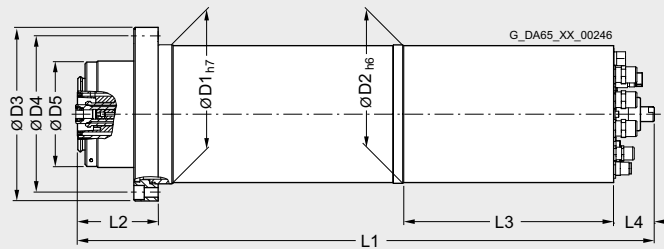
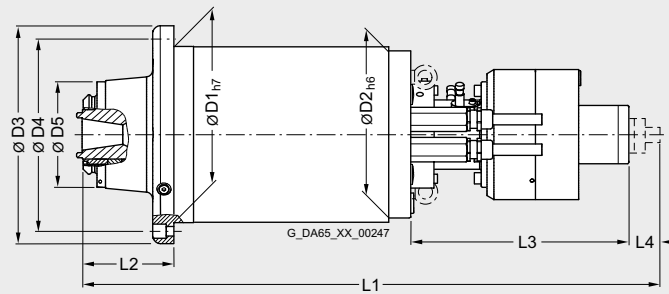


Synchronous motors

Dimension drawings

2SP1 ECS motor spindles Water cooling

For motor	Dimensions in mm (in)								
Type	D1	D2	D3	D4	D5	L1 ¹⁾	L2	L3	L4
2SP1, type IM B5, water cooling									
2SP1202	200 (7.88)	199 (7.84)	250 (9.85)	225 (8.87)	150 (5.91)	735 ⁴⁾ (28.94)	115.5 (4.55)	309 ⁴⁾ (12.17)	58 ⁴⁾ (2.28)
2SP1204						835 ⁴⁾ (32.87)			
2SP1253²⁾	250 (9.85)	237 (9.34)	310 (12.21)	275 (10.84)	150 (5.91)	813 (32.03)	124.4 (4.90)	310 (12.21)	43 (1.69)
2SP1255²⁾						913 (35.97)			
2SP1253³⁾						819 (32.27)	130.0 (5.12)		
2SP1255³⁾						919 (36.21)			

2SP120**2SP125**

1) The spindle is approx. 43 mm (1.69 in) shorter without turning bushing.

2) HSK A63 tool interface.

3) SK40, CAT40, BT40 tool interfaces.

4) Spindle length L1 is approx. 118 mm (4.65 in) shorter, L3 approx. 147 mm (5.79 in) shorter and L4 approx. 30 mm (1.18 in) longer with a hydraulic tool clamping device.