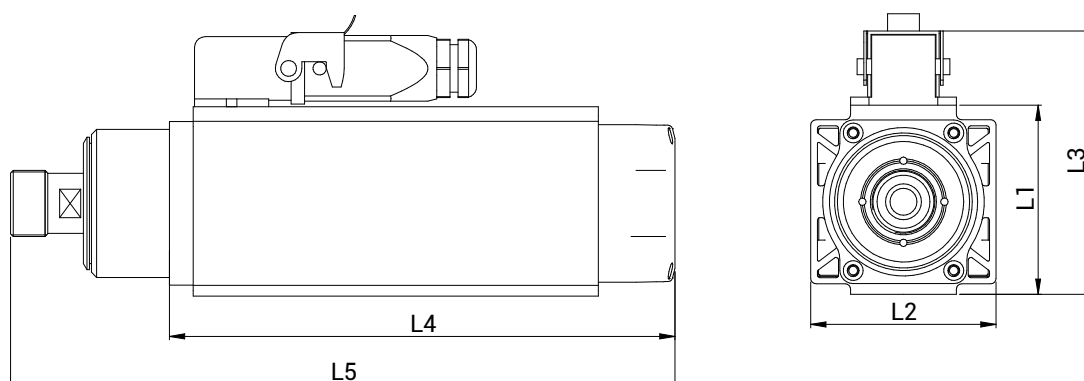


ROUTER
CNC

TECHNICAL DATA

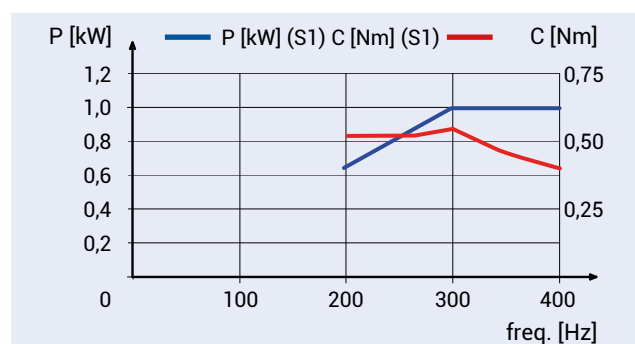
	MT1055-090
	1kW
Body diameter [mm]	Ø70x71.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	0.53 / 0.69
Power S1/S6 (40%) [kW]	1 / 1.3
Rated Voltage	220 / 380
Tool interface	ER20
Cooling	Shaft driven fan
Weight [kg]	3.5

