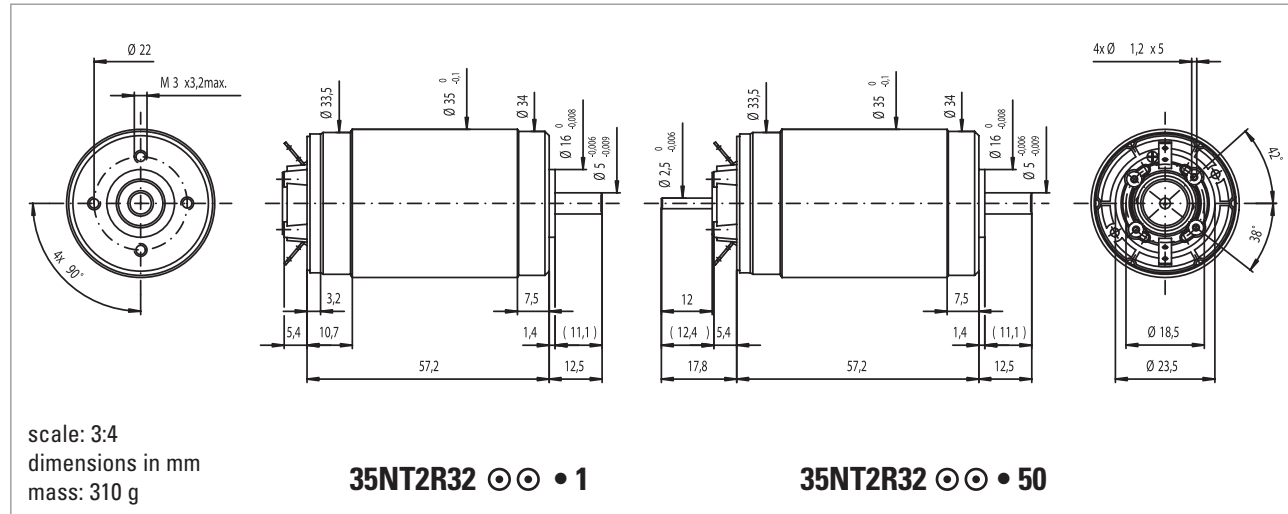


35NT2R32

Graphite/Copper Commutation System - 13 Segments

52 Watt



Winding Type	☉☉	-228P	-228E	-416SP
Measured Values				
Measuring voltage	V	9.0	15.0	24.0
No-load speed	rpm	4990	4320	4370
Stall torque	mNm (oz-in)	151 (21)	148 (20.89)	149 (21.11)
Average No-load current	mA	180	90.0	50.0
Typical starting voltage	V	--	--	--
Max. Recommended Values				
Max. continuous current	A	3.3	1.87	1.18
Max. continuous torque	mNm (oz-in)	52 (7.4)	57.9 (8.2)	58.3 (8.3)
Max. angular acceleration	10 ³ rad/s ²	54	56	55
Intrinsic Parameters				
Back-EMF constant	V/1000 rpm	1.76	3.40	5.40
Torque constant	mNm/A (oz-in/A)	16.8 (2.38)	32.5 (4.60)	51.6 (7.30)
Terminal resistance	ohm	1.0	3.4	8.30
Motor regulation R/k ²	10 ³ /Nms	3.5	3.4	3.12
Rotor inductance	mH	0.13	0.52	1.30
Rotor inertia	kgm ² 10 ⁻⁷	48.00	48.00	52.00
Mechanical time constant	ms	17	15	16

Executions				
		Single Shaft	For E9	HED5
Gearbox	Page	35NT2R32	35NT2R32	35NT2R32
R32	243	54	66	35
K40	247	54	66	35
R40	248	54	66	35

