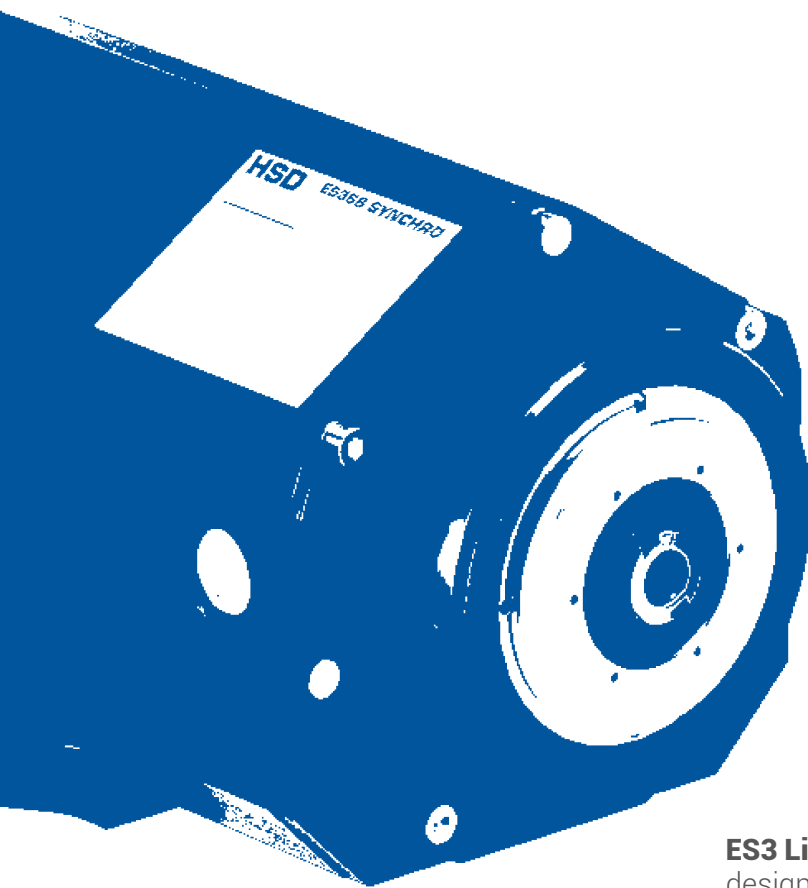




ES3 LINE

ES3 Line family includes the HSD high-speed electrospindles, designed and built to meet different machining needs matching precision and versatility. It is an excellent choice for those looking for high-performance milling solutions.

One of the strengths of the **ES3 Line** is the wide range of rotating speeds available.

These electrospindles reach top speeds from 24,000 rpm up to 50,000 rpm, making them ideal for high-speed applications to machine efficiently lightweight materials such as aluminum and composites.

These electrospindles are designed to be used in combination with birotative heads.

