

# **Hi** drive

## NEW



- Hi** performance
- Hi** accuracy
- Hi** power
- Hi** flexibility
- Hi** connectivity
- Hi** synchronisation
- Hi** feedback device
- Hi** expansion
- Hi** fieldbus
- Hi** motion functions
- Hi** language IEC 61131

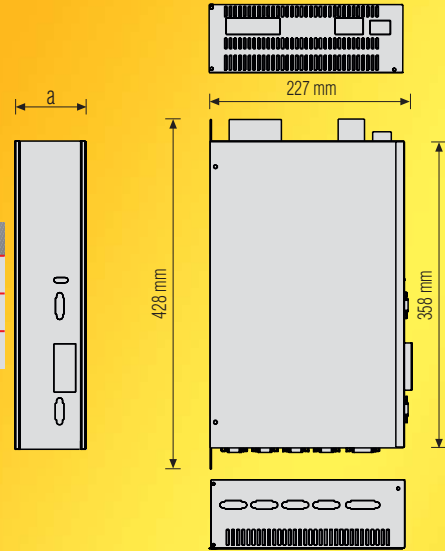
# Hi drive

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## Standard *motion functions*

- Current, torque and speed control
- Positioner with speed control
- Digital lock with variable ratio and phase correction
- Electronic cam
- Built-in PLC
- Built in IEC 61131 PLC languages for custom application design (optional)

MODEL	a
Hi 2 - 5 - 8	87 mm
Hi 16 - 25	122 mm
Hi 35 - 45	225 mm



TECHNICAL SPECIFICATIONS		MODEL									
		HID 2	HID 5	HID 8	HID 16	HID 25	HID 35	HID 45	HID 75 <sup>▲</sup>	HID 100 <sup>▲</sup>	HID 150 <sup>▲</sup>
Power supply	V~	200-10%...480+10%									
Output nominal current	Arms	2	5	8	16	25	35	45	75	100	150
Overload current	Arms	4	10	16	32	50	70	90	150	200	300
Feedback for speed and/or position control	Standard	Resolver, Incremental, Less Wiring, SinCos, Sincos + EnDat Absolute (single & multi-turn), Sincos + Hiperface Absolute (single & multi-turn) Encoder *									
Encoder input	Standard	Incremental/SinCos Encoder or Frequency/Sign *									
Encoder simulation	ppr	4..2 <sup>18</sup> (max 400 kHz) RS 422									
24V Digital inputs	N°	4+1									
24V-100mA PNP Digital outputs	N°	2									
Relay outputs	N°	1									
Analog inputs	N°	2									
Analog outputs	N°	2									
Configuration serial link	Standard	RS 232									
Serial link	Standard	RS 422/485									
Fieldbus	Standard	CanOpen DS301 or SBC-Can									
	Optional	Profibus-DP, CanOpen DS402 <sup>▲</sup> , Sercos <sup>▲</sup> , DeviceNet <sup>▲</sup> , Ethernet <sup>▲</sup>									
I/O expansions	Optional	8 DI + 8 DO, 16 DI <sup>▲</sup> , 16 DO <sup>▲</sup>									
DC bus	Standard	On terminals									
Emi filter	Standard	Built-in (only up to 8 Arms)									
Braking resistor	Standard	Built-in									
Motor brake control	Standard	Built-in									
Safety relay	Optional	Built-in <sup>▲</sup>									

\* not all possible configurations are available. ▲ not yet available.

**Parker** **Divisione S.B.C.**

Via Gounod, 1  
20092 Cinisello Balsamo (MI) - Italy  
Tel. +39-02-66012459  
Fax +39-02-66012808  
infosbc@parker.com  
www.sbcelettronica.com

HI DRIVE 05/05E