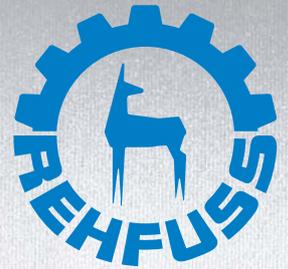
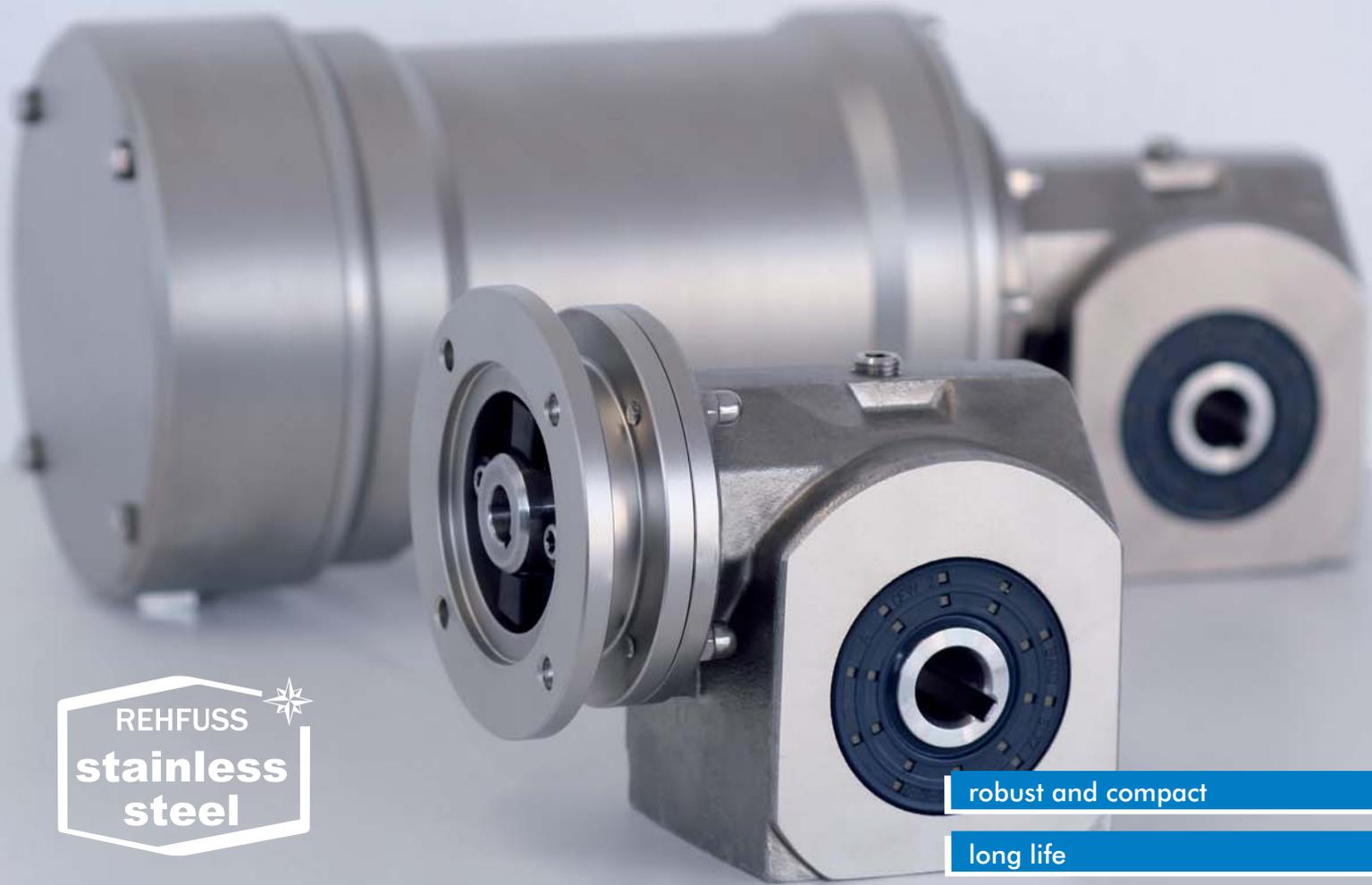


success based on **quality**
and **reliability**



Worm gearboxes and geared motors in stainless steel



robust and compact

long life

highest efficiency

housing made of 1.4308

shaft made of 1.4301

life-time lubrication

NOTOX - Edition

various installation positions

stainless steel motors

IEC coupling

customized solutions

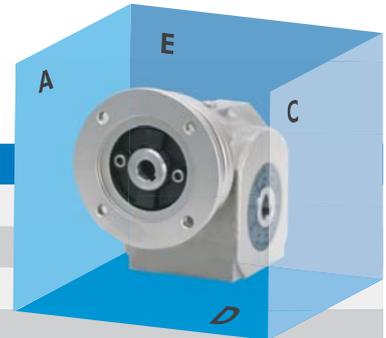
A new definition of quality – Stainless steel

When using production devices and machines in some industrial sectors, hygienic aspects, demands for easy cleaning as well as demands for the quality on the materials and components used are very important. Examples for such applications can be found particularly in the food industry; the chemical or petrochemical industry.

Rehfuss offers with the SMN-series, the worm gearbox series made completely from stainless steel, an optimum solution for all applications where cleanness, hygiene and increased demands for material quality are important. Dirt cannot deposit on the absolutely smooth surface. These drives show a very high resistance against aggressive substances as well.

Technical specifications:

Worm gearboxes SMN-series



Type			SMN021			SMN031			SMN051		
Centre distance	a	mm	33			40			63		
Reduction	i min - max		5 - 75			6,75 - 80			6 - 70		
Output torque	M max	Nm	26			50			180		
Input power	Pe max	kW	0,55			1,1			2,2		
Motor type	Standard		63			71			80		
Hollow shaft	Ø	mm	15			20			25 / 30		
Executions			HG	HZ	HU	HG	HZ	HU	HG	HZ	HU
Mounting face	A			•	•		•	•		•	•
	C			•	•		•	•		•	•
	D		•		•	•		•	•		•
	E				•			•			•

Standard:

- Housing made of 1.4308 / 1.4301
- Hollow shaft made of 1.4301
- Life-time lubrication
- IEC standard motor coupling

Options:

- Flange version
- Solid shaft
- Stainless steel motor made of 1.4301
- NOTOX - lubrication

3-phase motor N-series



without fan
(OL - type)



with separate fan

Type			N63L/4		N71L/4		N80L/4		N90L/4*	
Motor power	P	kW	0,18		0,37		0,75		1,5	
Rated speed	n	1/min	1440		1430		1440		1440	
Rated voltage	at 50 Hz	V	230/400		230/400		230/400		230/400	
Rated voltage	at 60Hz	V	265/460		265/460		265/460		265/460	
Rated current at 230/400 V		A	1,1/0,6		1,5/0,9		3,0/1,7		5,9/3,4	
Rated torque	M _n	Nm	1,2		2,5		5,0		10	
Weight	m	kg	8		10,8		20		27	

Standard:

- Stainless steel 1.4301
- Mounting position B14
- Enclosure IP65
- Separate fan available upon request up to size 80
- Only available with separate fan starting at size 90

Options:

- B5 flange
- Foot mounted version
- 2 or 6 -pole version
- Available up to 7,5 kW input power
- Further information upon request

* only available with separate fan starting at size 90