

Your reliable companion for everyday lifting jobs

DC-Bas chain hoist



DC
BAS



Large operating radius: DC-Bas 2 with 2/1 chain reeving arrangement for loads weighing up to 500 kg attached to a Demag pillar-mounted slewing jib

Clear benefits

- Two hoist speeds up to 10/2.5 m/min
- Conical-rotor brake motor for a long service life
- Rugged galvanised round steel chain
- Contactor control
- Load capacities up to 2,000 kg
- 60 % motor duty factor
- Compact dimensions
- Low dead weight
- Fast and simple commissioning

- Rugged DSK-Bas or DST-Bas control pendant
- Simple, ergonomic operation
- Simple maintenance and service

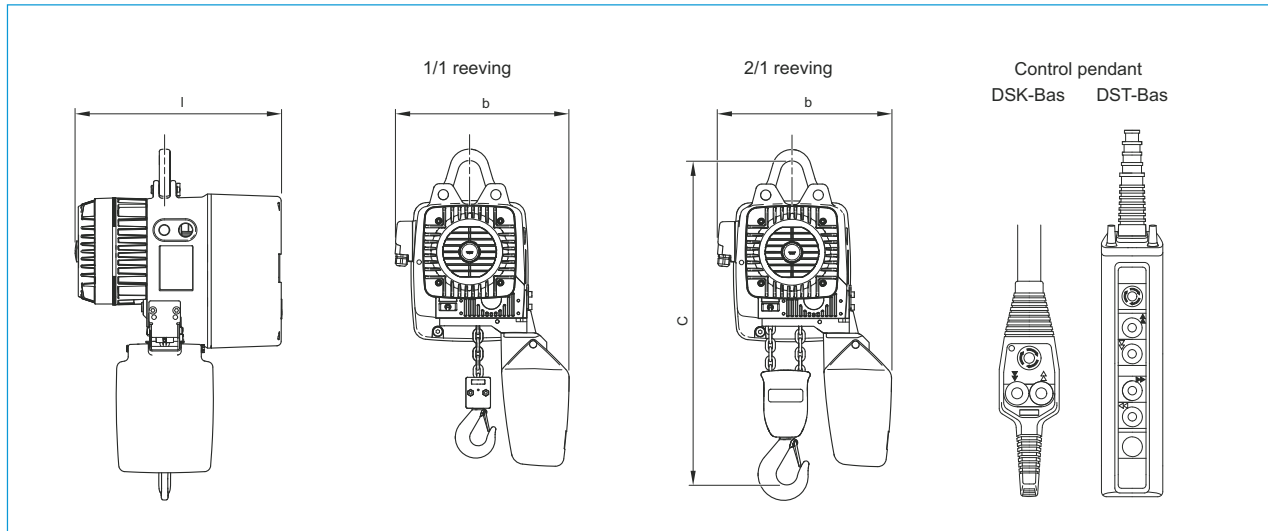
Optional features

- Direct control
- Lifting-motion limit switches
- Push-travel trolley
- Electric-travel trolley with two travel speeds
- Longer hook paths

Easy to service

The DC-Bas is also a simple product in terms of service and maintenance. Most maintenance work can be carried out quickly and easily.

DC-Bas chain hoist – technical data



Size	DC-Bas 1		DC-Bas 2		DC-Bas 5		DC-Bas 10	
Reeving	1/1	2/1	1/1	2/1	1/1	2/1	1/1	2/1
Load capacity [kg]	125	250	125	250	500	1,000	1,000	2,000
FEM	1Am		1Am		1Bm	1Bm		
Hook Path [m]	3 (longer hook paths possible, please enquire)							
Main lifting speed (50 Hz) [m/min]	8	4	10	5	10	5	8	4
Creep lifting speed (50 Hz) [m/min]	2	1	2.5	1.25	2.5	1.25	2	1
Hoist motor:	0.2/0.05		0.5/0.13		1.0/0.25		1.5/0.35	
(Main lifting/ Creep lifting)	Duty factor [%]		60 (40/20)					
	Starts per hour		120/240					
	Motor speed [rpm]		2,910/710		2,920/715		2,880/700	
	Voltage/frequency [V/Hz]		415/50 (different voltages possible, please enquire)					
Hook dimension c [mm]	422	470	438	503	556	666	599	786
Width b (for model with 3 m hook path) [mm]	287		326		411		447	
Length l [mm]	336		361		351		408	
Motor size	13/3P 2/8 K		16/5P 2/8 K		16/7P 2/8 K		16/10P 2/8 K	
Weight [kg]	16	17	32	34	50	53	73	78

- Supply voltage for DC-Bas electric chain hoist and EU travel drive is 415 V three-phase alternating current at 50 Hz
- Models: solo (stationary), push travel, electric travel
- IP 54 enclosure

RU Bas trolleys for push travel

Size	RU 11 Bas	RU 22 Bas
Load capacity [kg]	1,100	2,200
DC-Bas sizes	1, 2, 5, 10 1/1	10 2/1
Flange width [mm]	50–200 201–310	66–200 201–310
Minimum curve radius [mm]	1,500	2,000
Weight [kg]	10	23

EU Bas trolleys with electric-travel drives

Size	EU 11 Bas	EU 22 Bas
Load capacity [kg]	1,100	2,200
DC-Bas sizes	1, 2, 5, 10 1/1	10 2/1
Flange width [mm]	50–200 201–310	66–200 201–310
Main travel speed (50 Hz) [m/min]	20	20
Creep travel speed (50 Hz) [m/min]	5	5
Travel motor [PN/kW]	0.2/0.05	0.2/0.05
Duty factor [%]	40/20	40/20
Voltage/frequency [V/Hz]	415/50	415/50
Minimum curve radius [mm]	2,000	2,500
Weight [kg]	24	38



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