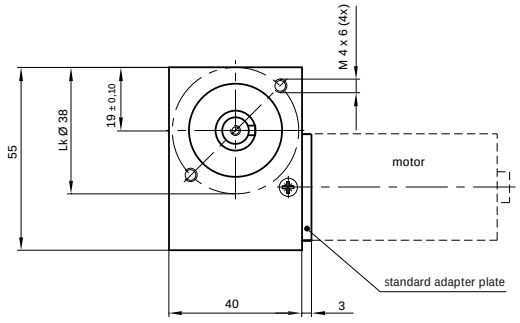
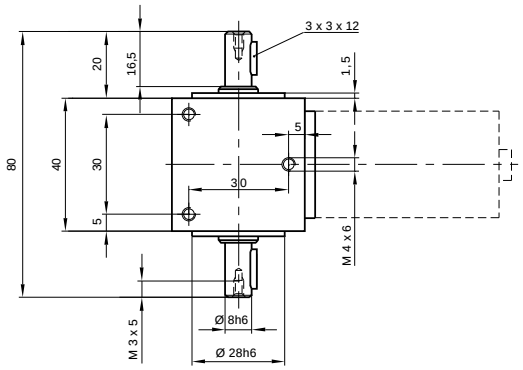
GYSIN Worm Gearbox GSR 17

		GSR 17
Rated torque in Nm (S1)	Type Standard	2
Rated torque in Nm (S5)	Type Standard	3
EMERGENCY STOP torque in Nm		4
Rated torque in Nm (S1)	Type **R** Reduced	2
Rated torque in Nm (S5)	Type **R** Reduced	3
EMERGENCY STOP torque in Nm		4





Ratio (i)	Efficiency in %
5	85
7	80
10	75
15	65
20	60
25	55
30	50
40	45
50	40
60	40

Technical and performance data:

Gear unit weight	kg	0,300
Dimension L min.	mm	14
Dimension L max.	mm	25
Dimension l	mm	3
Ø d standard mount	mm	6h6
Lk Ø max.	mm	22
Centre distance	mm	17
Average mass inertia at drive	$kgcm^2$	0,030
No-load backlash Type Standard	arcmin ≤	30
No-load backlash Type **R** Reduced	arcmin ≤	15
Self-locking whenever step-down ratio	≥	25
Max. radial load, poor fastening	N	100
Max. axial load	N	120
Torsional stiffness	Nm/arcmin	0,42
Rated speed at drive	min^{-1} ≤	4'000
Max. rated speed at drive	min^{-1} ≤	6'000
Temperature range	C	-30° / +90°
Protection class	IP	44
Service life	h	~ 5000

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