DIMENSIONS



MT1055-090	
1kW	
L1 (mm)	71,5
L2 (mm)	70
L3 (mm)	99,5
L4 (mm)	191
L5 (mm)	251

DIAGRAMS - POWER & TORQUE





MT1073-060

Compact / Reliable / Low Cost

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

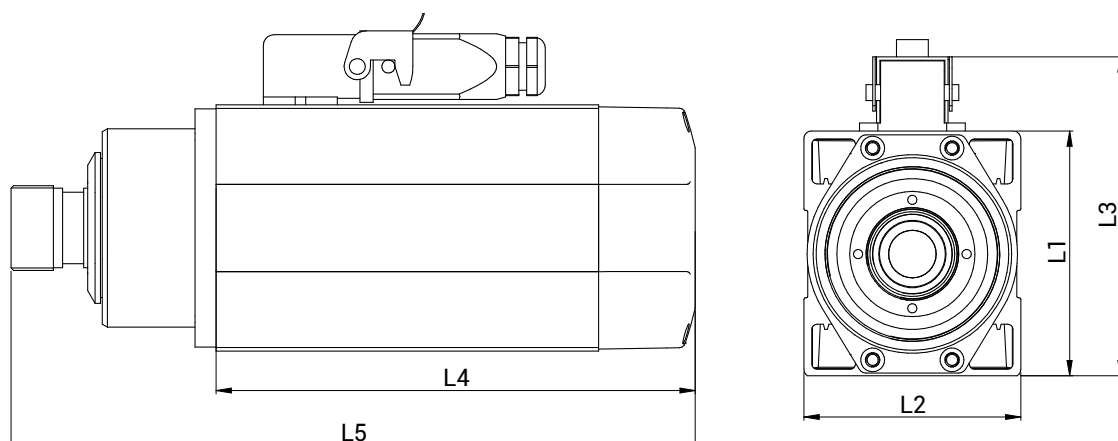


ROUTER
CNC

TECHNICAL DATA

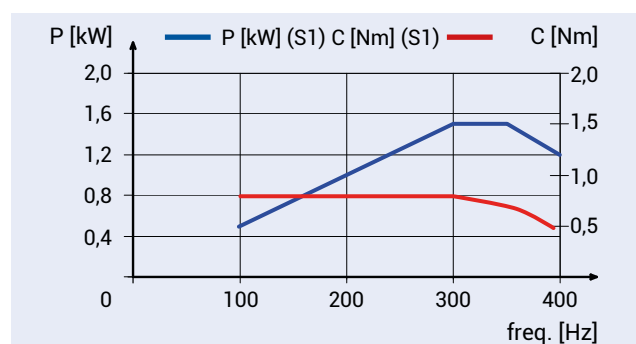
	MT1073-060
	1.5kW
Body diameter [mm]	Ø82.5x92.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	0.8 / 0.95
Power S1/S6 (40%) [kW]	1.5 / 1.8
Rated Voltage	220 / 380
Tool interface	ER25
Cooling	Shaft driven fan / Electric fan
Weight [kg]	7

