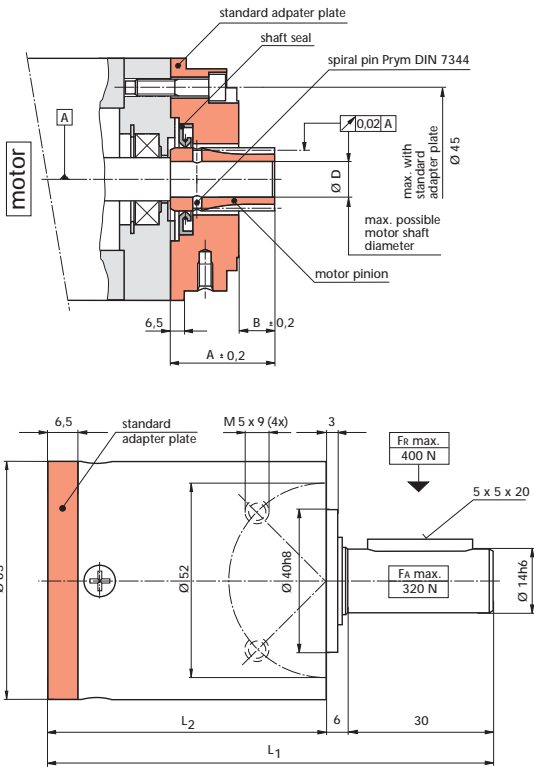


GYSIN Planetary Gearbox GPL 65

Rated torque in Nm (S1)	Type Standard
Rated torque in Nm (S1)	Type R Reduced
EMERGENCY STOP torque in Nm	
Rated torque in Nm (S5)	Type S Low backlash
Rated torque in Nm (S5)	Type V Heavy duty
EMERGENCY STOP torque in Nm	

	1-stage	2-stage	3-stage
Ratio (i)			
Motor shaft $\varnothing D \leq$			
*2	12	*10	9
3,5	14	12,25	14
4	12	14	12
5	9	16	12
6	6	20	12
7,67	5	24	12
		25	9
		30	9
		30,67	12
		38,33	9
		46	6
		58,78	5
			450,63
			235,11
			184
			144
			120
			100
			80
			70
			64
			56
			49

* Type Standard only



Technical and performance data:

Gearbox weight	kg	1,000	1,400	1,750
Dimension L1	mm	96,5	114,5	132,5
Dimension L2	mm	60,5	78,5	96,5
Dimension A	mm	34	32	32
Dimension B	mm	13	11	11
Efficiency at full load	%	96	90	85
Average mass inertia at drive	kgcm ²	0,120	0,080	0,075
No-load backlash Type Standard	arcmin \leq	20	35	50
No-load backlash Type V Heavy duty	arcmin \leq	20	35	-
No-load backlash Type R Reduced	arcmin \leq	10	20	30
No-load backlash Type S Low backlash	arcmin \leq	6	10	15
Torsional stiffness	Nm/arcmin	1,5	1,5	1,4
Rated speed at drive	min ⁻¹ \leq		4'000	
Max. rated speed at drive	min ⁻¹ \leq		6'000	
Temperature range	C		-30° / +90°	
Protection class	IP		54	
Service life	h		~10'000	