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE



WOOD

APPLICATIONS



MILLING



CUTTING



DRILLING



TAPPING

TARGET MACHINES



GANTRY &
PORTAL
CNC



3 AXIS
MACHINE
CENTER



5 AXIS
MACHINE
CENTER



VERTICAL
CNC



ROBOT



ROUTER
CNC



ES325

Fast / Compact / Accurate

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING



ROBOT



ROUTER
CNC



3 AXIS
MACHINE
CENTER

TARGET MACHINES

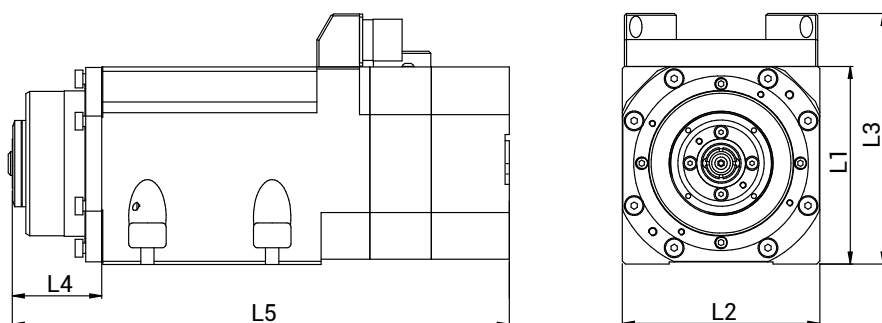
TECHNICAL DATA

	ES325
	2kW
Body dimension [mm]	95x95
Max speed [rpm]	50.000
Motor type	Asynchronous
Torque S1/S6 (40%) [Nm]	0.8 / 1
Power S1/S6 (40%) [kW]	2 / 2.4
Tool interface	HSK E25
Cooling	Liquid
Bearings lubrication	Grease
Weight [kg]	7

OPTIONAL

	ES325
	2kW
Coolant through shaft	No
Air tool	No
Vibration sensor	No
Thermal sensor on front bearings	No
Shaft kit	No
Aggregate anti-rotation flange	No
Encoder	No

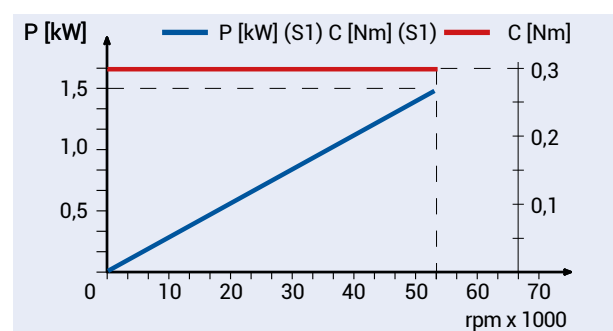
DIMENSIONS



	ES325
	2kW
L1 (mm)	95
L2 (mm)	95
L3 (mm)	120,5
L4 (mm)	43
L5 (mm)	239

DIAGRAMS - POWER & TORQUE

ES325 2kW 380V





ES326

Fast / Compact / Accurate

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING



ROBOT



ROUTER
CNC



3 AXIS
MACHINE
CENTER

TARGET MACHINES

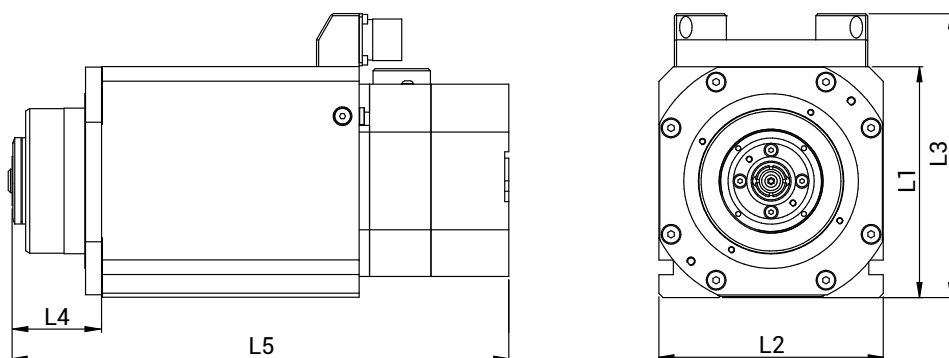
TECHNICAL DATA

	ES326
	4kW
Body dimension [mm]	108x111
Max speed [rpm]	50.000
Motor type	Asynchronous
Torque S1/S6 (40%) [Nm]	2.1 / 2.6
Power S1/S6 (40%) [kW]	4 / 4.8
Tool interface	HSK E25
Cooling	Liquid
Bearings lubrication	Grease
Weight [kg]	9,5

OPTIONAL

	ES326
	4kW
Coolant through shaft	No
Air tool	No
Vibration sensor	No
Thermal sensor on front bearings	No
Shaft kit	No
Aggregate anti-rotation flange	No
Encoder	No