DIMENSIONS



	MT1073-060
	1.5kW
L1 (mm)	92,5
L2 (mm)	82
L3 (mm)	120,5
L4 (mm)	181
L5 (mm)	258

DIAGRAMS - POWER & TORQUE





MT1073-120

Compact / Reliable / Low Cost

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

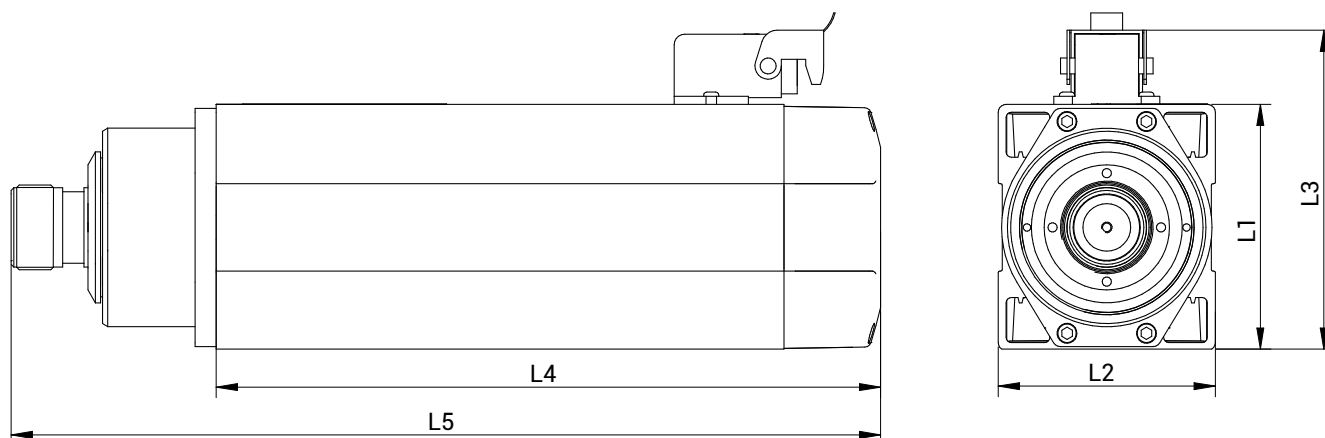


ROUTER
CNC

TECHNICAL DATA

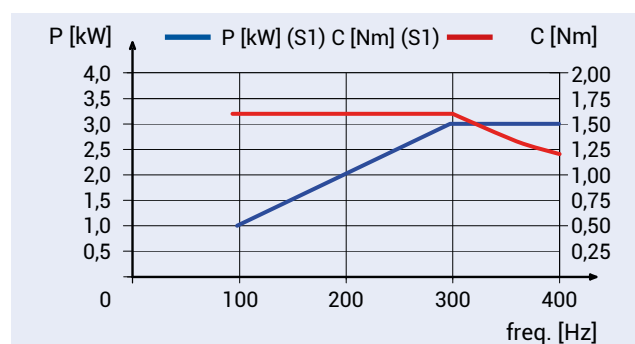
	MT1073-120
	3kW
Body diameter [mm]	Ø82.5x92.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	1.6 / 1.9
Power S1/S6 (40%) [kW]	3 / 3.6
Rated Voltage	220 / 380
Tool interface	ER25
Cooling	Shaft driven fan / Electric fan
Weight [kg]	8

DIMENSIONS



	MT1073-120
	3kW
L1 (mm)	92,5
L2 (mm)	82
L3 (mm)	120,5
L4 (mm)	251
L5 (mm)	328

DIAGRAMS - POWER & TORQUE





MT1090-100

Compact / Reliable / Low Cost

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

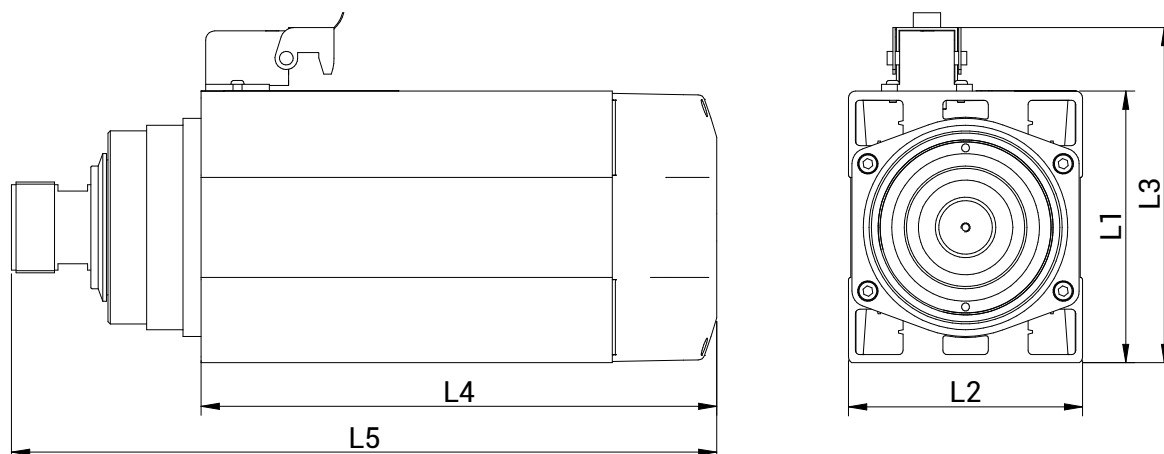


ROUTER
CNC

TECHNICAL DATA

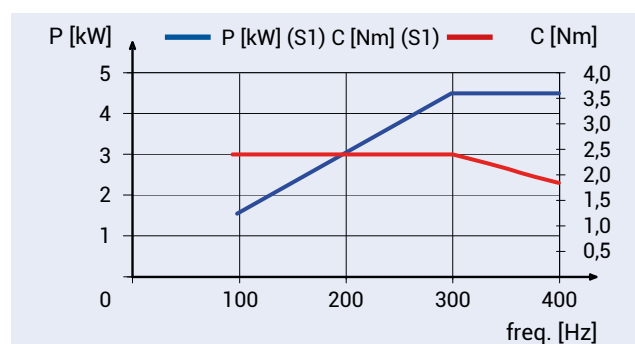
	MT1090-100
	3.5kW
Body diameter [mm]	Ø102x119.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	2.4 / 2.9
Power S1/S6 (40%) [kW]	4.5 / 5.4
Rated Voltage	220 / 380
Tool interface	ER25
Cooling	Shaft driven fan / Electric fan
Weight [kg]	10

