

Electric drilling units

STX5 series

Compact, economical and rigid units suitable for boring process.



Models	Spindle Rotation Speed	Motor Specifications		
	50 Hz	5.5 kW 2 Poles	4.0 kW 2 Poles	3.0 kW 2 Poles
	min ⁻¹	Motor Torque [N.m]	Motor Torque [N.m]	Motor Torque [N.m]
STX5-2-5590H	9,000	5.95	4.32	3.24
STX5-2-5575H	7,500	7.14	5.20	3.89
STX5-2-5560H	6,000	8.93	6.50	4.87
STX5-2-5550H	5,000	10.71	7.80	5.84
STX5-2-5537H	3,700	14.29	10.38	7.79
STX5-2-5530H	3,000	17.86	12.98	9.74
STX5-2-5524H	2,400	22.32	16.24	12.17
STX5-2-5518H	1,800	29.76	21.64	16.23
STX5-2-5515H	1,500	35.71	25.98	19.48

Models	Spindle Rotation Speed	Motor Specifications		
	50 Hz	3.0 kW 6 Poles	2.2 kW 6 Poles	1.5 kW 6 Poles
	min ⁻¹	Motor Torque [N.m]	Motor Torque [N.m]	Motor Torque [N.m]
STX5-6-3030H	3,000	9.74	7.14	4.87
STX5-6-3025H	2,500	11.68	8.57	5.84
STX5-6-3020H	2,000	14.61	10.71	7.31
STX5-6-3016H	1,600	18.26	13.39	9.13
STX5-6-3012H	1,200	24.36	17.85	12.17
STX5-6-3010H	1,000	29.22	21.41	14.61
STX5-6-3008H	800	36.52	26.78	18.26
STX5-6-3006H	600	48.71	35.71	24.35
STX5-6-3005H	500	58.44	42.85	29.22

Notes:

1. Model selection should be done from the above chart, based on workpiece specifications, diameter of hole and cutting speed.
2. Motor output is 5.5kW, 2 Poles or 3.0kW, 6 Poles. Optional motor is available to reduce energy consumption.
3. "H" stands for HSK63 spindle. "B" or "C" is applied at the end of the model when BT40 or ER32 is required.
4. "55" and "30" represent 5.5kW and 3.0kW. This can be substituted by other motor output. For example 22 represents 2.2kW.
5. "2" and "6" represent 2 poles and 6 poles. Please distinguish models with same motor power.
6. When ordering, please indicate the required motor voltage and frequency.
7. The dimensional drawing below is for the standard HSK63 spindle.

Dimensions

