

Variable reluctance geared stepper motors



Types

	80 917 3	80 927	80 927	80 947	80 947
Number of phases		2	4	2	4
Reduction ratio / Part numbers					

12.5	•	80 927 019	80 927 020	80 947 019	80 947 020
25	•	•	•	80 947 001	80 947 010
31.25	•	•	•	•	•
41.66	•	•	•	•	•
62.5	•	•	•	•	•
83.33	•	•	•	•	•
125	•	•	•	•	•
250	•	80 927 006	•	•	•
500	•	•	•	•	•
750	•	•	•	•	•
2500	•	•	•	•	•

Characteristics

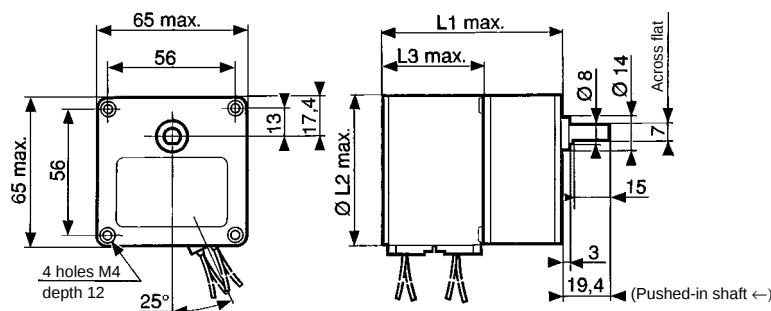
Motor		82 910 3	82 920 001	82 920 012	82 940 002	82 940 015
Gearbox		81 037	81 037	81 037	81 037	81 037
Maximum permitted torque on gearbox for continuous rating	N.m	5	5	5	5	5
Number of phases		2/4	2	4	2	4
Axial load static	daN	2	2	2	2	2
Radial load static	daN	3	3	3	3	3
Absorbed power	W	5	7.5	7.5	12.5	12.5
Coil temperature	°C	120	120	120	120	120
Weight	g	410	530	530	860	860
Lead length (approx)	mm	250	250	250	250	250
Protection		IP 40	IP 40	IP 40	IP 40	IP 40

Options : With catalogue products non stocked (see dimensions)

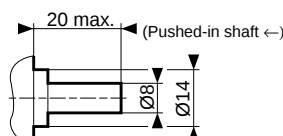
8 Ø round shaft 79 206 478	•	•	•	•	•	•
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Dimensions

80 917 3 - 80 927 - 80 947



Shaft 79 206 478



Type	L1 (mm)	Ø L2 (mm)	L3 (mm)
80 917 0	55.3	35.8	22.3
80 927 0	59.2	51.3	25.6
80 947 0	76.6	65.3	43

Other information

Other versions are possible to special order in reasonable quantities :

- other reduction ratios
- special grease
- output shaft carried in ball bearings
- available with other gearboxes in the Crouzet range
- special shafts
- different exit angle for leads

To order, specify :

Standard products

3 Part number

Example : Variable reluctance geared stepper motor 80 927 019

Standard product, non stocked

1 Type 2 N° of phases 3 Reduction ratio 4 Option
Example : Variable reluctance geared stepper motor 80 927 - 2 phases - Ratios 31.25 - Shaft 79 206 478