

ELECTROMAGNETIC DISC BRAKES – HPS SERIES

HPS

VDC

Nm d

MECHANICAL SIZE

04, 06, 08, 10, 12, 14, 16, 18, 20, 25

CONFIGURATION

WITHOUT FITTING / ACCESORIES	1
LEVER FOR MANUAL RELEASE	2
MOUNTING FLANGE	3
LEVER FOR MANUAL RELEASE + MOUNTING FLANGE	4

Execution options for the customer's request:

- on-standard diameter of the sleeve gear brake d(H7)
- equipped with heating elements in the winding

(need to define the voltage supply) – e.g. **GR__V**

- work at low temperatures -400C - **Z**
- posistor thermal protection - **P**
- bimetallic thermal protection - **B**
- other voltage brake
- response monitoring microswitch (engaged, disengaged) - **KZ**
- microswitch of the brake lining control - **KO**
- microswitches set - **KZ+KO**
- increased durability of the brake, the brake is guaranteed lifetime 10x10⁶ cycles - brake design allows for long-term and reliable operation HPS06 ÷ HPS10 – **T**

EXAMPLE:

HPS 12. 30. 180 V DC 32 Nm d25 GR104V

HPS 10. 11. 104 V DC 16 Nm d19 MT

HPS 14. 22. 24VDC 60Nm d25 KZ+KO

DIAMETER OF SLEEVE GEAR d (H7)

CLIMATIC VERSION

According to Standards: e.g. MT, TH

NOMINAL BRAKING TORQUE (Nm)

HPS04	HPS06	HPS08	HPS10	HPS12	HPS14	HPS16	HPS18	HPS20	HPS25
4	4	8	20	32	60	100	150	240	500
		6	16	24	45	80	120	180	360
		3	12	16	30	60	75	120	270
			5			40			180

OPERATING VOLTAGE (VDC)

24,104,180,207

PROTECTION RATING

BASIC VERSION – NUT WITH HOLE D4	0
VERSION IP 54 - WITHOUT HOLE D4	1
VERSION IP 54 - NUT WITH D4 + V-RING SEALING	2
VERSION IP 55 - WITHOUT HOLE D4	3
VERSION IP 55 - NUT WITH D4 + V-RING SEALING	4
VERSION IP 56 - WITHOUT HOLE D4 + IP56 BRAKE COVER	5
VERSION IP 56 - NUT WITH D4 + SPECIAL SEALING + IP56 BRAKE COVER	6

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