

# ELETTROMANDRINI A CARTUCCIA / CARTRIDGE ELECTRO-SPINDLES



**Cono ISO 30/40 DIN 69873**  
ISO 30/40 DIN 69873 toolholder



**Classe di protezione IP55**  
IP55 degree of protection



**Raffreddato a liquido**  
Liquid cooling



**Giunto H<sub>2</sub>O integrato "Ghost"**  
Integrated H<sub>2</sub>O joint "Ghost"



**Sensore di rilevamento acqua**  
Water leaking sensor

## IMPROVE YOUR F.O.R.C.E.



**FLESSIBILITA'**  
FLEXIBILITY



**OTTIMIZZAZIONE**  
OPTIMIZATION



**RAPIDITA'**  
RAPIDITY



**COMBINAZIONE**  
COMBINATION

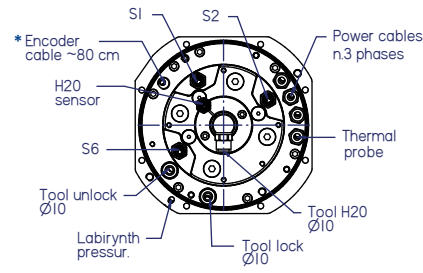
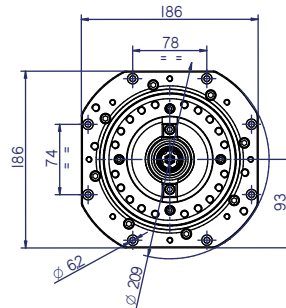
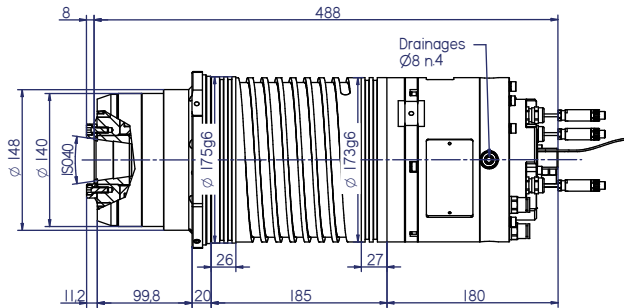


**EFFICIENZA**  
EFFICIENCY

**SE.CL**

[www.saccardo.it](http://www.saccardo.it)





\*Encoder available only on Automatic spindles.

SENSORI CAMBIO UTENSILE / TOOL CHANGE SENSORS		
S1= Utensile agganciato S1= Locked toolholder	S2= Utensile espulso S2= Ejected toolholder	S6= No utensile S6= No toolholder

4 POLES / 400V

Size	Duty	kW	Nm	rpm	A	Hz	Kg
A4	S1	7,3	24,2	2900	16,3	100	37,5
	S6 -60%	8,8	29,6	2840	19,6		
B4	S1	11,5	25,2	4350	23,5	150	40
	S6 -60%	13,8	30,9	4260	28,2		
C4	S1	16	26,3	5800	29,5	200	40
	S6 -60%	19,2	32,3	5685	35,4		
D4	S1	15	34	4215	28,2	150	40
	S6 -60%	17	39	4165	32,4		

Max vel. 12.000 rpm (400 Hz) / Max speed 12.000 rpm (400 Hz)

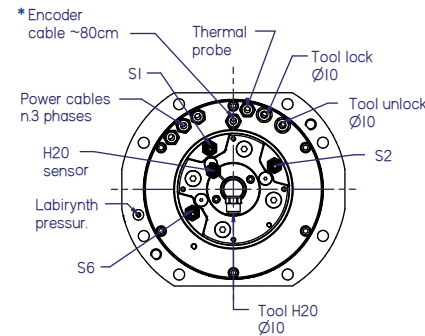
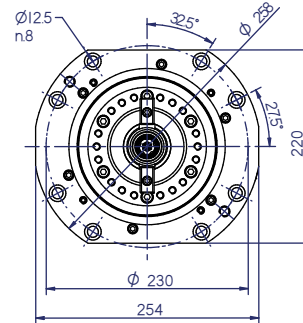
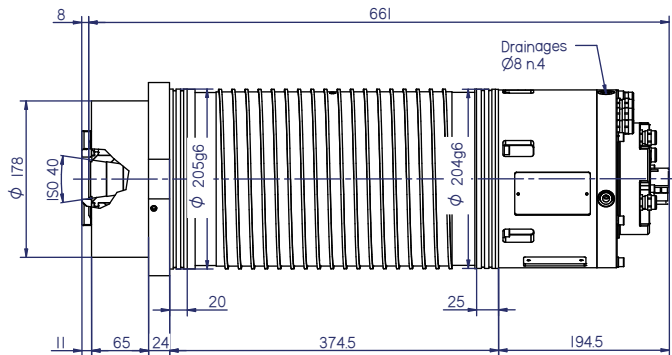


SE.CLA: Automatic tool change by TTL encoder  
SE.CLR: Rapid tool change without encoder



Other powers or polarity on request

SE.CL A-R 170 ISO40 (DIN 69871 or MAS BT)



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SENSORI CAMBIO UTENSILE / TOOL CHANGE SENSORS		
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4 POLES / 400V

Size	Duty	kW	Nm	rpm	A	Hz	Kg
A4	S1	7	34,3	1950	15,3	70	58
	S6 -60%	8	40	1920	17,6		
B4	S1	10	48,5	1970	20,5	70	65
	S6 -60%	12	59	1940	24,8		
C4	S1	13	63	1970	25,7	70	72
	S6 -60%	15	73,5	1950	30		
D4	S1	15	73	1970	30	70	72
	S6 -60%	17,5	86	1940	35		
E4	S1	18	86,8	1980	35,2	70	79
	S6 -60%	21,6	106	1945	42,5		
F4	S1	20	96,5	1980	38	70	84
	S6 -60%	24	117,5	1950	46		

Max vel. 8.000 rpm (267 Hz) / Max speed 8.000 rpm (267 Hz)  
Optional 12.000 rpm (400 Hz)

The product features described in the present catalogue are approximated. Saccardo GCF S.r.l.u. reserves the right to make any modification to the components whenever deemed necessary, without prior notice, in order to enhance the product quality, based on the technical knowledge acquired and the current state of the art.

