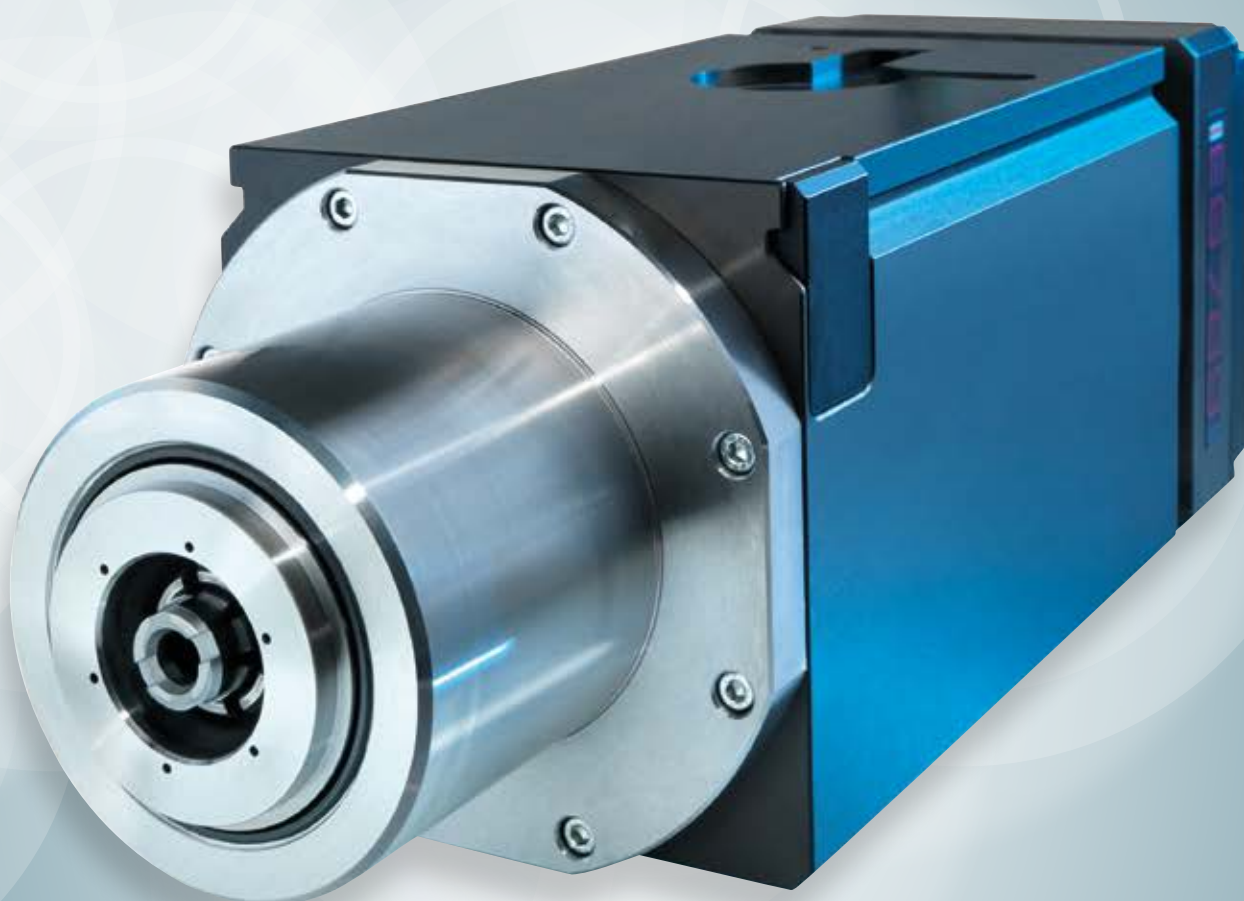




Elettromandrini per 3&5 Assi e Applicazioni su Robot
Electrospindles for 3&5 Axis and Robotic Integrations

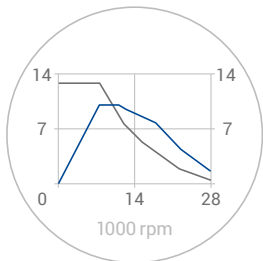
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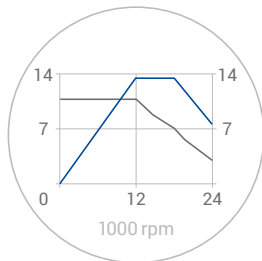
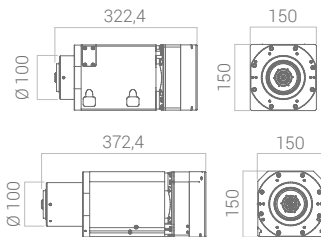

