

type of Gearbox / Size			XP040
gearbox Variant			M - Version
maximum acceleration output torque	T2B	Nm	600.000
alpha max. torque ⁽³⁾	T _{2Ü}	Nm	720.000
service life capacity ⁽³⁾	C _Ü	1	2.370E+14
emergency stop output torque ⁽¹⁾	T2Not	Nm	1100.000
nominal output torque	T2N	Nm	-1.000
maximum input speed	n1Max	1/min	5000.000
nominal input speed ⁽²⁾	n1N	1/min	0.000
limiting speed (temperature) ⁽³⁾	n _{1T}	1/min	3900.000
maximum cross load on output shaft	F2rmax	N	11500.000
maximum axial load on output shaft	F2amax	N	9000.000
maximum tilting moment on output shaft	M2k	Nm	1635.000
maximum cross load on input shaft	F1rmax	N	-1.000
maximum axial load on input shaft	F1amax	N	-1.000
maximum tilting moment on input shaft	M1k	Nm	-1.000
gearbox ratio	i	1	100.000
backlash (standard) output side	jstd	arcmin	4.0[arcmin]
backlash (reduced) output side	jred	arcmin	2.0[arcmin]
no load running torque ⁽⁴⁾	T012	Nm	1.300
no load running torque (reverse direction)	T021	Nm	0.000
torsional rigidity output side	Ct21	Nm/arcmin	75.000
tilting rigidity output side	C2K	Nm/arcmin	900.000
clumping hub diameter (Tol. F7)	D10	mm	24.000
mass moment of inertia (input side)	J1	kgcm ²	2.077
efficiency	η	1	0.940
mass	m	kg	16.500
lubrication			Depending on application
painting			BLUE Metallic 250
operating temperature			+90°C
degree of protection			IP 65
noise (input speed = 3000 rpm)	L	db(A)	60