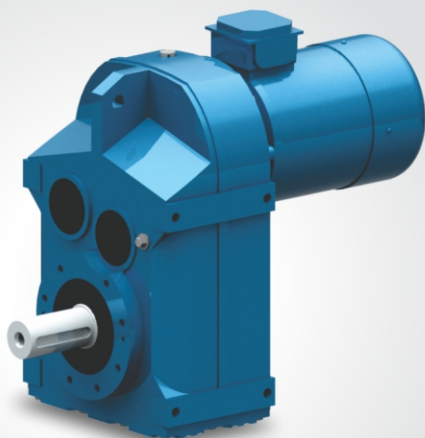




AF SERIES

» Parallel Shaft Gear Motors



The parallel helical shaft gear units, AF series remain the optimal solution for complex and space limited applications. The fully reversible design of the gearbox offers a large range of mounting positions. The gears combinations allow high loads and the options for low output speed makes it the ideal solution for a very large range of applications.

Technical Data Overview

Gear Unit Reduction Ratio	I	3.77 to 281.71
Multi-Stage Gear Unit Reduction Ratio	I	87 to 31434
Output Torque	Nm	130 to 18000
Motor Power Range	kW	0.12 to 90

Input Mode:

- IEC connection flange, input hollow shaft, input solid shaft (half coupling) motor adaptor
- Servo motor adaptor
- Metric and British system solid input shaft

Output Mode:

- Foot-mounted, B5 Flange-mounted, B14 Flange-mounted, Solid or hollow shaft, Hollow Shaft with Keyed

Main Options:

- Multi-stage combination
- Backstop
- Torque arm

Available Motors and models :

- IEC standard and IE2 high efficiency single and double speed motor Variable Frequency
- Three-phase asynchronous motor for crane and metallurgical applications
- Explosion-proof three-phase asynchronous motor
- Table roller motor
- Synchronous motor, DC motor, servo motor

Motor Accessories Option:

- PTC thermistor and thermo switch
- Individual power supply cooling fan, power-off brake and power-on brake
- Open collector output, voltage output, complementary output and line drive output rotary encoder

Input Option



Solid Shaft



Input Motor



IEC Motor Flange



IEC Flange with Motor

Output Option



Solid Shaft



Hollow Shaft



Shaft with Flange



Hollow with Flange



**ADVANCED
ENTERPRISES**



AF SERIES

» Parallel Shaft Gear Motors

TECHNICAL DATA						
Model	Solid Shaft (mm)	Hollow Shaft (mm)	Input Shaft (mm)	Power (KW)	Ratio	Max. Torque (Nm)
AF 27	25	25	16	0.12 - 0.2.2	4.16 - 140.74	130
AF 37	25	30	16	0.18 - 3.0	3.77 - 128.51	200
AF 47	30	35	16	0.18 - 3.0	4.99-140.76	400
AF 57	35	40	19	0.18 - 5.5	5.18 - 199.70	600
AF 67	40	40	19	0.18 - 5.5	3.97 - 228.99	820
AF 77	50	50	24	0.37 - 11	4.28 - 281.71	1500
AF 87	60	60	28	0.75 - 22	4.12 - 270.68	3000
AF 97	70	70	38	1.1 - 30	3.87 - 276.77	4300
AF 107	90	90	42	2.2 - 4.5	5.03 - 254.40	7840
AF 127	110	100	55	7.5 -90	4.68 - 170.83	12000
AF 157	120	120	70	11 - 200	11.92 - 267.43	18000

ADVANCED ENTERPRISES

Industrial Gears & Gearbox Manufacturers

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