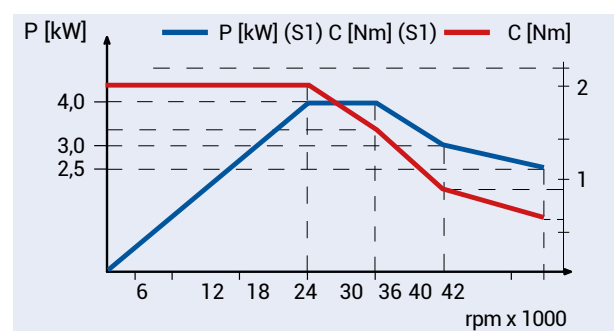
DIMENSIONS



	ES326
	4kW
L1 (mm)	111
L2 (mm)	108
L3 (mm)	136,5
L4 (mm)	43
L5 (mm)	239

DIAGRAMS - POWER & TORQUE

ES326 4kW 380V





ES327

Fast / Compact / Accurate

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



ROUTER
CNC



VERTICAL
CNC

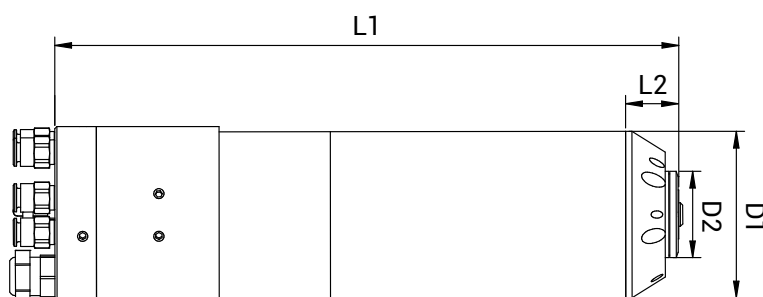
TECHNICAL DATA

	ES327
	3kW
Body dimension [mm]	Ø80
Max speed [rpm]	50.000
Motor type	Asynchronous
Torque S1/S6 (40%) [Nm]	1 / 1.3
Power S1/S6 (40%) [kW]	3 / 3.6
Tool interface	HSK E25
Cooling	Liquid
Bearings lubrication	Grease
Weight [kg]	8

OPTIONAL

	ES327
	3kW
Coolant through shaft	No
Air tool	No
Vibration sensor	No
Thermal sensor on front bearings	No
Shaft kit	No
Aggregate anti-rotation flange	No
Encoder	No

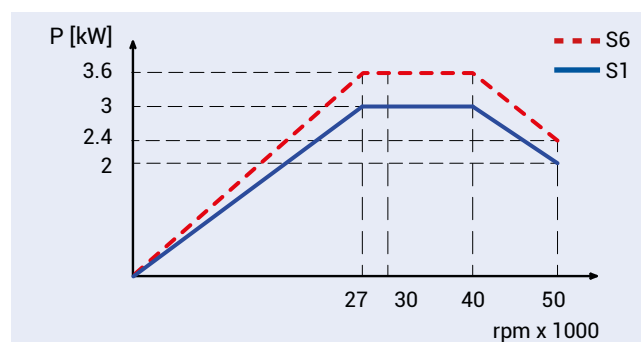
DIMENSIONS



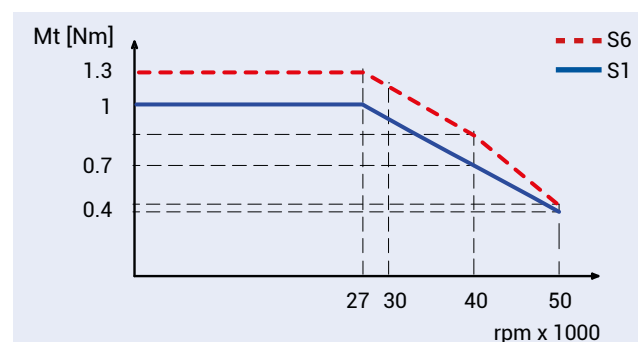
	ES327
	3kW
D1 (mm)	Ø80
D2 (mm)	Ø41,5
L1 (mm)	300
L2 (mm)	22,5

