

Spur Gearheads

0,1 Nm

For combination with:
 DC-Micromotors: 2224, 2230, 2233
 DC-Motor-Tacho Combinations: 2251

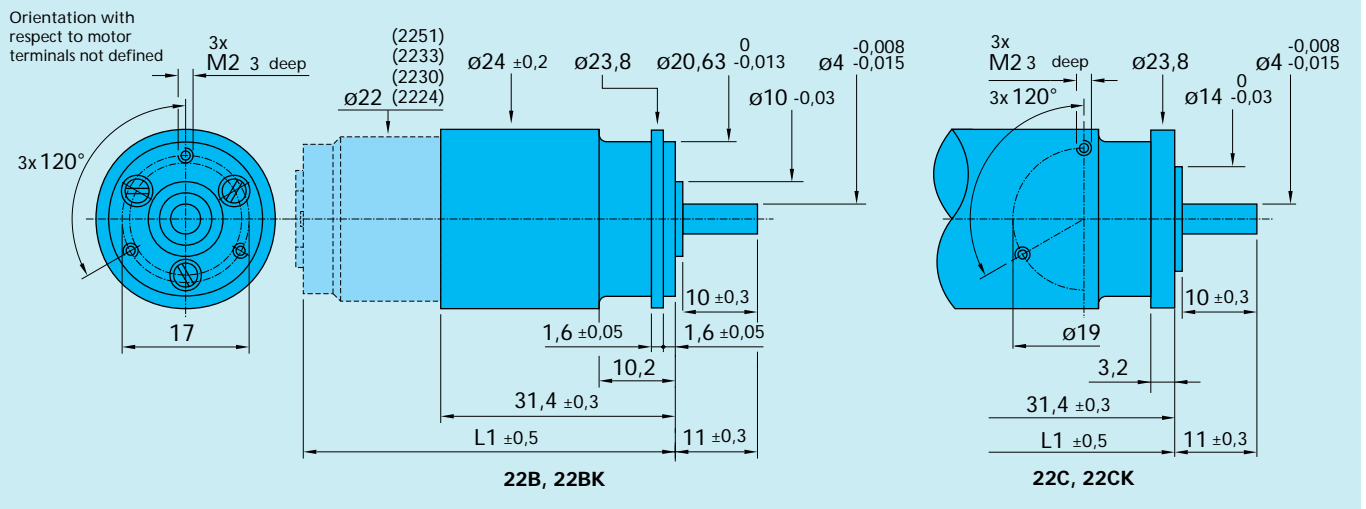
Series 22B, 22C

	22B and 22C	22BK and 22CK
Housing material	plastic/metal	plastic/metal
Geartrain material	all metal	all metal
Recommended max. input speed for:		
- continuous operation	4000 rpm	4000 rpm
Backlash, at no-load	≤ 3°	≤ 3°
Bearings on output shaft	sintered sleeve bearings	ball bearings
Shaft load, max.:		
- radial (6,0 mm from mounting face)	≤ 3 N	≤ 50 N
- axial	≤ 3 N	≤ 5 N
Shaft press fit force, max.	≤ 50 N	≤ 20 N
Shaft play (on bearing output):		
- radial	≤ 0,03 mm	≤ 0,03 mm
- axial	≤ 0,30 mm	≤ 0,30 mm
Operating temperature range	- 30 ... + 65 °C	- 30 ... + 65 °C

Specifications

reduction ratio (nominal)	weight without motor g	length with motor				output torque		direction of rotation (reversible)	efficiency %
		2224 V L1 mm	2230 V L1 mm	2233 V L1 mm	2251 V L1 mm	continuous operation M max. mNm	intermittent operation M max. mNm		
9 :1	22	40,7	46,3	49,1	67,1	30	100	=	81
13,5 :1	26	43,6	49,2	52,0	70,0	40	150	≠	73
21 :1	26	43,6	49,2	52,0	70,0	60	200	≠	73
27 :1	26	43,6	49,2	52,0	70,0	80	300	≠	73
40,5 :1	30	46,5	52,1	54,9	72,9	100	400	=	66
63 :1	30	46,5	52,1	54,9	72,9	100	400	=	66
81 :1	30	46,5	52,1	54,9	72,9	100	400	=	66
121,5 :1	34	49,4	55,0	57,8	75,8	100	400	≠	59
189 :1	34	49,4	55,0	57,8	75,8	100	400	≠	59
243 :1	34	49,4	55,0	57,8	75,8	100	400	≠	59
364,5 :1	38	52,3	57,9	60,7	78,7	100	400	=	53
567 :1	38	52,3	57,9	60,7	78,7	100	400	=	53
729 :1	38	52,3	57,9	60,7	78,7	100	400	=	53
1 093,5 :1	42	55,2	60,8	63,6	81,6	100	400	≠	48
1 701 :1	42	55,2	60,8	63,6	81,6	100	400	≠	48
2 187 :1	42	55,2	60,8	63,6	81,6	100	400	≠	48

These gearheads are available only with motors mounted.



For notes on technical data refer to "Technical Information" in the main catalogue

Specifications subject to change without notice