

DC Gear Motor Series

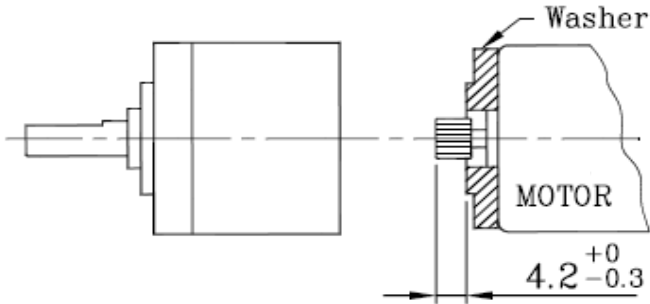


Gearbox with Ball/Sleeve Bearings

EP22B

Operating Relative Humidity: 20%~85%RH
 Operating Temperature Range: -10°C~+60°C

MOTOR INSTALLATION



SPECIFICATIONS

Reduction Ratio	Exact Reduction Ratio	Related Tolerance Torque	Max Momentary Tolerance Torque	Efficiency	Radial Play of Shaft		Thrust Play of Shaft		L	Module	No. of Teeth	Pressure Angle
					Sleeve Bearings	Ball Bearings	Sleeve Bearings	Ball Bearings				
1/5	4 ² / ₃	2.0kgf-cm Max	6.0 kgf-cm	80%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	23.3	0.4	12	20°
1/18,1/20,1/25	17 ¹ / ₂ , 20 ⁶ / ₁₃ , 25 ¹ / ₅	3.0kgf-cm Max	9.0 kgf-cm	70%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	29.5	0.4	10/13/16	20°
1/66,1/77,1/90	65 ⁵ / ₆ , 76 ¹⁹ / ₂₆ , 89 ¹²¹ / ₁₆₉	4.0kgf-cm Max	12.0 kgf-cm	60%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	35.7	0.4	13/16	20°
1/110,1/136	110 ³² / ₆₅ , 136 ² / ₂₅	4.0kgf-cm Max	12.0 kgf-cm	60%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	35.7	0.4	10	20°
1/246,1/336	246 ³ / ₃₂ , 336 ¹⁴⁷ / ₃₃₆	5.0kgf-cm Max	15.0 kgf-cm	50%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	41.9	0.4	13/16	20°
1/393,1/484	393 ⁸¹³ / ₂₁₉₇ , 484 ³⁹⁴ / ₈₄₅	5.0kgf-cm Max	15.0 kgf-cm	50%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	41.9	0.4	10/13	20°
1/597,1/735	596 ²¹⁴ / ₃₂₅ , 734 ¹⁰⁴ / ₁₂₅	5.0kgf-cm Max	15.0 kgf-cm	50%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	48.1	0.4	10	20°
1/1079	1079 ¹¹ / ₄₁₆	6.0kgf-cm Max	18.0 kgf-cm	40%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	48.1	0.4	13	20°
1/1475	1475 ⁶⁰⁵ / ₄₃₉₄	6.0kgf-cm Max	18.0 kgf-cm	40%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	48.1	0.4	13	20°
1/2124	2124 ²¹⁷⁶ / ₁₀₉₈₅	6.0kgf-cm Max	18.0 kgf-cm	40%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	48.1	0.4	10	20°
1/3968	3968 ⁵⁸ / ₆₂₅	6.0kgf-cm Max	18.0 kgf-cm	40%	≤0.05mm	≤0.04mm	≤0.3mm	≤0.3mm	48.1	0.4	10	20°

DRAWING