DIMENSIONS



MT1090-100	
3.5kW	
L1 (mm)	119.5
L2 (mm)	102
L3 (mm)	147.5
L4 (mm)	227
L5 (mm)	310

DIAGRAMS - POWER & TORQUE





MT1090-140

Compact / Reliable / Low Cost

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

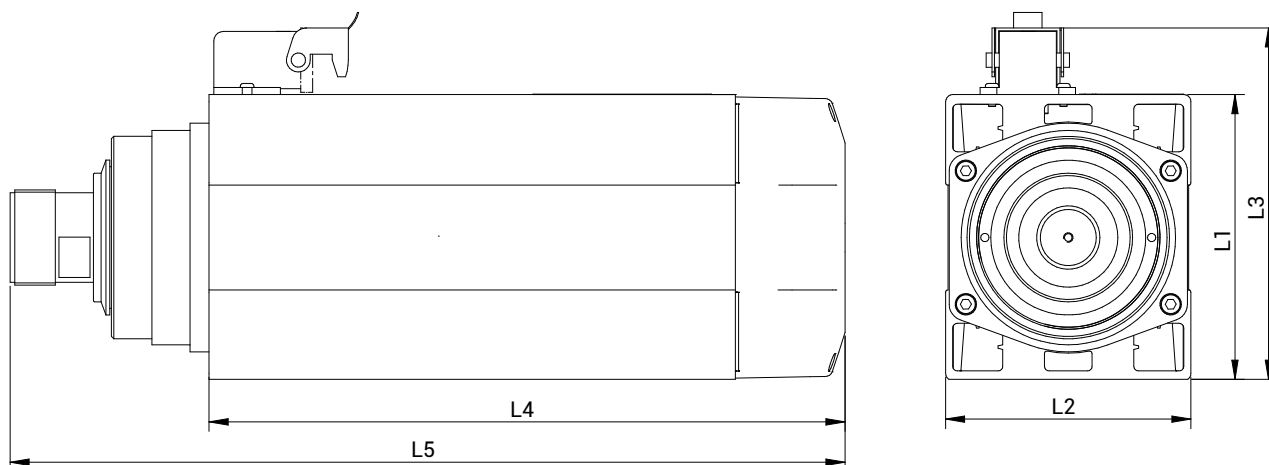


ROUTER
CNC

TECHNICAL DATA

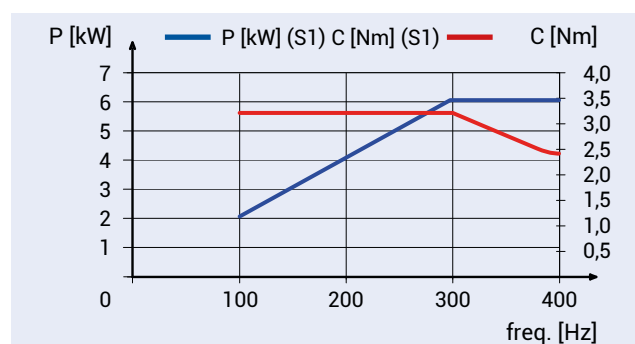
	MT1090-140
	6kW
Body diameter [mm]	Ø102x119.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	3.2 / 3.8
Power S1/S6 (40%) [kW]	6 / 7.2
Rated Voltage	220 / 380
Tool interface	ER25
Cooling	Shaft driven fan / Electric fan
Weight [kg]	15

DIMENSIONS



	MT1090-140
	6kW
L1 (mm)	119.5
L2 (mm)	102
L3 (mm)	147.5
L4 (mm)	267
L5 (mm)	350,5

