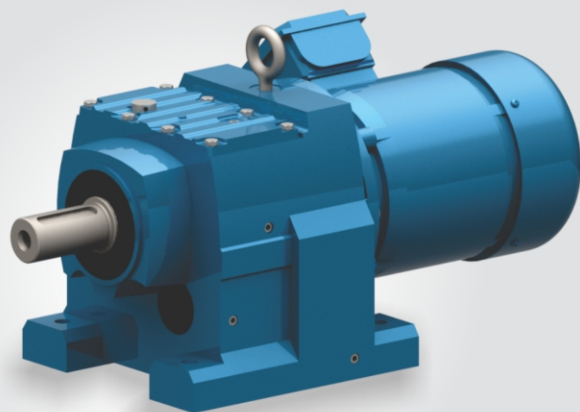




AR SERIES

» Inline Helical Gear Motors



These are available in two or three stages and multistage combination both in foot and flange mounting. The AR series provides optimum solution for large area of application. The uni-case housing of the gearbox and optimized gear technology offers perfect balance between power and weight.

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	87 to 18000
Motor Power Range	kW	0.12 to 200



Input Option



Solid Shaft



Motor



IEC Motor Flange



IEC Flange with Motor



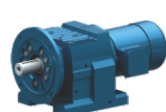
Output Option



Foot Mounting



Flange Mounting



Foot Flange Mounting

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 flange mounted

Main Options:

- Multi-stage combination
- Backstop

Available Motors and models :

- IEC standard and IE2 high efficiency single and double speed motor
- Variable frequency and break three -phase asynchronous motor
- 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



**ADVANCED
ENTERPRISES**



AR SERIES

» Inline Helical Gear Motors

TECHNICAL DATA					
Model	Solid Shaft (mm)	Input Shaft (mm)	Power (KW)	Ratio	Max. Torque (Nm)
AR 17	20	-	0.12 - 0.75	3.83 - 81.64	85
AR 27	25	16	0.12 - 3.0	3.37 - 135.09	130
AR 37	25	16	0.18 - 3.0	3.41 - 134.82	200
AR 47	30	19	0.18 - 5.5	3.83 - 176.88	300
AR 57	35	19	0.18 - 7.5	4.39 - 186.89	450
AR 67	35	19	0.18 - 7.5	4.29 - 199.81	600
AR 77	40	24	0.18 - 11	5.21 - 195.24	820
AR 87	50	28	0.55 - 22	5.36 - 246.54	15550
AR 97	60	38	0.55 - 30	4.49 - 289.6	3000
AR 107	70	42	2.2 - 4.5	5.06 - 246.54	4300
AR 137	90	55	5.5 - 55	5.51 - 223.34	8000
AR 147	110	55	11 - 90	5.00 - 163.46	13000
AR 167	120	70	11 - 160	8.77 - 196.41	18000

ADVANCED ENTERPRISES

Industrial Gears & Gearbox Manufacturers

Email : info@advancedenterprises.in, **Website :** www.advancedenterprises.in