

Bauer Article No.: 188S7946

worm geared motor for travelling gear

Type	: BS06-71V/DL08LA82-SL-K/ESX010A2HA		
type rating	(kW) : 0,032/0,125-S4-40%		
Starting moment	(Nm) : 53/80	Mounting	: H1
Output shaft speed	(rpm) : 8,5/34,0	Terminal box position	: I / A
Synchron speed at shaft	(rpm) : 10,5/42,0	Dimensional drawing	: BS06
Corrosion protection	: Standard	Catalogue	: DG 07
Painting	: RAL 7038	net weight per unit	: approximately 20 kg

Gear design:

Type	: BS06 2 -staged worm gear
Design code 71V	: C-Flange with tapped holes on side front : solid output shaft on gear side front (d: 25 mm)
Total gear reduction i	: 71,18
Add./Special design:	Lubricant type: PGLP 460

Design of the motor:

Type	: Three-phase travelling motor DL08LA82-SL-K		
Voltage	(V) : 42	Speed	(rpm) : 600/2400 / 750/3000 synchron
Connection	: Y/Y	IP prot. type per EN 60529	: IP 65
Frequency	(Hz) : 50	IC cool. type EN 60034-6	: IC 411
Rated current	(A) : 3,05/4,3	Design acc. to DIN VDE 0530-1/EN 60034-1	
Starting current	(A) : 4,0/13,0		
Power factor (cos phi A)	: 0,55/0,87	Terminal box size	: TBR122
Temperature class	: F		
Add./Special design:	pole-changing with two separate stator windings With heavy cast ventilator wheel.		

Design of the brake:

Type	: Working brake below the fan cowl : Single-disc spring setting brake ESX 010 A 2 HA		
Braking torque	: 2,50 Nm		
IP prot. type per EN 60 529	: IP 65	supplemental dim. drawing	: N-BR
Coil voltage	: 20 V	Coil current	: 1.54 A
Connection voltage DC	: 20 V		
Add./Special design:	With lockable hand release.		

With standard rectifier with Snap-on foot included loose as enclosure !

Type	: SG 3.575 B		
Connection voltage AC 50/60 Hz	: 42::48 V	Output DC	: 20 V
Connection current	: 1.09 A		

Please note:

Gearbox

Gearboxes with torque reaction by means of flange or torque arm must have the torque reaction on the same side as the radial force over the output shaft. Please contact the factory in case of other designs.

Motor

The motor is designed for operation in S4-40% mode.
Please note the instructions pertaining to motor protection in the catalog !

To achieve the smoothest possible change of speed from the high speed to the low speed, especially where there are significant external flywheel moments, we recommend, depending on the application, two phase reconnection or use of a suitable soft pole reconnection device.

With pole changing motors the brake is not to be connected to the motor terminal board, but rather via special auxiliary contacts.

Please note Memorandum no. 2/8173.

Motor not within the scope of Regulation (EU) 2019/1781 according to Article2, paragraph 2(n).