DIAGRAMS - POWER & TORQUE





MT1120-170

Compact / Reliable / Low Cost

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

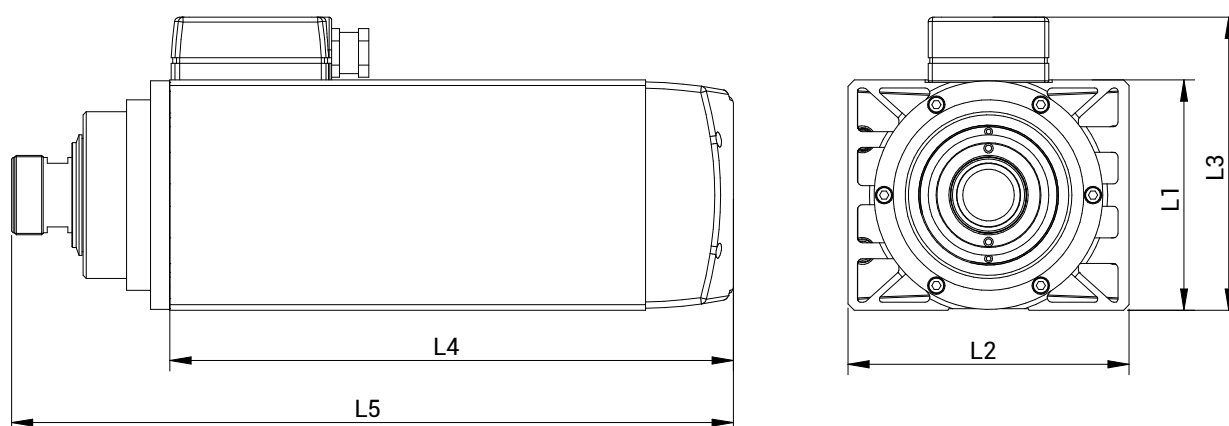


ROUTER
CNC

TECHNICAL DATA

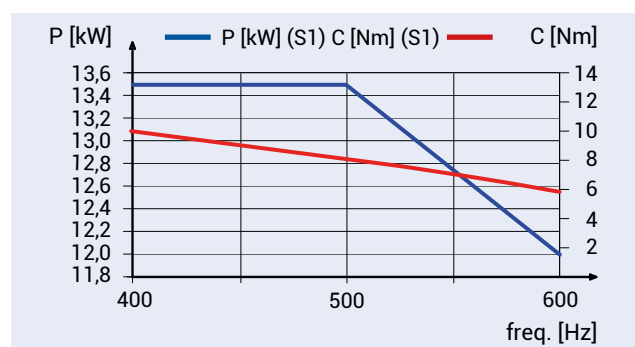
	MT1120-170
	13.5kW
Body diameter [mm]	Ø177x145
Max speed [rpm] (grease / air-oil)	18000
Torque S1/S6 (40%) [Nm]	10.7 / 12.9
Power S1/S6 (40%) [kW]	13.5 / 16.2
Rated Voltage	380
Tool interface	ER40
Cooling	Shaft driven fan / Electric fan
Weight [kg]	35

DIMENSIONS



	MT1120-170
	13.5kW
L1 (mm)	145
L2 (mm)	1777
L3 (mm)	184,5
L4 (mm)	355
L5 (mm)	454,5

