



## ACBAR Eccentric reducers

AKIM gear technology – Swiss Made.

## ACBAR Eccentric reducers

A timeless Swiss made high-precision product, in use for over 60 years in various different sectors. Perform until today its reliable functions.

### General informations

- Are standard reducers
- Modularly construction
- Have a symmetric, compact and coaxial form
- Available with special designs according to customer specifications
- Small to largest ratios with minimal space requirements
- Almost any ratio feasible
- Ratio: up to 13'600 : 1, single stage
- Drive speed: 1'500 min<sup>-1</sup> up to 3'000 min<sup>-1</sup>, max. 6'000 min<sup>-1</sup>
- Available in different designs
- Available with low backlash
- Suitable for connecting with all IEC standard motors
- Can be fitted with motors with standard flange B5 or B14, standard shaft end, standard running accuracy without additional shaft seal
- Can be mounted in any possible position
- All the moving parts rotate on ball bearings
- Have a minimum of moving parts
- All- round sealing
- No oil fittings
- Lifetime lubrication
- Maintenance free
- Are selected on the basis of selection charts
- Multi stage versions available on request

### ACBAR standard program.

Type	Nominal torque [Nm]	Reduction ratio Min. / Max.		Mass moment of inertia [Kgcm <sup>2</sup> ]
11	80	2.5 : 1	8855 : 1	0.0008
81	150	5.8 : 1	13600 : 1	0.0015
121	250	7.0 : 1	8007 : 1	0.0030
12/451	450	7.0 : 1	8007 : 1	0.0060
251	600	4.5 : 1	10152 : 1	0.0070
501	1000	6.0 : 1	10441 : 1	0.0084

Detailed technical documentation is available on our website [www.akim.ch](http://www.akim.ch).