

HSM

INTEGRATED SYNCHRONOUS MOTOR SPINDLE



Advantages:

REFRIGERATED WATER COOLING SYSTEM

HSK CONFIGURATION TOOL INTERFACE

AUTOMATIC TOOL CLAMPING SYSTEM

MOUNTING DIMENSIONS ACCORDING TO CUSTOMER REQUEST

STEEL OR CERAMIC BEARINGS WITH OIL/AIR LUBRICATION OR GREASE LUBRICATION

COMPATIBILITY WITH CONTROL DEVICES OF VARIOUS PRODUCERS

Technical data:

	HSM090SB	HSM090SC	HSM105SB	HSM105SC	HSM115SA	HSM115SB	HSM115SC
Flange diameter (mm)	180	180	255	255	280	280	280
Housing diameter (mm)	150	150	200	200	220	220	220
Tool interface	HSK A40	HSK A40	HSK A50	HSK A50	HSK A63	HSK A63	HSK A63
Rated values							
Rated power (kW)	6,3	11	30	41	15,5	28	38
Rated torque (Nm)	10	13	42	56	42	63	84
Rated speed (rpm)	6000	8000	6800	7000	3500	4200	4300
Peak values							
Peak power (kW)	8	12	30	41	15,5	28	38
Peak torque (Nm)	12,5	18	58,5	78	55	83	110
Max. speed (rpm)	20000	20000	20000	18000	18000	18000	18000
Intermittent loading (%)	40	40	40	40	40	40	40