DIAGRAMS - POWER & TORQUE

ES327 3kW 380V



ES327 3kW 380V





ES330

Fast / Compact / Essential

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE



WOOD

APPLICATIONS



MILLING



CUTTING



DRILLING

TARGET MACHINES



ROUTER
CNC



VERTICAL
CNC



ROBOT

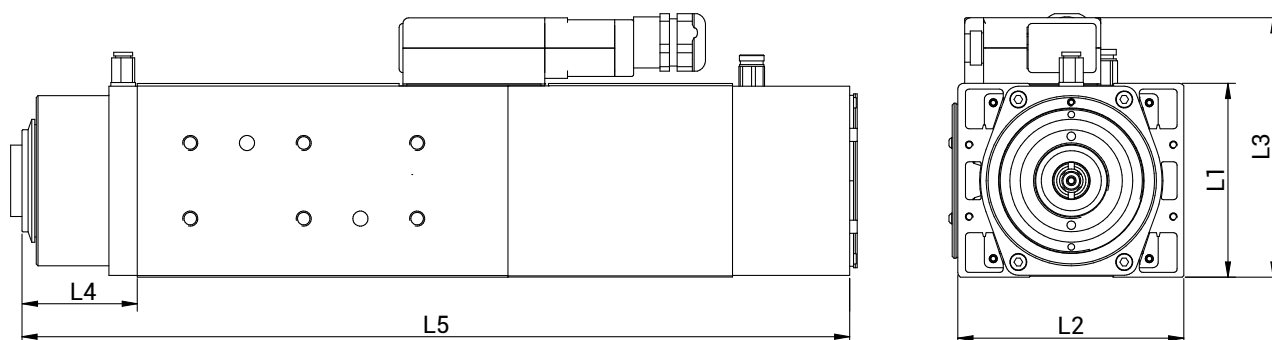
TECHNICAL DATA

	ES330
	4kW
Body dimension [mm]	119.5x102.5
Max speed [rpm]	24.000
Motor type	Asynchronous
Torque S1/S6 (40%) [Nm]	3.2 / 3.6
Power S1/S6 (40%) [kW]	4 / 4.5
Tool interface	ISO 30
Cooling	Electric fan
Bearings lubrication	Grease
Weight [kg]	15

OPTIONAL

	ES330
	4kW
Coolant through shaft	No
Air tool	No
Vibration sensor	No
Thermal sensor on front bearings	No
Shaft kit	No
Aggregate anti-rotation flange	No
Encoder	No