DIAGRAMS - POWER & TORQUE





MTR1055-090

Essential / Easy To Use / Reliable

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

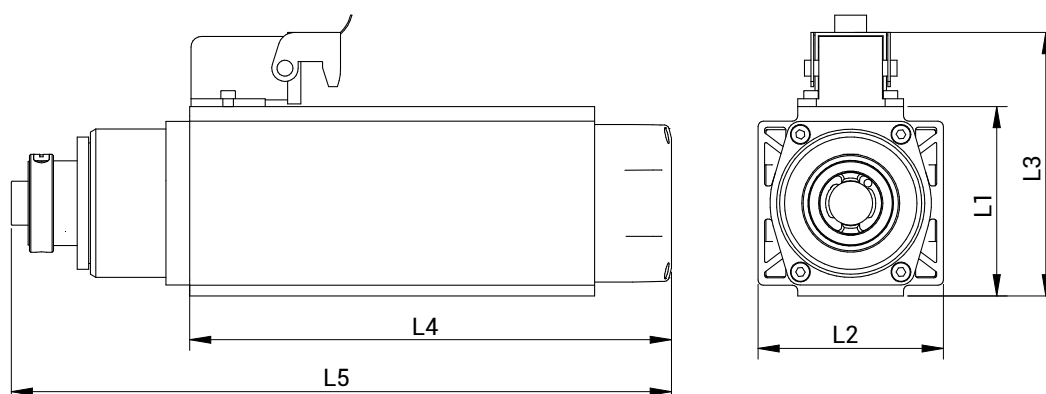


ROUTER
CNC

TECHNICAL DATA

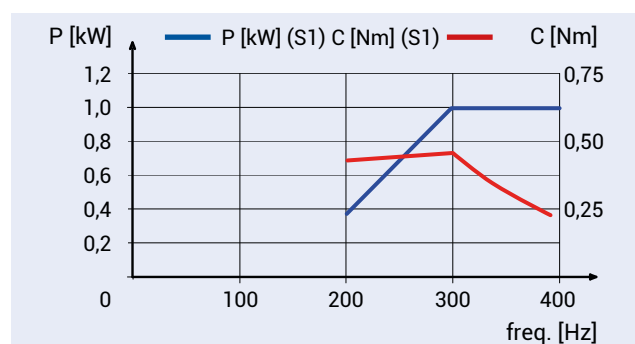
	MTR1055-090
	1kW
Body diameter [mm]	Ø70x71.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	0.53 / 0.69
Power S1/S6 (40%) [kW]	1 / 1.3
Rated Voltage	220 / 380
Tool interface	HSK C32
Cooling	Shaft driven fan
Weight [kg]	3.5

