

Planetary gearheads.

NoiselessPlus 63



Image of 1-stage gearhead

- Very quiet operation due to helical-tooth gear stages
- Toothed parts made of plastic with optimized sliding properties ensure smooth operation
- Higher reduction ratios within first and second gear stage
- High radial loads due to double ball bearing in the output shaft
- Flexible connection to customer applications (shaft variants, centering and fastening)

Nominal data									
Gearheads		NoiselessPlus 63.1				NoiselessPlus 63.2			
Reduction ratio		4.30	6.00	11.0	21.0	26.0	47.0	66.0	121
No. of stages		1				2			
Efficiency		0.90				0.81			
Max. input speed (n _i)	rpm	6 000				6 000			
Rated output torque (M _{ab})	Nm	8.99	7.13	3.98	1.32	12.6	14.7	17.5	10.6
Short-term torque (M _{max})	Nm	22.5	17.8	9.95	3.30	31.5	36.8	43.8	26.5
Gear play	°	0.2 ... 0.5				0.2 ... 0.5			
Permissible operating temperature (T _U)	°C	-20 ... +80				-20 ... +80			
Operating mode		S1				S1			
Protection class		IP 50				IP 50			
Weight	kg	0.56				0.80			
Shaft load radial / axial	N	50 / 1 000	50 / 1 000	50 / 1 000	100 / 1 000	780 / 1 000	1 000 / 1 000	1 100 / 1 000	1 550 / 1 000
Service life	h	10 000				10 000			
Lubrication		Maintenance-free grease lubrication for life							
Installation position		any							
Subject to alterations									
Preferred type: ready to ship in 48 hours	on request								

