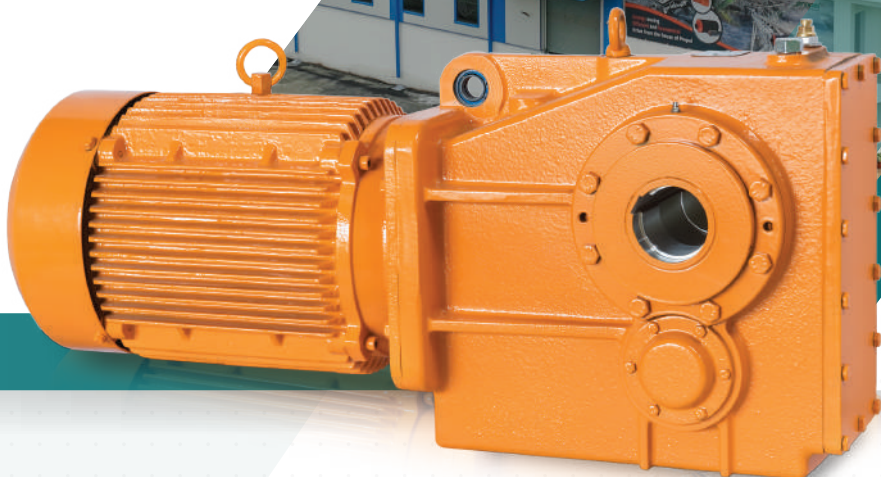




# GEARED MOTORS

Enduring Performance  
under demanding conditions



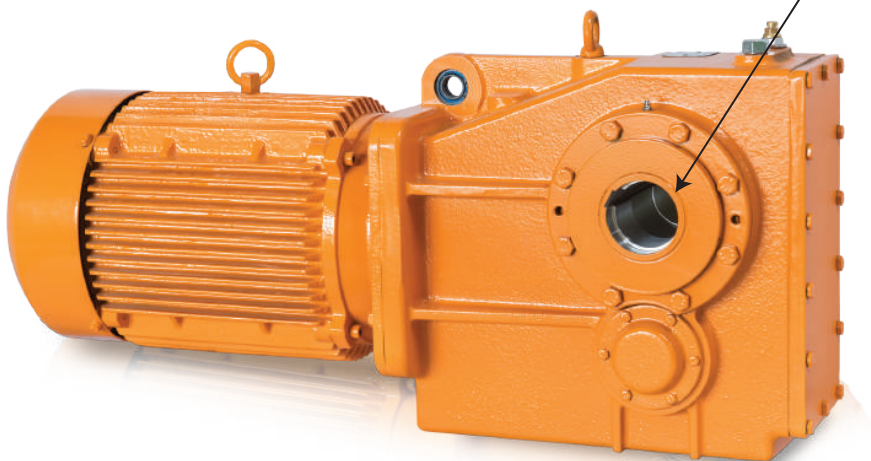
- ▶ Specially designed for Aggregates and Mineral Processing Industry

# Features & Benefits

## Features & Benefits of Geared Motors are as follows

Features	Benefits
Specially designed for Aggregates and Mineral Processing Industry	Well suited for outdoor application and dusty environment
Strong design factors and precession ground gears	Ensures longer life, efficient and smooth performance
Laminar self adjusting metallic sealing system	Longer life even under dusty environment and lesser maintenance requirement.
In-built mechanical Backstop used for arresting the reverse movement	Fail safe, no external energy is required & maintenance-free
Shaft mounted gearbox with radial spherical plain bearing for torque arm	Easy mounting and self aligning
Spring loaded breathers	Longer lubricant life, well suited for dusty environment

## Laminar Metallic Sealing Arrangement



Laminar Metallic Sealing arrangement

# Technical Specification

S.No	Model Number	Nominal Torque (Nm)	Power (kW)	Output Shaft Dia (mm)	Standard Reduction Ratio
1	HBH04	486	3.7	50	13.13
2		507	3.7	50	20.70
3		612	3.7	50	16.54
4		486	5.5	50	16.54
5		612	5.5	50	16.54
6		754	5.5	50	20.70
7		1028	7.5	50	20.70
8		1021	9.3	50	16.54
9	HBH05	782	5.5	50	21.14
10		950	5.5	50	25.68
11		1059	7.5	50	21.14
12		1286	7.5	50	25.68
13		1304	9.3	50	21.14
14		1584	9.3	50	25.68
15		782	5.5	60	21.14
16		950	5.5	60	25.68
17		1059	7.5	60	21.14
18		1286	7.5	60	25.68
19		1304	9.3	60	21.14
20		1584	9.3	60	25.68
21	HBH06	1873	11	60	25.68
22		2554	15	60	25.68
23		3150	18.5	60	25.68

Gear ratios from 13 to 30 are available with B14 and IEC Flange mounting motor options

# Salient Features

- **Exclusive Design:**  
Custom-engineered for conveyor drive applications, ensuring compatibility and optimal performance.
- **Validated Performance:**  
Proven reliability, trusted by industries with demanding performance standards.
- **Durable & Powerful**  
Built to withstand the toughest conditions in stone crushing and processing.
- **Advanced Technology**  
Incorporates high-quality materials and modern engineering for enhanced durability and performance.
- **Efficient Operation**  
Ensures smooth operation of complex conveyor systems, reducing downtime and enhancing productivity.