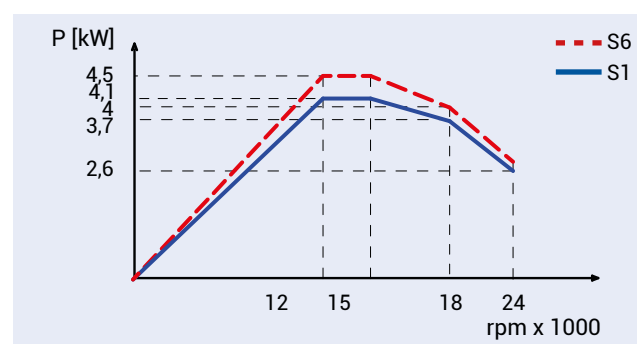
DIMENSIONS



	ES330
	4kW
L1 (mm)	102,5
L2 (mm)	119,5
L3 (mm)	137
L4 (mm)	67
L5 (mm)	447,8

DIAGRAMS - POWER & TORQUE

ES330 4kW 380V - 220V





ES350

Fast / Compact / Light

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING



TAPPING

TARGET MACHINES



ROUTER
CNC



3 AXIS
MACHINE
CENTER



ROBOT

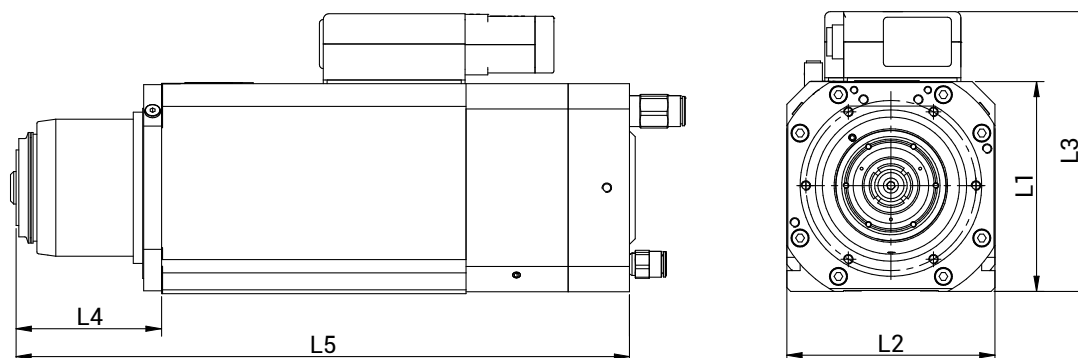
TECHNICAL DATA

	ES350 6.5kW	ES350 8kW
Body dimension [mm]	110x111	110x111
Max speed [rpm]	36.000	36.000
Motor type	Asynchronous	Asynchronous
Torque S1/S6 (40%) [Nm]	5.2 / 6.4	6.4 / 7.2
Power S1/S6 (40%) [kW]	6.5 / 8	8 / 9
Tool interface	HSK E40	HSK E40
Cooling	Liquid	Liquid
Bearings lubrication	Grease	Grease
Weight [kg]	15	15

OPTIONAL

	ES350 6.5kW	ES350 8kW
Coolant through shaft	No	No
Air tool	No	No
Vibration sensor	No	No
Thermal sensor on front bearings	No	No
Shaft kit	No	No
Aggregate anti-rotation flange	No	No
Encoder	Yes	Yes

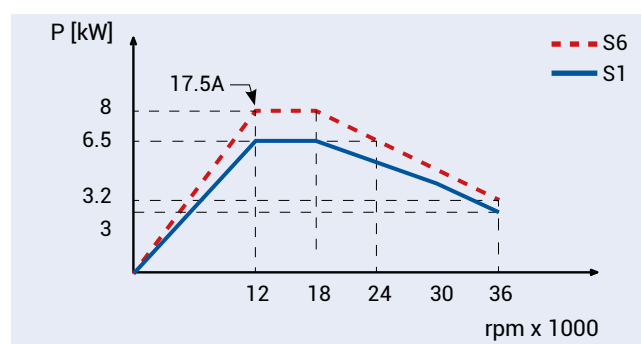
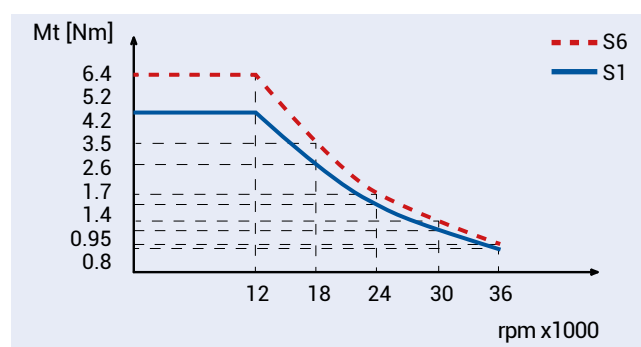
DIMENSIONS



