

VERSIONS, MAIN DATA

Example:

M - 012 - W / N - I4 - A / G - S

Type:

M – Motor with Fixed displacement

Size:

012 – Displacement cm³/rev

- 017
- 025
- 034
- 047
- 064
- 084
- 108

Direction of Rotation

W – Independent

Shaft Seal

- N – Nitrile
- H – Nitrile, high Pressure
- V – Viton, high temperature

Connection Cover

- S – Angled 40° to the shaft center line
- K – Combi
- R – Side Port connection
- V - Angled 90° to the shaft center line

Connections:

- G – ISO G thread
- F – Flange

Type of Shaft:

- S – Spline Shaft
- K- Keyed Shaft

Mounting flange:

I4 – ISO 4 Bolt

Choice of Shaft Seal

Motor SCM	Code	Temp °C	Max. housing pressure MPa at rpm								
			1000	2000	3000	4000	5000	6000	7000	8000	9000
012-034	N	75	0.55	0.27	0.18	0.14	0.11	0.09	0.08	0.07	0.06
	H	75	2.46	1.23	0.82	0.61	0.49	0.41	0.35	0.31	0.27
	V	90	0.55	0.27	0.18	0.14	0.11	0.09	0.08	0.07	0.06
047-064	N	75	0.55	0.27	0.18	0.14	0.11	0.09	0.08		
	H	75	2.46	1.23	0.82	0.61	0.49	0.41	0.35		
	V	90	0.55	0.27	0.18	0.14	0.11	0.09	0.08		
084-108	N	75	0.38	0.19	0.13	0.10	0.08	0.06			
	H	75	1.72	0.86	0.57	0.43	0.34	0.29			
	V	90	0.38	0.19	0.13	0.10	0.08	0.06			
<i>Subject to design modifications without notice</i>	Factors affecting the choice of shaft seal include the hydraulic motor housing pressure and the drainage oil temperature.					The drainage oil should have a maximum temperature of 75°C with a Nitrile shaft seal and 90°C with a Viton shaft seal. These temperatures must not be exceeded					
			<i>Code according to Versions, main data</i>								

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