

**NEW**

# Planetary Gearheads

## 4,5 Nm

For combination with  
DC-Micromotors:  
2642, 2657, 3242, 3257

### Series 32A

	32A
Housing material	metal
Geartrain material	steel
Recommended max. input speed for:	
– continuous operation	3000 rpm
Backlash, at no-load	≤ 2°
Bearings on output shaft	ball bearings
Shaft load, max.:	
– radial (10 mm from mounting face)	≤ 100 N
– axial	≤ 30 N
Shaft press fit force, max.	≤ 120 N
Shaft play:	
– radial (10 mm from mounting face)	≤ 0,1 mm
– axial	≤ 0,30 mm
Operating temperature range	– 25 ... + 80 °C

### Specifications

reduction ratio (nominal)	weight without motor g	length without motor L2 mm	length with motor		output torque		direction of rotation (reversible)	efficiency %
			2642 W 3242 G L1 mm	2657 W 3257 G L1 mm	continuous operation M max. Nm	intermittent operation M max. Nm		
4 :1	150	37,8	79,8	94,8	0,75	1,0	=	88
7 :1	150	37,8	79,8	94,8	0,75	1,0	=	88
14 :1	195	47,3	89,3	104,3	2,25	3,0	=	85
19 :1	195	47,3	89,3	104,3	2,25	3,0	=	85
25 :1	195	47,3	89,3	104,3	2,25	3,0	=	85
29 :1	195	47,3	89,3	104,3	2,25	3,0	=	80
46 :1	195	47,3	89,3	104,3	2,25	3,0	=	80
68 :1	240	56,8	98,8	113,8	4,50	6,0	=	75
93 :1	240	56,8	98,8	113,8	4,50	6,0	=	75
124 :1	240	56,8	98,8	113,8	4,50	6,0	=	75
169 :1	240	56,8	98,8	113,8	4,50	6,0	=	70
236 :1	240	56,8	98,8	113,8	4,50	6,0	=	70
308 :1	240	56,8	98,8	113,8	4,50	6,0	=	70
344 :1	290	66,4	108,4	123,4	4,50	6,0	=	65
626 :1	290	66,4	108,4	123,4	4,50	6,0	=	65
1 140 :1	290	66,4	108,4	123,4	4,50	6,0	=	60
2 076 :1	290	66,4	108,4	123,4	4,50	6,0	=	60

**Note:** The reduction ratios are rounded, the exact values are available on request.

