ERMEC
Distribución de componentes eléctricos y electrónicos

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Gear motor
MR 742 45 2C

12/24 Vdc 30 W ø 45

Type	Ratio	L mm	* R.P.M. no load min^{-1}	* R.P.M. S 1 min^{-1}	S1 Torque Nm	* R.P.M. S2 min^{-1}	S2 Torque Nm	Max Torque Nm
MR 742 45 1/4	4	130	900	785	0,17	685	0,29	1,35
MR 742 45 1/6	6	130	600	554	0,25	490	0,41	1,9
MR 742 45 1/16	16	146	230	206	0,6	164	1,12	4,2
MR 742 45 1/24	24	146	150	135	0,91	117	1,65	6,3
MR 742 45 1/36	36	146	98	82	1,4	73	2.25	8.8
MR 742 45 1/64	64	162	55	49	1,9	43	3,3	14
MR 742 45 1/96	96	162	37,5	33	3,1	28	6,2	22
MR 742 45 1/144	144	162	26	22	5,8	19,5	9,5	32
MR 742 45 1/216	216	162	16,5	14	7,7	12,5	13,5	I Max 3A
MR 742 45 1/576	576	176	6,7	5,5	18	4,8	I Max 1,6A	-
MR 742 45 1/1296	1296	176	2,9	2,4	I Max 0,65A	-	-	-

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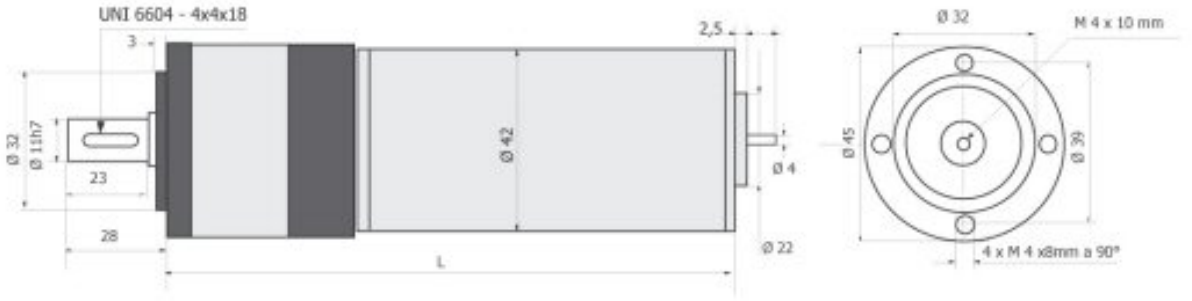

Length "L" of the gearmotor as a funtion of reduction and outlet number of revolution with the standard motor 742
30 output W 3700 Rpm loadness, 24 Vdc. Outlet shaft is supported by two coupled screened bearings.
The motor has an electrical suppressor system for the CE standard.
The motor and the reduction gear are both plated for corrosion strength.
Connecting 2 wire 0,75 x 250 mm.
* The speed rotation can change of ± 10%.
The S1 load test was made using a 1,2 A corrent in the air with an increase of temperature of 70° C.
The S2 load test was made using a 1,6 A corrent in the air with a timing 5' ON 5' OFF with an increase of temperature
of 80° C max. The starting corrent is 5 A and cannot be mantained for more than 2".
Max forces which may act on the outlet shaft: Axial 30 kg, Radial 40 kg on the extremity of outlet shaft.
It is possible to apply an encoder.