Serie 700
Range 700



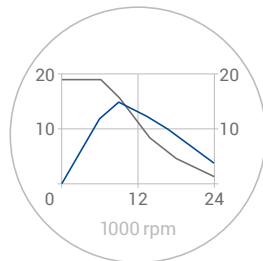
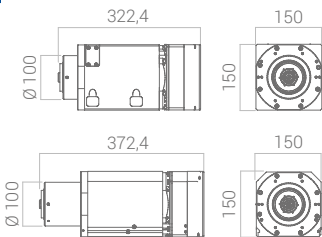
ELETTROMANDRINI ELECTROSPINDLES		ES779 HSK F63/F50/E40	ES779 HSK F63/A63	ES789 HSK F63/A63
Potenza S1/S6 Power S1/S6	kW	10/12	13,5/16,2	15/18
Coppia S1/S6 Torque S1/S6	Nm	12,7/15,3	10,7/12,9	19,1/20,9
Tecnologia Motore Motor Technology		Asynchronous	Asynchronous	Asynchronous
Sbloccaggio Utensile Tool Release		Pneumatic	Pneumatic	Pneumatic
Tensione Nominale Rated Voltage	V	220/380 or 380	380	220/380 or 380
Opzione Encoder Option Encoder		LB 1 Vpp or TTL	LB 1 Vpp or TTL	LB 1 Vpp or TTL
Poli Poles		4	4	4
Cuscinetti Anter./ Posteriori Front/ Rear Bearings		Ceramics	Ceramics	Ceramics or Ceramic/Steel
Lubrificazione Cuscinetti Bearings Lubrication		Grease	Grease	Grease
Frequenza Massima Max Frequency	Hz	500/600/800/833/933	600/800	600/800
Velocità Massima Max Speed	rpm	15000 (E63) 18000 (A63) 24000 (F63/F50) 25000 (F63) 28000 (F50/E40)	18000 (A63) 24000 (F63)	18000 (A63) 24000 (F63)
Velocità Nominale Rated Speed	rpm	7500	12000	9000
Peso Weight	kg	~26/~30	~26/~30	~36
Opzione distributore Option Coolant Through Shaft		-	-	High pressure
Raffreddamento Cooling		Liquid	Liquid	Liquid



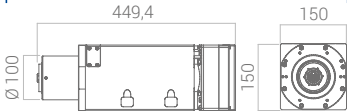
— [kW] S1
— [Nm] S1



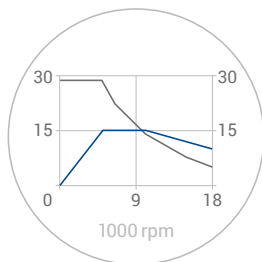
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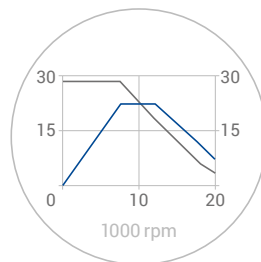
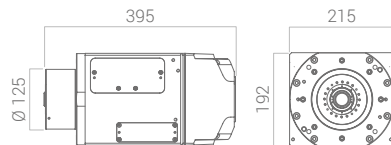
— [kW] S1
— [Nm] S1



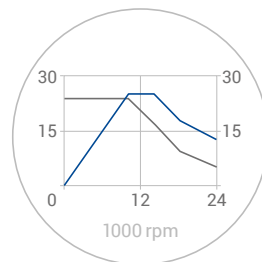
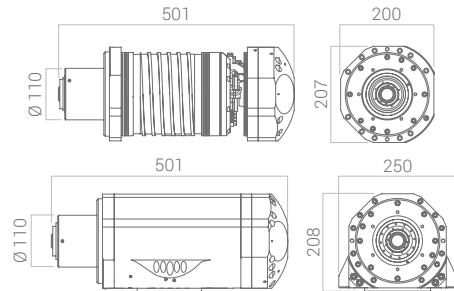
ES793 HSK A63	ES798 HSK A63	ES789 HSK F63/A63
15/18	22/25	25/30
28,7/34,4	28/32	23,9/28,6
Asynchronous	Asynchronous	Asynchronous
Pneumatic	Pneumatic	Pneumatic
380	350	380
LB 1 Vpp or TTL	LB 1 Vpp or TTL	LB 1 Vpp
6	4	4
Ceramics or Ceramic/Steel	Ceramics or Ceramic/Steel	Ceramics
Grease	Grease	Grease
900	633	800
18000	20000	24000
5000	7500	10000
~42	~60+10	~36
High Pressure	High Pressure	High pressure
Liquid	Liquid	Liquid



