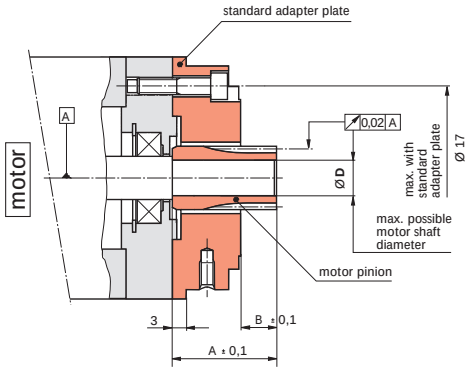
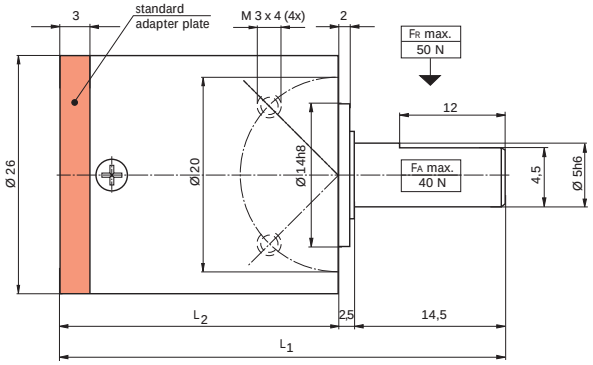
GYSIN Planetary Gearbox GPL 26

		1-stage	2-stage	3-stage
Rated torque in Nm (S1)	Type Standard	0,3	1	3
Rated torque in Nm (S1)	Type **R** Reduced	0,3	1	3
EMERGENCY STOP torque in Nm		0,6	2	6
Rated torque in Nm (S5)	Type **S** Low backlash	-	-	-
Rated torque in Nm (S5)	Type **V** Heavy duty	0,6	2	-
EMERGENCY STOP torque in Nm		1,2	3	6





	Ratio (i)	Motor shaft Ø D	Ratio (i)	Motor shaft Ø D	Ratio (i)	Motor shaft Ø D
	3,5	3	12,25	3	81,37	3
	4,33	3	18,78	3	112,67	3
	6	2	26	3	143,96	3
	7,67	1,5	33,22	3	199,33	3
			46	2	216	2
					276	2
					352,67	2

Technical and performance data:

		1-stage	2-stage	3-stage
Gearbox weight	kg	0,070	0,090	0,115
Dimension L1	mm	45	53	61
Dimension L2	mm	28	36	44
Dimension A	mm	14	14	14
Dimension B	mm	4,75	4,75	4,75
Efficiency at full load	%	96	90	85
Average mass inertia at drive	$kgcm^2$	0,012	0,010	0,095
No-load backlash Type Standard	arcmin ≤	20	35	50
No-load backlash Type **V** Heavy duty	arcmin ≤	20	35	-
No-load backlash Type **R** Reduced	arcmin ≤	10	20	30
No-load backlash Type **S** Low backlash	arcmin ≤	-	-	-
Torsional stiffness	Nm/arcmin	0,24	0,26	0,25
Rated speed at drive	min^{-1} ≤	6’000		
Max. rated speed at drive	min^{-1} ≤	10’000		
Temperature range	C	-30° / +90°		
Protection class	IP	44		
Service life	h	~10’000		

Stock programme • Standard programme • Special programme (on request)