

# HSD ES 884L 4P 18,00kW H1

H1423H0292  
Flüssigkeitsgekühlt *Liquid cooling*

HSD S.p.A www.hsd.it  
Via della Meccanica, 16  
61122 PESARO (Italy)

ASYNCHRONOUS  
3-PHASE MOTOR  
DREHSTROM-  
ASYNCHRONMOTOR

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

Poles: 4

Cosφ = 0,7

η = 0,8

IP 54

Kg ○

57 Kg ○

MAX RPM

○ 12000 ○

○ 15000 ○

○ 18000 ○

○ ○

IEC 60034-1

UL-MH26206

H1423H0292 Rev.03 ( 120.150.4A )

Tensione nominale (*)	Nennspannung (*)	Rated voltage (*)	V	380	380	380	380	380					
Frequenza nominale	Nennfrequenz	Rated frequency	Hz	267	333	400	500	600					
Velocità nominale	Nominale Geschwindigkeit	Rated speed	rpm	8000	10000	12000	15000	18000					
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	16,0	18,0	16,0	18,0	14,0	16,0	11,0	13,0	8,0	10,0
Coppia nominale	Nennmoment	Rated torque	Nm	19	21,5	15,3	17,2	11,1	12,7	7,0	8,3	4,2	5,3
Corrente nominale	Nennstrom	Rated current	A	34,5	45	34,5	45	30,2	40,0	23,7	32,6	18,0	26,0
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									
Classe IP	IP Klasse	IP class		54									
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	~ 57									

[(\*) fomita 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 F80	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	12000 rpm
HSK E63	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	15000 rpm
HSK E63	CERAMICI / KERAMIK / CERAMIC	ACCIAIO / STAHL / STEEL	18000 rpm