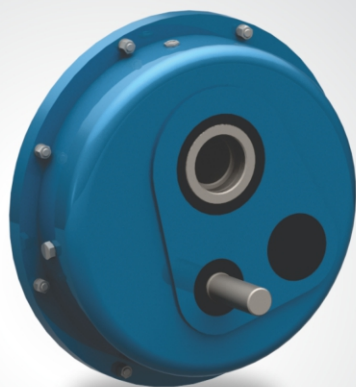




ATA SERIES

» Shaft Mounted Gearbox



The ATA Series is a shaft mount helical gear reducer that mounts directly to the driven shaft with a number of accessories available to produce versatility, cost savings and long life. It feature shafts and gears manufactured from the highest grade steel, case hardened and precision ground to AGMA standards for long lasting durability. Housings are 100% cast iron to provide industrial grade protection for the life of the unit. Shafts are sealed with reinforced double lip to protect against contamination and prevent oil from escaping. Premium ball and tapered roller bearings provide smooth operation and lower noise. Extended gear centers ensure tooth contact and provide consistent operation. Hollow Bore type is STR164T, Spline or tapered. A long list of standard features makes this reducer suitable for a wide range of environments right off the shelf.

Technical Data Overview

Rated Torque	150 ... 17000 Nm
Transmission	$i = 5.0 \dots 31.5$
Power	1.1 ... 156 kW
Translation Stage	1 - and 2 - stage
Gear type	30 - 125 (10 sizes)
Type	ATA

» Input Option



Solid Shaft



Backstop

» Output Option



Hollow Shaft



Hollow Spline



Hollow Taper

Input Mode:

- Keyed solid shaft
- IEC Motor Flange (ATA 30)

Output Mode:

- Keyed hollow shaft
- Up to three bore options per frame
- Spline hollow shaft to DIN 5480

Main Options:

- Backstop - Available on all frame sizes, externally accessible
- Torque arm

Mounting:

- Foot Mounting in horizontal and vertical position
- Interchangeable with leading brands



**ADVANCED
ENTERPRISES**



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TECHNICAL DATA						
Model	Input Shaft Dia (mm)	Output Bore Dia. (mm)	Ratio	Max. Torque (Nm) $n_2 = 900 \text{ min}^{-1}$	Weight - (Kg)	
					1-Stage	2-Stage
ATA 30	16	30	7,2 ... 12,7	180	10	12
ATA 35	19	35	5 25	420	16	18
ATA 40	24	40 / 45	5 ... 38,2	950	26	28
ATA 45	28	45 / 50 / 55	5 ... 30	1400	34	38
ATA 50	38	50 / 55 / 60	10	2300	54	58
ATA 60	42	60 / 70	12.5	3600	83	97
ATA 70	42	70 / 85	15	5100	108	121
ATA 80	48	80 / 100	20	7000	145	160
ATA 100	55	100 / 125	25	11000	250	270
ATA 125	60	125 / 135	31	17000	325	415

ADVANCED ENTERPRISES

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