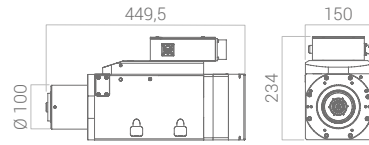
— [kW] S1
— [Nm] S1



— [kW] S1
— [Nm] S1



— [kW] S1
— [Nm] S1

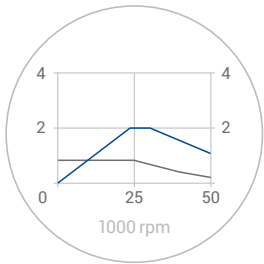


Serie ES300 & ES800
Range ES300 & ES800

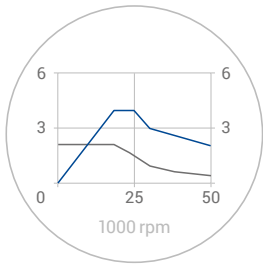


ELETTROMANDRINI
ELECTROSPINDLES

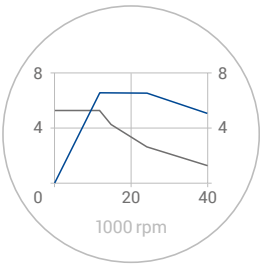
		ES325 HSK E25	ES326 HSK E25	ES351 HSK E32	ES350 HSK E40/F50	ES368 HSK E40/F50	ES368 HSK F63	ES350 HSK E40/F50
Potenza S1/S6 Power S1/S6	kW	2/2,4	4/4,8	6,5/7,5	6,5/8	6,5/7,8	7/8,7	8/9
Coppia S1/S6 Torque S1/S6	Nm	0,8/1	2,1/2,6	5,2/6	5,2/6,4	3,4/4,1	5,6/6,9	6,4/7,2
Tecnologia Motore Motor Technology		Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous
Sbloccaggio Utensile Tool Release		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Tensione Nominale Rated Voltage	V	380	380	220/380 or 380	380	380	380	380
Opzione Encoder Option Encoder		-	-	LB 1 Vpp or TTL	-	-	LB 1 Vpp or TTL	LB 1 Vpp or TTL
Poli Poles		2	4	4	4	4	6	4
Cuscinetti Anter./ Posteriori Front/ Rear Bearings		Ceramics	Ceramics	Ceramics or Kronidur	Ceramics	Ceramics	Ceramic/Steel	Ceramics
Lubrificazione Cuscinetti Bearings Lubrication		Grease	Grease	Grease	Grease	Grease	Grease	Grease
Frequenza Massima Max Frequency	Hz	667/833	1333/1667	1334	1200	1200	1000	1000/1200
Velocità Massima Max Speed	rpm	40000 or 50000	40000 or 50000	40000	36000	36000	20000	30000 (HSK-E40) 36000 (HSK-E40/F50)
Velocità Nominale Rated Speed	rpm	24000	18000	12000	12000	18000	12000	12000
Peso Weight	kg	~ 7	~ 9,5	~ 20	~ 14	~ 20	~ 20	~ 14
Raffreddamento Cooling		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid



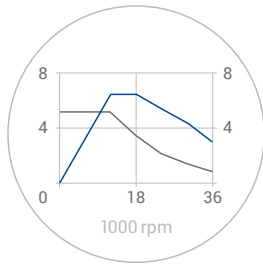
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— [Nm] S1



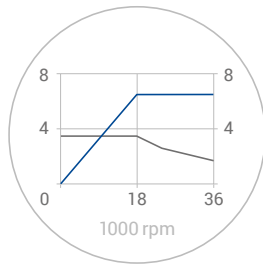
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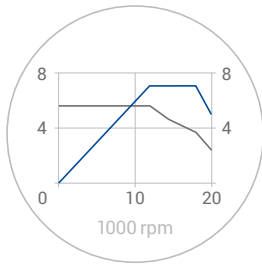
— [kW] S1
— [Nm] S1



