

# Datasheet

## RS Pro DC Geared Motor

### General data

Bearing on output shaft	sleeve	
Maximum radial load		
5 mm from bearing	45	N
Maximum axial load	30	N
Maximum press on force		
spindle supported at rear end 1	450	N
Radial play, 5 mm from bearing	<0.1	mm
Axial play	max 0.2	mm
Max. recommended input speed,	-5000	rpm
Backlash at no load	1	°
Backlash at nominal load	3	°
Temperature range	-10/+90	°C

### Product combinations

2-29/02  
2-22/02  
2-40/07  
2-40/12  
3-30/05

Gearhead Order No	Ratio	Number of stages	Efficiency [%]	Maximum torque continuous [Nm]	Maximum torque intermittent [Nm]	Direction of rotation w.r.t. motor	Weight [g]	L1 [mm]
GS38.0006	6:1	2	82	0.15	0.3	=	55	16
GS38.0010	10:1	2	82	0.15	0.4	=	55	16
GS38.0018	18:1	3	74	0.25	0.6	≠	60	18.5
GS38.0030	30:1	3	74	0.25	0.7	≠	60	18.5
GS38.0060	60:1	4	67	0.4	1.8	=	65	21
GS38.0100	100:1	4	67	0.7	1.8	=	65	21
GS38.0200	200:1	5	61	0.7	1.8	≠	70	23.5
GS38.0500	500:1	6	55	0.7	2.0	=	75	26
GS38.0900	900:1	6	55	0.7	2.0	=	75	26

