

Planetary gearbox 1086

ø86mm - 30...90 Nm

Technical data

Output shaft material	Stainless steel
Cover material	Steel
Radial play at 5mm from bearing	30µm
Axial play	~0 (no-load)
Average backlash at no-load	0.5°
Max. radial force at 19mm from bearing	650N
Max. axial force	600N

Part number

N°gearbox Standard

1086 xxxx 00

Ratio

Example with
Ratio 100:1

1086 0100 00

Characteristics

Ratio		5:1	10:1	25:1	50:1	100:1	125:1	250:1	500:1
No. of gear stages		1	1	2	2	2	3	3	3
Max. torque permanent	Nm	30	30	60	60	60	90	90	90
Max. torque intermittent	Nm	45	45	90	90	90	150	150	150
Dir. of rotation entrance - exit		=	=	=	=	=	=	=	=
Mass	g	~2500	~2500	~3500	~3500	~3500	~4500	~4500	~4500
Length gearbox L1	mm	80	80	98	98	98	114	114	114

Other ratio on request

(cotation mm, tolérance µm)

Other adaptor flange on request

