



# MEDIUM SIZED MOTOR SPINDLES *MITTLERE MOTORSPINDELN*

Ø60mm - 140mm | HF62 - HF140

				HF 62 A 50	HF 62 A 60 P	HF 62 A 70 P	HF 62 A 140	HF 80 A 30	HF 80 A 40	HF 100 A 40	HF 100 A 45	HF 100 A 50	HF 110 A 30	HT 114 A 30 P	HF 120 A 24	HF 120 A 36	HT 120 A 72	HF 140 A 30	
Speed <i>Drehzahl</i>	Oil-air <i>Öl-Luft</i>	C	min <sup>-1</sup>				130'000	60'000	50'000	40'000	50'000	60'000	30'000		36'000	42'000	68'000	36'000	
	CC-grease <i>CC-Fett</i>	CCP	min <sup>-1</sup>			70'000		42'000	50'000	38'000	45'000	45'000	28'000		30'000	32'000		28'000	
	Grease <i>Fett</i>	CP	min <sup>-1</sup>	50'000	60'000	60'000	100'000	38'000	40'000	30'000	40'000	40'000	24'000	20'000	24'000	24'000		24'000	
HF <i>Asynchronous</i> <i>Asynchron</i>	Power <i>Leistung</i>	S6-40%	kW	2.3	2.6	1.2*/2.0	0.88	4.3	3.2	7.8	6.5/7.8	5.8	10.8		16.9	16.9		32.5	
		S1	kW	1.7	2.0	0.9*/1.5	0.67	3.3	2.5	6.0	5.0/6.0	4.5	8		13.0	13.0		25.0	
	Torque <i>Drehmoment</i>	S6-40%	Nm	0.44	0.44	0.20	0.07	1.4	0.80	3.1	2.1/3.1	1.1	8.1		6.3	6.3		13.2	
		S1	Nm	0.33	0.33	0.15	0.05	1.1	0.80	2.4	1.6/2.4	0.8	6.0		4.8	4.8		10.1	
HT <i>Synchronous</i> <i>Synchron</i>	Power <i>Leistung</i>	S6-40%	kW					4.3 <sup>1</sup>	4.3 <sup>1</sup>	13.6	9.1 <sup>1</sup>			15.0			18.2 <sup>1</sup>	15.0	28.6/27.0 <sup>1</sup>
		S1	kW					3.3 <sup>1</sup>	3.3 <sup>1</sup>	10.5	7.0 <sup>1</sup>			11.5			14.0 <sup>1</sup>	11.5	22.0/21.0 <sup>1</sup>
	Torque <i>Drehmoment</i>	S6-40%	Nm					2.1 <sup>1</sup>	2.1 <sup>1</sup>	5.2	5.3 <sup>1</sup>			14.3			14.2 <sup>1</sup>	3.6	21.9/25.8 <sup>1</sup>
		S1	Nm					1.6 <sup>1</sup>	1.6 <sup>1</sup>	4.0	4.1 <sup>1</sup>			11.1			11.0 <sup>1</sup>	2.7	16.0/20.1 <sup>1</sup>
Qty. of ball bearings <i>Anz. der Kugellager</i>				4	4	2/3/4	4	4	4	4	4	4	4	4	4	4	4	4	4
Taper <i>Konus</i>	SKI DSC-P	A		P10 (max. Ø8)		P9 (max. Ø6.35)		P6 (max. Ø4)		SKI20		SKI25						SKI30	
	(B)BT/SK	B											30		30				
	HSK	K		C/E25				E25 C/E32 F40	C/E25 F32	C/E32 F40	C/E32 F40	C/E32 F40	E40 F50	C/E40 F50	C/E40 F50	C/E40 F50	E25 C/E32	E40 A/C/E50 F40	
	Collet <i>Spannzange</i>	S			ER16		ER8	ER20	ER16	ER25	ER20	D20			ER25	ER25		ER32	
	Grinding Arbor <i>Schleifdorn</i>	D						M10 (Ø23/38)	M10 (Ø11)			M16 (Ø18)	M10 (Ø11)	M10 (Ø11)		M22 (Ø23)	M22 (Ø23)	M12 (Ø14)	M22 (Ø23)
Dimension <i>Größe</i>	Ø		mm	61.9	61.9	61.9	61.9	80	80	100	100	100	110	114	120	120	120	140/160	
	Length <i>Länge</i>		mm	217	250	240	170	355	298	333	333	299	320 - 415	440	380 - 474	381	309	419	
	Weight <i>Gewicht</i>		kg	3.7	4.4	3.7	2.0	8.0	7.3	13.8	11.1	12.0	16.9 - 22.2	18.9	23.6	22.5	28.5	31.8	
Configuration <i>Ausstattung</i>	Cooling <i>Kühlung</i>			Liquid <i>Flüssigkeit</i>			Optional	Liquid <i>Flüssigkeit</i>											
	Options <i>Optionen</i>			I P V	P	P	P	FGHIK Mn P V W	FGHIK Mn P V W	FGHIK Mn P V W	FGHIK Mn P V W	FGHIK Mn P V W	HIK P V W	HIK P V W	HIK P V W	FGHIK Mn P V W	FHIK P V	FGHIK Mn P R V W	

\*The heat must be dissipated via spindle holder. Maximum external housing temperature 60°C. | \*Spindle motor with reduced speed.  
 \*Die Wärmeableitung muss über den Spindelhalter erfolgen. Maximale Gehäusetemperatur 60°C. | \*Spindelmotor mit reduzierter Drehzahl.

Alternative motor spindle configurations on request. *Alternative Motorspindelkonfigurationen auf Anfrage.*