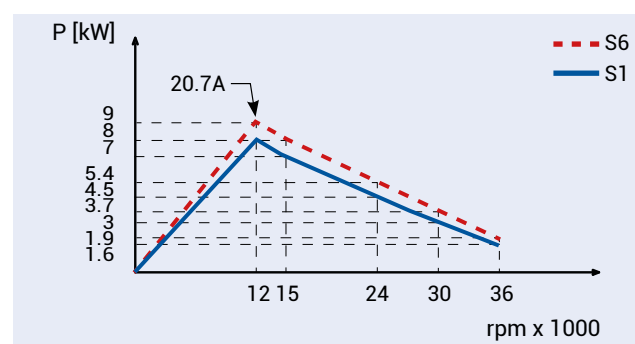
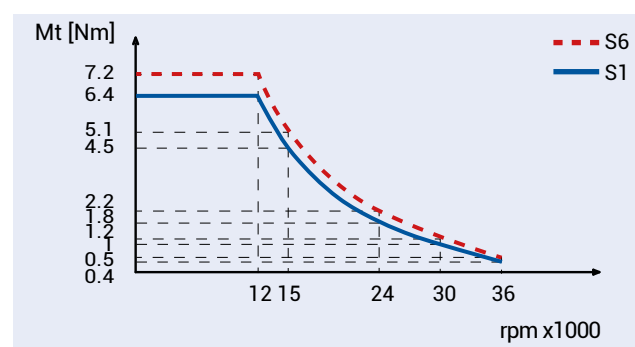
	ES350 6.5kW	ES350 8kW
L1 (mm)	111	111
L2 (mm)	110	110
L3 (mm)	148	148
L4 (mm)	77	77
L5 (mm)	380	380

DIAGRAMS - POWER & TORQUE

ES350 6.5kW 380V



ES350 8kW 380V





ES351

Fast / Compact / Light

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE

APPLICATIONS



MILLING



CUTTING



DRILLING



TAPPING

TARGET MACHINES



ROUTER
CNC



3 AXIS
MACHINE
CENTER



ROBOT

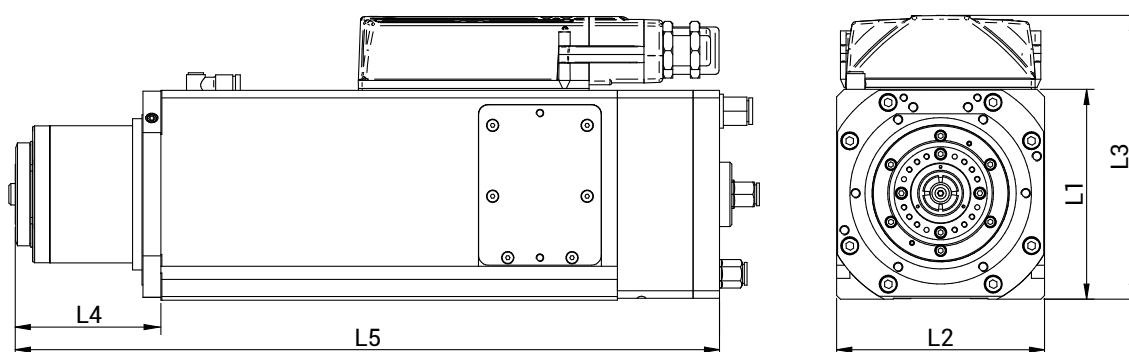
TECHNICAL DATA

	ES351
	6.5kW
Body dimension [mm]	110x111
Max speed [rpm]	40
Motor type	Asynchronous
Torque S1/S6 (40%) [Nm]	5.2 / 6,4
Power S1/S6 (40%) [kW]	6.5 / 7.5
Tool interface	HSK E32 / E40
Cooling	Liquid
Bearings lubrication	Grease
Weight [kg]	15

