

Permanent magnet hysteresis brakes BDH1—BDH8



Field of application

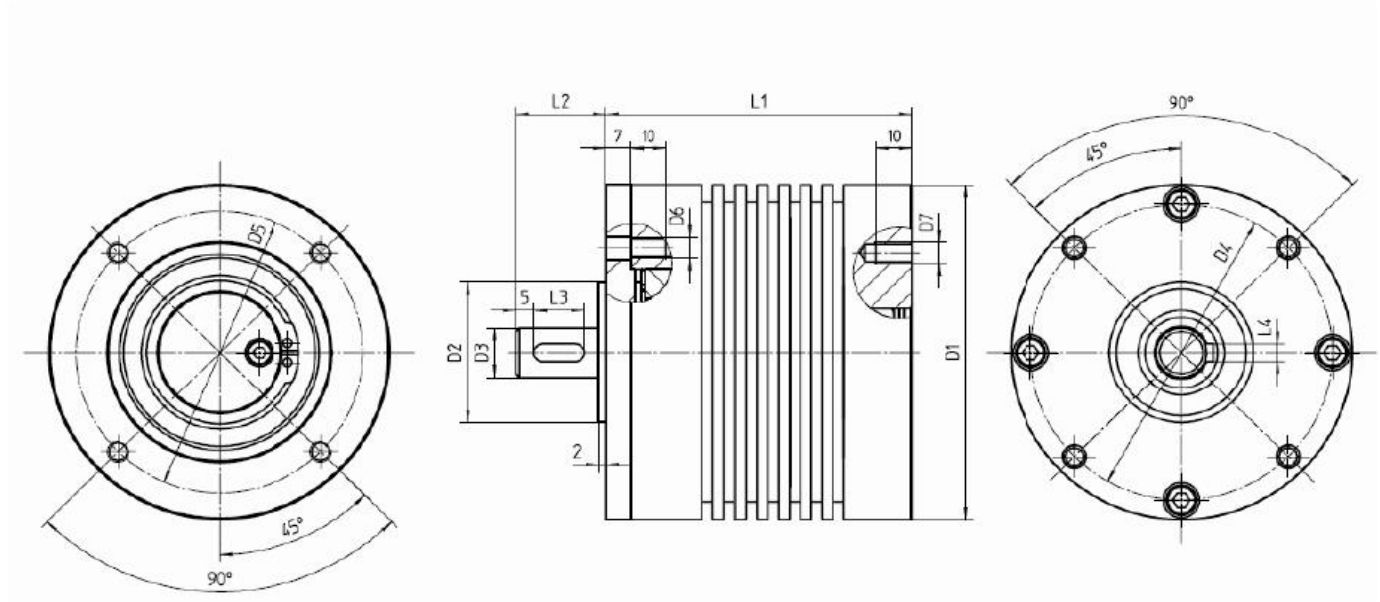
- Every application with need of constant braking torque
- Brake- clutch and overload- protection applications

Advantages and properties

- Available from 1Nm - 8Nm
- Works from speed „zero“
- High running smoothness at low speed
- No operating current necessary
- Quick and easy mounting
- Complete wear- and maintenance free
- Cost effective and compact design
- Very robust due aluminium housing

Technical Data	Unit	BDH1	BDH3	BDH6	BDH8
Rated torque	Nm	1	3	6	8
Max. speed	U/min	1000	350	200	150
Power loss	W	110	110	130	130
Moment of inertia	Kgm ² x10 ⁻⁴	0,55	0,6	1,1	1,3
Weight	kg	1,9	2,1	3,3	4,5

Drawing



Dimensions in mm	L1	L2	L3	L4	D1	D2	D3	D4	D5	D6	D7
BDH1	85	25	14	5	95	40h7	14k6	84	80	M6	M6
BDH3	85	25	14	5	95	40h7	14k6	84	80	M6	M6
BDH6	127	30	18	6	95	50h7	18k6	84	80	M6	M6
BDH8	167	30	18	6	95	50h7	18k6	84	80	M6	M6

Available as option with hollow shaft, belt pulley or toothed belt disc

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