

MACHINE TOOLING TECHNOLOGY

OVERVIEW OF SERIES

MOTOR SPINDLE	Motor technology	Nominal output S1	Rated torque S1
ELECTRIC FAN			
Series HF145-001	Asynchronous	6.0 kW - 11.8 kW	4.9 Nm - 9.6 Nm
LIQUID			
Series HF125-002	Asynchronous	9.0 kW - 12.0 kW	7.3 Nm - 9.0 Nm
Series HF150-00X	Asynchronous / Synchronous	14.5 kW - 20.0 kW	14.3 Nm - 18.5 Nm
Series HF205-006	Asynchronous / Synchronous	34.0 kW - 48.0 kW	83.7 Nm - 153.0 Nm
SPN ZERO-POINT CLAMPING SYSTEM	Operating pressure	Pull-in force	Pull-in force with PLUS connection
PNEUMATIC			
Series Advanced	4 bar - 7 bar	1.0 kN - 18.0 kN	2.5 kN - 36.0 kN
Series Standard	4 bar - 7 bar	1.0 kN - 18.0 kN	2.5 kN - 36.0 kN
CLAMPING PLATE	Operating pressure	Pull-in force	Pull-in force with PLUS connection
PNEUMATIC			
Series SPP	4 bar - 7 bar	1.0 kN - 18.0 kN	2.5 kN - 36.0 kN
PALLET CHANGER	Operating pressure	Pull-in force	Pull-in force with PLUS connection
PNEUMATIC			
Series SPP	4.5 bar - 7 bar	10.0 kN	22.0 kN

Maximum speed	Tool interface	Encoder	Weight	UL	CE	UKCA	LABS	REACH	RoHS
24000 1/min	HSK-C50 / HSK-F63	1Vss 256	17 kg - 32 kg	●	●	●	●	●	●
24000 1/min	HSK-F63 / HSK-T50	1Vss 256	13 kg - 19 kg	●	●	●	●	●	●
24000 1/min - 26000 1/min	HSK-F63	1Vss 256	25 kg - 38 kg	●	●	●	●	●	●
6000 1/min - 14000 1/min	HSK-A63	1Vss 360	130 kg	●	●	●	●	●	●
Retention force max.	Contact monitoring	Contact monitoring	Weight	UL	CE	UKCA	LABS	REACH	RoHS
25 kN - 75 kN	Yes	pneumatic	0.39 kg - 3.2 kg	●	●	●	●	●	●
25 kN - 75 kN	No		0.39 kg - 3.2 kg	●	●	●	●	●	●
Retention force max.	Contact monitoring	Contact monitoring	Weight	UL	CE	UKCA	LABS	REACH	RoHS
25 kN - 75 kN	No		5.4 kg - 85 kg				●	●	●
Rotation prevention	Air cleaning	Piston position sensing	Weight	UL	CE	UKCA	LABS	REACH	RoHS
Yes	Yes	electric	2.4 kg				●	●	●