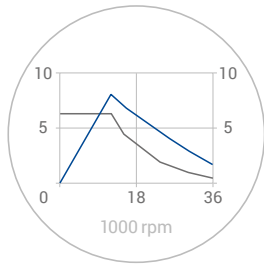
— [kW] S1
— [Nm] S1



— [kW] S1
— [Nm] S1

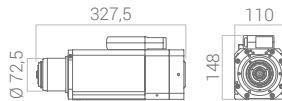
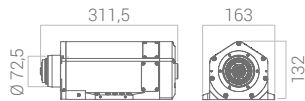
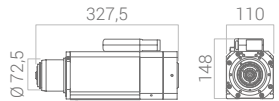
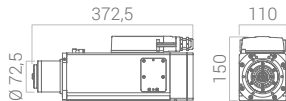
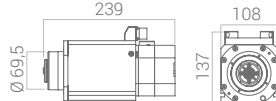
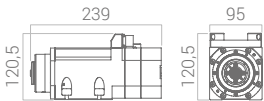


— [kW] S1
— [Nm] S1

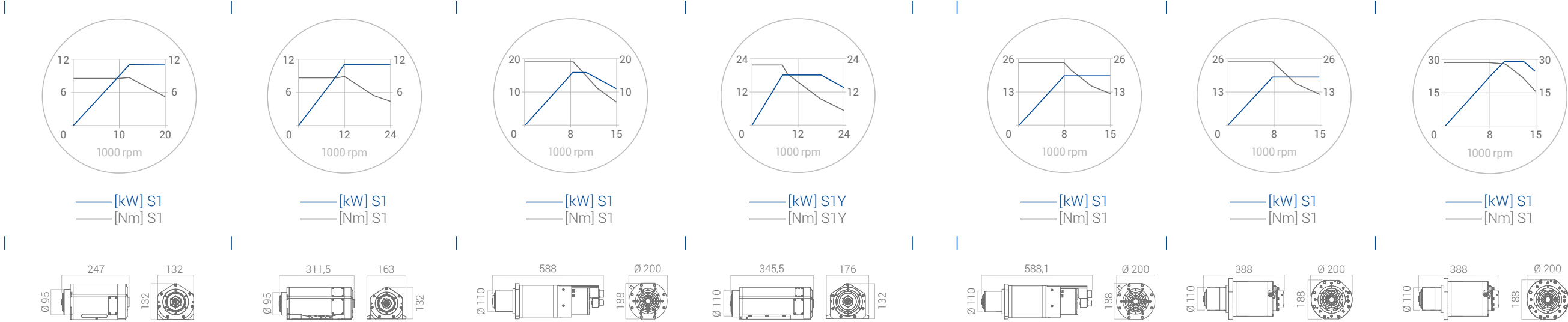


— [kW] S1
— [Nm] S1

Technical data and illustrations are not binding and, for the sake of continual improvement of its products, HSD Mechatronics reserves the right to make modifications without prior notice



								ELETTROMANDRINI ELECTROSPINDLES
ES368 HSK F63 20000	ES368 HSK F63 24000	ES884 HSK E63/F80	ES367 HSK F63	ES884 HSK E63/F80	ES883 HSK E63	ES883 HSK E63		
11/13	11/13	16/18	18/21,6	19/22,8	19/22,8	29,3/35,2	kW	Potenza S1/S6 Power S1/S6
8,7/10,3	8,7/10,3	19/21,5	21,5/25,8	24,2/29	24,8/29,8	28,6/34,4	Nm	Coppia S1/S6 Torque S1/S6
Synchronous	Synchronous	Asynchronous	Synchronous	Asynchronous	Asynchronous	Asynchronous		Tecnologia Motore Motor Technology
Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Hydraulic	Hydraulic		Sbloccaggio Utensile Tool Release
380	380	380	380	380	380	380	V	Tensione Nominale Rated Voltage
LB 1 Vpp or TTL	LB 1 Vpp or TTL	-	-	-	-	-		Opzione Encoder Option Encoder
6	6	4	6	4	6	6		Poli Poles
Ceramic/Steel	Ceramics	Ceramic/Steel	Ceramics	Ceramic/Steel	Ceramics	Ceramics		Cuscinetti Anter./ Posteriori Front/ Rear Bearings
Grease	Grease	Grease	Grease	Grease	Grease	Grease		Lubrificazione Cuscinetti Bearings Lubrication
1000	1200	400/500	1200	500	750	750	Hz	Frequenza Massima Max Frequency
20000	24000	12000 (HSK-F80) or 15000 (HSK-E63)	24000	12000 (HSK-F80) or 15000 (HSK-E63)	15000	15000	rpm	Velocità Massima Max Speed
12000	12000	8000	8000	7500	7300	10000	rpm	Velocità Nominale Rated Speed
~ 20	~ 20	~ 57	~ 25	~ 57	~ 33	~ 33	kg	Peso Weight
Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid		Raffreddamento Cooling



Elettromandrini per 3&5 Assi e Applicazioni su Robot
Electrospindles for 3&5 Axis and Robotic Integrations



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