DIMENSIONS



MTR1055-090	
1kW	
L1 (mm)	71,5
L2 (mm)	70
L3 (mm)	99,5
L4 (mm)	182
L5 (mm)	249,5

DIAGRAMS - POWER & TORQUE





MTR1073-120

Essential / Easy To Use / Reliable

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

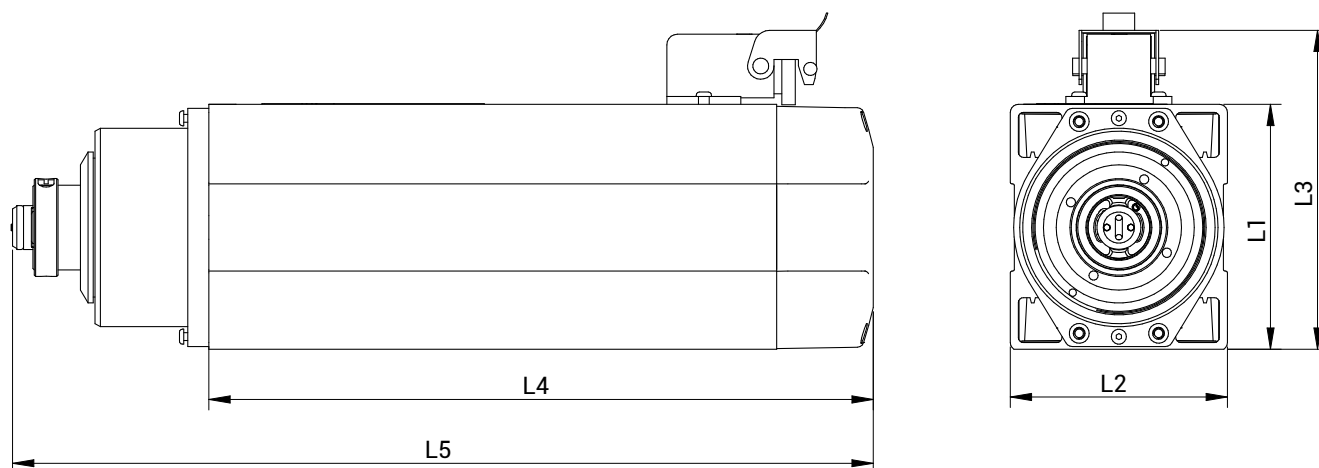


ROUTER
CNC

TECHNICAL DATA

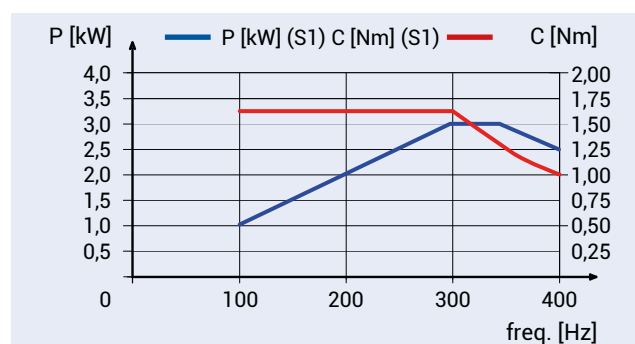
	MTR1073-120
	3kW
Body diameter [mm]	Ø82.5x92.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	1.6 / 1.9
Power S1/S6 (40%) [kW]	3 / 3.6
Rated Voltage	220 / 380
Tool interface	HSK C32
Cooling	Shaft driven fan / Electric fan
Weight [kg]	~ 8

