

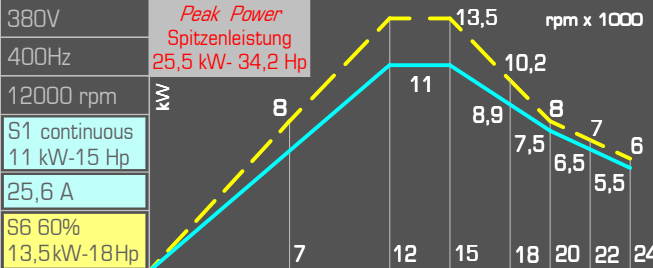
HSD ES 988A 4P 13,50kW H1

MECHATRONIC DIVISION *Air cooling Luftgekühlt* H1423H0198

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

ASYNCHRONOUS
3-PHASE MOTOR
DREHSTROM-
ASYNCHRONMOTOR

Ta: 20°C
Ins. Cl. F



380V
400Hz
12000 rpm
S1 continuous
11 kW-15 Hp
25,6 A
S6 60%
13,5kW-18Hp

MAX RPM

<input type="radio"/>	18000	<input type="radio"/>
<input type="radio"/>	20000	<input type="radio"/>
<input type="radio"/>	22000	<input type="radio"/>
<input type="radio"/>	24000	<input type="radio"/>

Poles: 4 IP 54
Cosφ = 0,88 36 Kg
η = 0,86 39 Kg

ALSO PREMIERE DRUCKEN
Manual unlocking of tool-holder
Sbloccaggio manuale come portautensile
Manuelles Abspannen des Werkzeughalters



IEC 60034-1

UL-MH26206

1423H0198 Rev.01 (SP.120.150.45)

Tensione nominale (*)	Nennspannung (*)	Rated voltage (*)	V	225	380	380	380	380	380	380	380	
Frequenza nominale	Nennfrequenz	Rated frequency	Hz	233	400	500	600	667	733	800	800	
Velocità nominale	Nominale Geschwindigkeit	Rated speed	rpm	7000	12000	15000	18000	20000	22000	24000	24000	
Tipo di servizio	Betriebsart	Duty type		S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%
Potenza nominale	Nennleistung	Rated power	kW	8	11	13.5	11	13.5	8.9	10.2	7.5	8
Coppia nominale	Nennmomento	Rated torque	Nm	10,9	8,8	10,7	7,0	8,6	4,7	5,4	3,6	3,8
Corrente nominale	Nennstrom	Rated current	A	32	25,6	31,5	26,2	32	25,4	30	18,6	19,8
Rendimento nominale η	Nennwirkungsgrad η	Rated efficiency η							0,86			
Fattore di potenza cos φ	Leistungsfaktor cos φ	Power factor cos φ							0,88			
Numero di poli	Polzahl	Number of poles							4			
Classe di isolamento	Isolierklasse	Insulation class							F			
Tipo di raffreddamento	Kühlungstyp	Type of cooling							Elettroventola / Elektrolüfter / Cooling fan			
Peso versione NASO CORTO	Gewicht Version KURZE NASE	Weight of SHORT NOSE variant	kg						~ 36			
Peso versione NASO LUNGO	Gewicht Version LANGE NASE	Weight of LON NOSE variant	kg						~ 39			

(*) fornita da inverter}

(*) von Inverter geliefert}

(*) 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	ACCIAIO / STAHL / STEEL	ACCIAIO / STAHL / STEEL	18000rpm
HSK F63	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	20000rpm
HSK F63	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	22000rpm
HSK F63	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	24000rpm
ISO30	ACCIAIO / STAHL / STEEL	ACCIAIO / STAHL / STEEL	18000rpm
ISO30	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	20000rpm
ISO30	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	22000rpm
ISO30	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	24000rpm