OPTIONAL

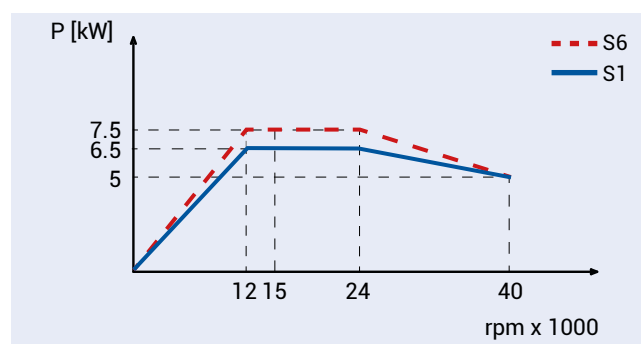
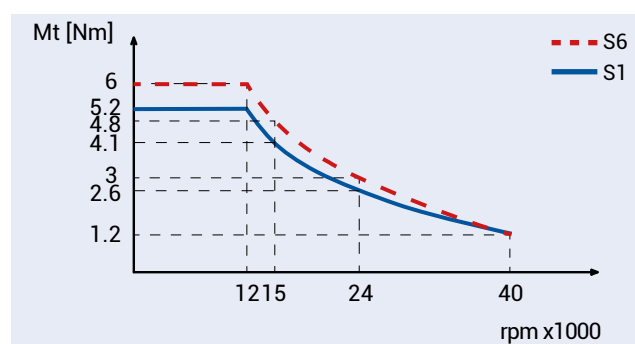
	ES351
	6.5kW
Coolant through shaft	No
Air tool	No
Vibration sensor	No
Thermal sensor on front bearings	No
Shaft kit	No
Aggregate anti-rotation flange	No
Encoder	Yes

DIMENSIONS



	ES351
	6.5kW
L1 (mm)	111
L2 (mm)	110
L3 (mm)	150
L4 (mm)	77
L5 (mm)	372,5

DIAGRAMS - POWER & TORQUE

ES351 6.5kW 380V - 220/380V

ES351 6.5kW 380V - 220/380V




ES368

Fast / Compact / Accurate

MATERIALS



LIGHT
ALLOY



PLASTIC &
COMPOSITE



WOOD

APPLICATIONS



MILLING



CUTTING



DRILLING



TAPPING

TARGET MACHINES



GANTRY &
PORTAL
CNC



3 AXIS
MACHINE
CENTER



5 AXIS
MACHINE
CENTER



ROBOT



ROUTER
CNC

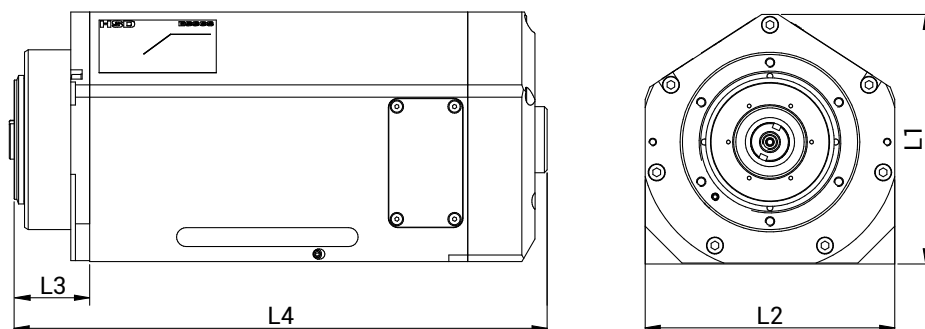
TECHNICAL DATA

	ES368 6,5kW	ES368 7kW	ES368 11kW
Body diameter [mm]	Ø132x132	Ø132x132	Ø132x132
Max speed [rpm]	36.000	20.000	24.000
Motor type	Asynchronous	Asynchronous	Synchronous
Torque S1/S6 (40%) [Nm]	3.4 / 4.1	5.6 / 6.9	8.7 / 10.3
Power S1/S6 (40%) [kW]	6.5 / 7.8	7 / 8.7	11 / 13.2
Tool interface	HSK E40	HSK F63	HSK F63
Cooling	Liquid	Liquid	Liquid
Bearings lubrication	Grease	Grease	Grease
Weight [kg]	20	20	20

