


30mm

Für diese Zeichnung behalten wir uns alle Rechte nach DIN 34 for.

DRAWING CREATED WITH ISO STANDARDS

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1			2			3					
Tolerances Unless Otherwise Stated			Tolerances of Angle (Shortside of Angle)			Surface Finish			Dimension	Tolerance	
up to 6	over 6 up to 30	over 30 up to 120	up to 10	over 10 up to 50	over 50 up to 100						
±0.1	±0.2	±0.3	±1°	±30'	±20'						
3.0 MOTOR PARAMETERS											
		PARAMETER			SYMBOL			NOMINAL VALUE			UNITS
		RATED VOLTAGE			Vt			16			VDC
		TORQUE CONSTANT			Kt			2.4	Ncm/A	± 10%	
		VOLTAGE CONSTANT			Ke			2.6	V/KRPM	(REF)	
		SPEED REGULATION CONSTANT			Rm			915	RPM/Ncm	(REF)	
		MOTOR CONSTANT			Km			1.0	Ncm/SqrW	(REF)	
		STALL TORQUE			Ts			6.2	Ncm	(REF)	
		STALL CURRENT			Is			2.6	A	(REF)	
		NO LOAD SPEED			No			5800	RPM	± 10%	
		NO LOAD CURRENT			Io			0.170	A	MAX	
		③ TERMINAL RESISTANCE			Rt			6.7	OHMS	± 10%	
		DAMPING CONSTANT (INF. SOURCE Z)			Fi			0.014	Ncm/KRPM	(REF)	
		DAMPING CONSTANT (ZERO SOURCE Z)			Fo			1.0	Ncm/KRPM	(REF)	
		DYNAMIC FRICTION TORQUE			Tfd			0.22	Ncm	(REF)	
										-	232
										PI	KN
						ISO-E		Material Number		Internal	
								B		X	
								X		X	
						 BUEHLER MOTOR INC. CARY, NC 27512		Date	29SEP98	Substituted For	
								Drawn	NBRIDGES	-	
								Check	NDB	Replaced By	
								Appr.		-	
						Title SPECIFICATION					Scale N/A
						Exper. No. -					-
						Drawing Number 7.13.205.232 (4)					Sheet 2
						13.22 - - - - -					of 2
						Date Name Use					
1			2			3			ME10		