DIMENSIONS



MTR1073-120	
3kW	
L1 (mm)	92,5
L2 (mm)	82
L3 (mm)	120,5
L4 (mm)	251
L5 (mm)	325

DIAGRAMS - POWER & TORQUE





MTR1090-140

Essential / Easy To Use / Reliable

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

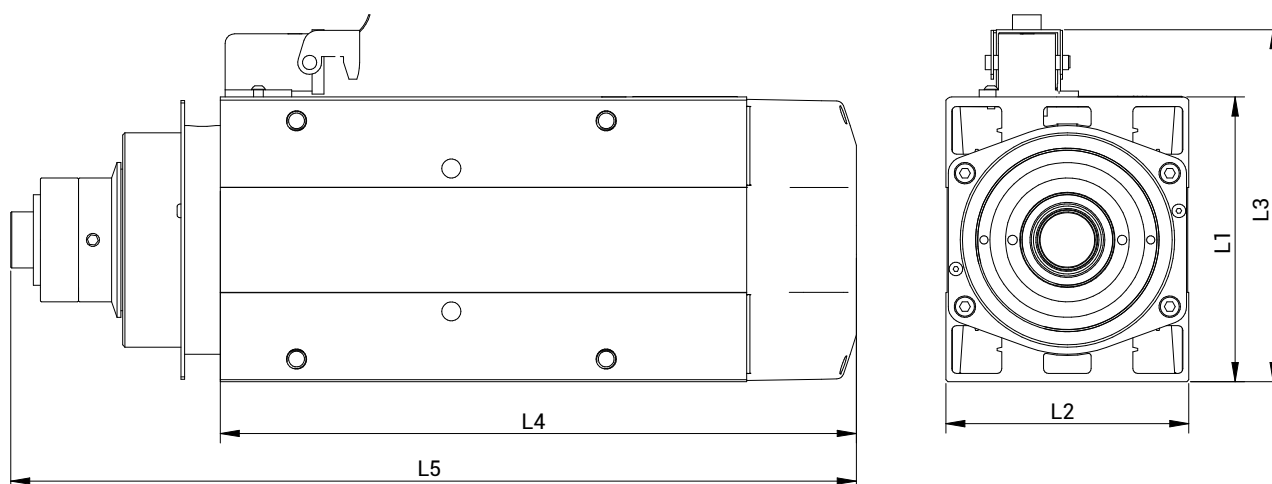


ROUTER
CNC

TECHNICAL DATA

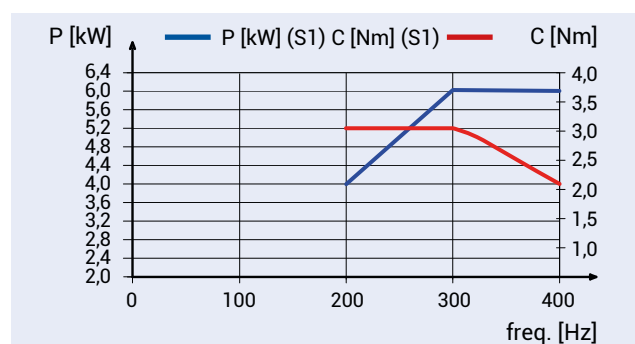
	MTR1090-140
	6kW
Body diameter [mm]	Ø102x119.5
Max speed [rpm] (grease / air-oil)	24000
Torque S1/S6 (40%) [Nm]	3.2 / 3.8
Power S1/S6 (40%) [kW]	6 / 7.2
Rated Voltage	220 / 380
Tool interface	HSK C40
Cooling	Shaft driven fan / Electric fan
Weight [kg]	15

DIMENSIONS



	MTR1090-140
	6kW
L1 (mm)	119,5
L2 (mm)	102
L3 (mm)	148
L4 (mm)	267
L5 (mm)	355

DIAGRAMS - POWER & TORQUE





MTR1120-170

Essential / Easy To Use / Reliable

MATERIALS



WOOD



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



EDGEBANDING
MACHINE



3 AXIS
MACHINE
CENTER



ROBOT

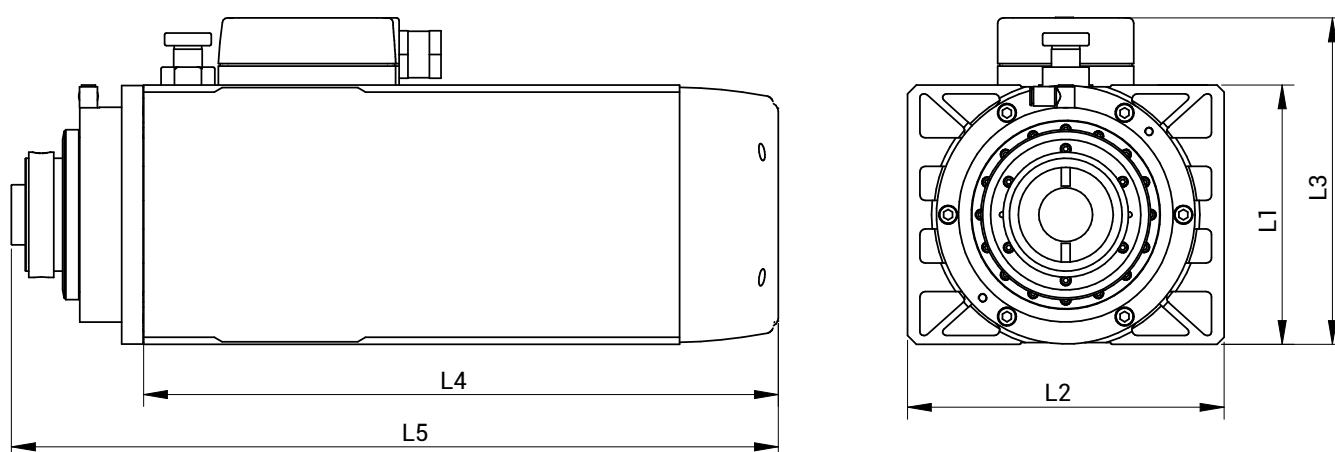


ROUTER
CNC

TECHNICAL DATA

	MTR1120-170
	8.1kW
Body diameter [mm]	Ø177x145
Max speed [rpm] (grease / air-oil)	9000
Torque S1/S6 (40%) [Nm]	12.9 / 15.4
Power S1/S6 (40%) [kW]	8.1 / 9.7
Rated Voltage	380
Tool interface	HSK C63
Cooling	Shaft driven fan / Electric fan
Weight [kg]	35

DIMENSIONS



	MTR1120-170
	8.1kW
L1 (mm)	145
L2 (mm)	177
L3 (mm)	182,5
L4 (mm)	355
L5 (mm)	428,5

DIAGRAMS - POWER & TORQUE

