

The drive you have enquired about belongs to an earlier series which is no longer manufactured by Bauer. With this letter, we are offering you a drive from our current gearbox series with a third-party motor made by HEW.

Please note the modified gearbox connection dimensions and check the mounting and installation options using the enclosed dimensional drawing.

Type: old 1892810

Bauer Article No.: 189R0031

shaft-mounted gear

Type	: BF60-05-C/IEC90/C2-MB		
Motor power (kW)	: 1.5		
Output shaft speed (r/min)	: 16,5		
Torque (Nm)	: 800		
Service factor fB	: 2,9		
Mounting	: H1 I/A	Dimensional drawing	: B.60-B.60Z-...-C-IEC.
Corrosion protection	: Coro 2	Catalogue	: -
Painting	: RAL 7031	net weight per unit	: approximately 148 kg
ambient temperature	°C : -20 - +40		
Add./Special design:	Fremdmotor nach ZN.BAU30672662.		

Gear design:

Type	: BF60 2 -staged shaft-mounted gear
Design	: II 2 G Ex h IIC T4 Gb / II 2 D Ex h IIC T135°C Db acc. to EN80079-36, -37
Design code 05	: with Cast-on torque arm
	: hollow shaft for shrink disk connection on gear side at rear (d: 70 mm)
Total gear reduction i	: 93,44
Oil-type/-volume (l)	: CLP 220 / 6,7
Add./Special design:	2 rubber pads are included loose.
	With shrinkable disk connection with nominal diameter 80 mm. supplemental dim. drawing: N-BF-SSV.
	Shrink disk supplied loosely as enclosure !
	with Heinrichs Breather

Normflanschbau

mit angebaute Fremdmotor (Beschaffung Bauer)

type:	HEW / DCEX 90 VP/4 K
[Ex-Kennzeichnung]:	II 2G Ex db eb IIC T4 Gb
Protection type (IP):	IP65
Power factor (cos phi):	0.71
IE class/efficiency class:	3 / 85.3
rated current (A):	6.15/3.55
motor protection:	Thermistor
Type of cooling:	IC411

Voltage (V)/Schaltung:	230/400 / D/Y
n1 (r/min)/Frequency (Hz):	1500 / 50
Operating mode:	S1
Insulation class:	F

Temperature class:	T4
Oberfl.Temp.	135

Please note:

Gearbox

Our safety instructions (operating instruction P-8416-BGM) for the use of explosion protected geared motors must be followed. Should you not have a copy of these instructions, please request a copy (also available in electronic form) from us. In case of order, you will receive a copy of this important document for the planning phase together with the delivery.