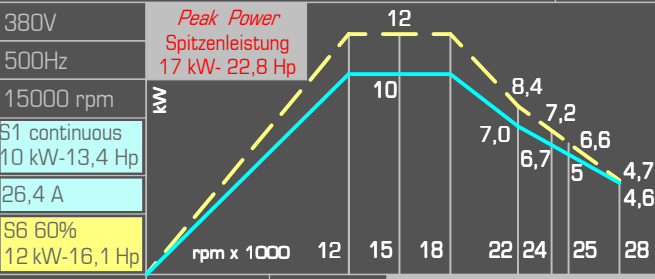


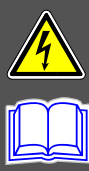
# HSD ES 779L 4P 12,00kW H1

MECHATRONIC DIVISION Flüssigkeitsgekühlt Liquid cooling

HSD S.p.A www.hsd.it ASYNCHRONOUS 3-PHASE MOTOR Ta: 20°C  
 Via della Meccanica, 16 DREHSTROM-ASYNCHRONMOTOR Ins. Cl. F  
 61100 PESARO (Italy)



Poles: 4	IP 54	<b>MAX RPM</b>
cos φ = 0,85	26 Kg ○	
η = 0,85	30 Kg ○	



H1423H0212 Rev.03 (SP.120.80.44)

Tensione nominale (*)	Nennspannung (*)	Rated voltage (*)	V	310	380	380	380	380	380	380							
Frequenza nominale	Nennfrequenz	Rated frequency	Hz	400	500	600	733	800	833	933							
Velocità nominale	Nominale Geschwindigkeit	Rated speed	rpm	12000	15000	18000	22000	24000	25000	28000							
				S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%	S1 cont	S6 60%
Potenza nominale	Nennleistung	Rated power	kW	10	12	10	12	10	12	7	8,4	6,7	7,2	5	6,6	4,6	4,7
Coppia nominale	Nenn Drehmoment	Rated torque	Nm	8	9,6	6,4	7,6	5,3	6,4	3	3,7	2,7	2,9	1,8	2,5	1,6	1,6
Corrente nominale	Nennstrom	Rated current	A	31	37,5	26,4	31,5	26	31	20	24	18,6	20	13,7	18	12	12,5
Rendimento nominale η	Nennwirkungsgrad η	Rated efficiency η		0,85													
Fattore di potenza cos φ	Leistungsfaktor cos φ	Power factor cos φ		0,85													
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 CORTO	Gewicht Version KURZE NASE	Weight of SHORT NOSE variant	kg	26													
Peso versione NASO LUNGO	Gewicht Version LANG NASE	Weight of LONG NOSE variant	kg	30													

[(\*)] fornita da inverter [(\*)] von Inverter geliefert [(\*)] from inverter

**Versioni disponibili - Verfügbare Versionen - Available models**

ATTACCO PORTAUTENSILE	CUSCINETTI ANTERIORI	CUSCINETTI POSTERIORI	VELOCITÀ MASSIMA
WERKZEUGHALTER	VORDERE LAGER	HINTERE LAGER	MAX. DREHZAHL
TOOL HOLDER	FRONT BEARINGS	REAR BEARINGS	MAX SPEED
HSK A63	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	18000rpm
HSK E63	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	18000rpm
HSK F63	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	22000rpm
HSK E40 - F50	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	24000rpm
HSK F63	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	25000rpm
HSK E40 - F50	CERAMICI / KERAMIK / CERAMIC	CERAMICI / KERAMIK / CERAMIC	28000rpm