

PG28 ϕ 26mm Series Micro Planetary Gearbox

Key Data: 8.0-100.0 W, 65-90%, 6,000-7,000 rpm

Standard Version



CONFIGURATION	
Version	Standard Version
Flange	Standard flange/ configurable flange
Output shaft	Stainless Steel/ configurable shaft
Bearing at output	Ball bearing
Ambient temperature	-40°C ~ +100°C

GEARBOX SPECIFICATION

Number of stages	Unit	1	2	3	4
Reduction	N:1	3.9/5.3/6.6	16/21/26/28 35	62/83/103 111/138/150 172/186/231	243/326/406 439/546/590 679/734/794
Max.transmittable continuous power	W	100.0	50.0	25.0	8.0
Max.transmittable intermittent power	W	125	62.0	31.0	10.0
Max.continuous torque	Nm	1.25	2.90	5.00	5.00
Max.intermittent torque	Nm	1.60	3.60	6.30	6.30
Max.continuous input speed	rpm	6,000	7,000	7,000	7,000
Max.intermittent input speed	rpm	7,500	8,750	8,750	8,750
Max. efficiency	%	90	81	72	65
Average backlash at no load	°	0.5	0.6	0.7	0.75
Max.axial load (dynamic)	N	100	100	100	100
Max.radial load (5 mm from flange)	N	170	160	160	150
Gearbox length L1	mm	24.2	36.9	43.5	50.2
Weight	g	103	150	174	198

OUTLINE DRAWING

