

DYNAGEAR D115 i=30:1

Single stage bevel gearbox with ratio 30:1



Advantages

- § Single stage bevel gearbox with ratio 30:1
- § High performance, compact design, no abrasive wear
- § Efficiency of the bevel gearset > 92%

Technical data:

Nominal torque	T_{2N} [Nm]	140
Max. acceleration „	T_{2B} [Nm]	180
Emergency stop torque f	T_{2Not} [Nm]	200
Max. input speed	n_{1max} [min ⁻¹]	6000
Nominal input speed	n_{1N} [min ⁻¹]	1300
Standard backlash •	j_t [arcmin]	<4
Torsional output stiffness...	C_{t21} [Nm/arcmin]	23
Radial force ,	F_{2Rmax} [N]	10000
Axial force ,	F_{2Amax} [N]	5000
Efficiency at full load	η [%]	>85
Running noise ($n_1=3000$ min ⁻¹)	L_{pA} [dB(A)]	≤68
Approx. weight	m [kg]	15,5

- at the output, assuming 2% load
- , point of force application center of output shaft at an output speed of 400 min⁻¹

Please note that

this newly developed gearbox D115 30:1 is still being tested. All information contained in this catalogue is provided without guarantee and is not binding. In particular, dimensions and values only provide guidance. Any exact, specific requirements must be agreed with us. Specifications and features listed in the catalogue are subject to a written contract.