

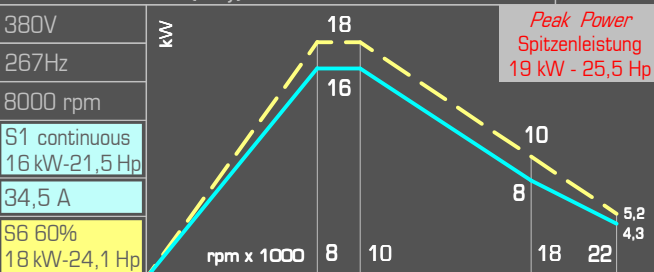
HSD ES 789L 4P 18,00kW H1

MECHATRONIC DIVISION *Liquid cooling* Flüssigkeitsgekühlt

HSD S.p.A www.hsd.it
Via della Meccanica, 16
61100 PESARO (Italy)

ASYNCHRONOUS
3-PHASE MOTOR
DREHSTROM-
ASYNCHRONMOTOR

H1423H0211
Ta: 20°C
Ins.Cl. F

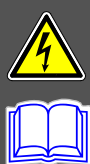


380V
267Hz
8000 rpm
S1 continuous
16 kW-21,5 Hp
34,5 A
S6 60%
18 kW-24,1 Hp

MAX RPM

18000	22000
○	○
○	○
○	○
○	○

Poles: 4 IP 54
Cosφ = 0,7 36 Kg ○
η = 0,8 42 Kg ○



PEAK CURRENT

120 A	500 ms
145 A	15 ms
170 A	5 ms

H1423H0211 Rev.03 (2120H0120)

Tensione nominale (*)	Nennspannung (*)	Rated voltage (*)	V	380	380	380	380									
Frequenza nominale	Nennfrequenz	Rated frequency	Hz	267	333	600	733									
Velocità nominale	Nominale Geschwindigkeit	Rated speed	rpm	8000	10000	18000	22000									
Tipo di servizio	Betriebsart	Duty type		S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%					
Potenza nominale	Nennleistung	Rated power	kW	16	18	16	18	8	10	4.3	5.2					
Coppia nominale	Nenn Drehmoment	Rated torque	Nm	19	21.5	15.3	17.2	4.2	5.3	1.9	2.3					
Corrente nominale	Nennstrom	Rated current	A	34.5	45	34.5	45	18	26	8	11					
Rendimento nominale η	Nennwirkungsgrad η	Rated efficiency η														0,8
Fattore di potenza cos φ	Leistungsfaktor cos φ	Power factor cos φ														0,7
Numero di poli	Polzahl	Number of poles														4
Classe di isolamento	Isolierklasse	Insulation class														F
Tipo di raffreddamento	Kühlungstyp	Type of cooling														Raffreddamento a liquido / Flüssigkeit / Liquid cooling
Peso versione NASO LUNGO	Gewicht Version LANGE NASE	Weight of LONG NOSE variant	kg													36
Peso versione con DISTRIBUTORE	Gewicht Version DISTRIBUTOR	Weight of DISTRIBUTOR variant														42

[(*) fornita da inverter] [(*) from Inverter] [(*) from inverter]

ATTACCO PORTAUTENSILE WERKZEUGHALTER TOOL HOLDER	CUSCINETTI ANTERIORI VORDERE LAGER FRONT BEARINGS	CUSCINETTI POSTERIORI HINTERE LAGER REAR BEARINGS	VELOCITÀ MASSIMA MAX. DREHZAHL MAX SPEED
HSK F63	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	18000rpm
HSK F63	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	22000rpm