OPTIONAL

	ES368 6,5kW	ES368 7kW	ES368 11kW
Coolant through shaft	No	No	No
Air tool	No	No	No
Vibration sensor	No	No	No
Thermal sensor on front bearings	No	No	No
Shaft kit	Yes	No	No
Aggregate anti-rotation flange	Yes	No	Yes
Encoder	Yes	Yes	Yes

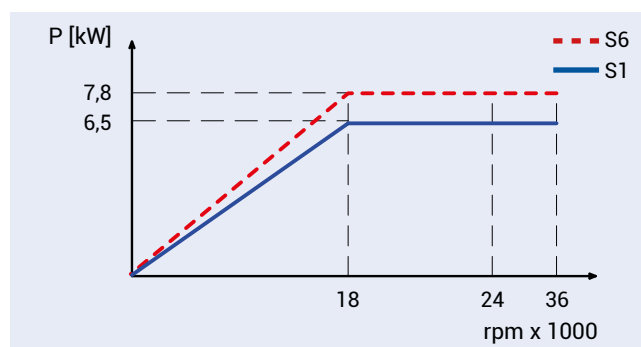
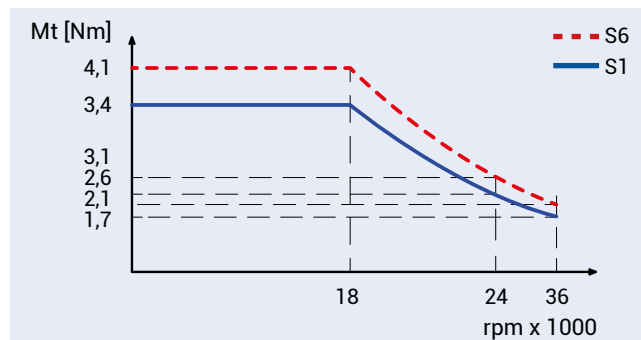
DIMENSIONS



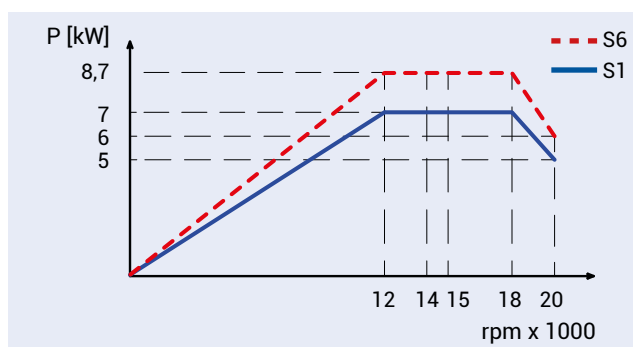
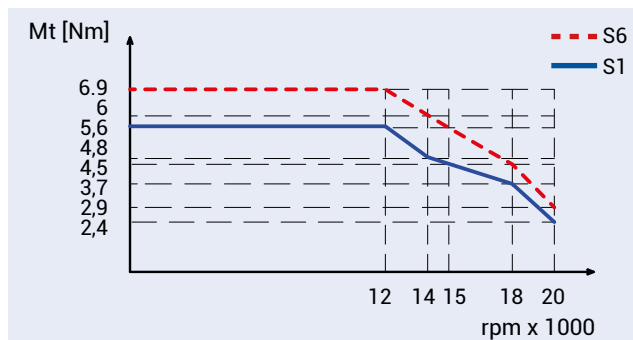
	ES368 6,5kW	ES368 7kW	ES368 11kW
L1 (mm)	132	132	132
L2 (mm)	132	132	132
L3 (mm)	55,5	40	40
L4 (mm)	311,5	282	311,5

DIAGRAMS - POWER & TORQUE

ES368 6.5kW 380V



ES368 7kW 380V



ES368 11kW 380V

