

Model code ABSKG-40AL9/VAZPF-005/100L/1
Material number R919100244

Description

Basic unit

Type	ABSKG	Modular standard unit ABSKG type
Motor voltage	400	400 V
Motor frequency	50	50 Hz
Nominal speed	1500	1500 rpm
Pump design	A	External geared pump
Nominal size	5	Displacement 5 cm ³
Pumped flow	7.1	l/min
Max. operating pressure	185	Permissible operating pressure 185 bar
Operating pressure	185	Operating pressure 185 bar
Maximum set pressure of pressure relief valve	200	Maximum set pressure of pressure relief valve 200 bar
Drive power	3.00	3.00 kW
Container size	40	40 liters
Oil-air cooler		Without
Control variant	1	Pressure control unit in accordance with AB 42-15

Options and accessories

Filter contamination display	1	Visual
Level/temperature switch		Without
Thermostat		Without
Hand pump		Without
Oil leakage pan/feet		Without
Labeling	1	Without
Coloring	0	Standard (cover with galvanic coating in accordance with DIN 50979)

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Technical data

Container capacity	40 l
Pipe ports	Connecting thread in accordance with ISO 1179 (DIN 3852-2 shape X) or pipe connections in accordance with ISO 8434 part 1
Hydraulic fluid	HLP mineral oil in accordance with DIN 51524 part 2, ISO VG 46 Please pay attention to our regulations in accordance with Data Sheet RD 07075!
Breather filter filtration grade	10 µm
Return filter filtration grade	10 µm
Viscosity range	12 to 800 mm²/s (recommended range: 20 to 100)
Maximum permitted degree of contamination of pressure fluid	Purity classes according to ISO 4406 (c) in accordance with the requirements for the hydraulic overall system The purity classes specified for the components must be complied with in hydraulic systems. Effective filtration prevents faults and also increases the service life of components. For information on selecting filters, see Data Sheet RD 51424.
Electric motor current type	Three-phase alternating current
Electric motor voltage	230/400 V 50 Hz or 400/690 V 50 Hz according to IEC 60038
Electric motor number of pins	4
Electric motor degree of protection	IP55
Type of piping	Two-edge cutting ring in accordance with ISO 8434 part 1 (DIN 2353); light/heavy series or tube shaping system in accordance with AB-20-03
Surface treatment of cover	Galvanic coating in accordance with DIN 50979
Surface treatment of tubes	Fe/Zn8/A-Cr6 free
Surface treatment of components	Delivery condition - without additional surface treatment
Surface treatment of container	Without surface treatment

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Note:

The units planned with this configurator do not constitute a complete machine as defined by the EC Machinery Directive 2006/42/EC.

The hydraulic unit is manufactured according to generally accepted technological requirements.

Installation of the hydraulic unit in the manufacturer's machine presents additional possible risks due to interactions between the hydraulic unit and the overall machine. This particularly applies for the effect of hydraulic and electrical controls on hydraulic drives which generate mechanical movements. Therefore, the manufacturer of the overall machines must have carried out an independent risk assessment.

On this basis, he must also have created operating instructions for the overall machine.

The product may only be put into operation if it is installed in the machine or system for which it is designed and it fully meets the requirements of the EC Machinery Directive.

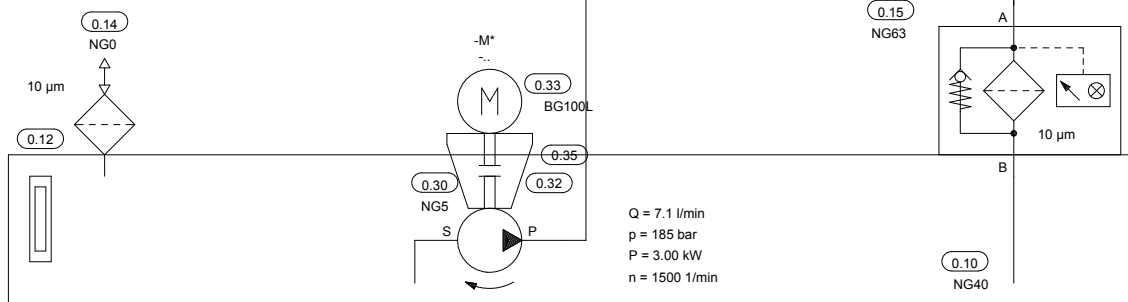
When installing and commissioning, it is essential to adhere to the "General operating instructions for hydraulic units and hydraulic assemblies" RD 07009-B/09.09!

Attention: the project planning and commissioning must only be carried out by qualified, trained personnel with specialist knowledge of hydraulics.

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AGGREGATGRENZE



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For this drawing non-warranty exists, because it was created automatically.

Ind.		Change/Aend.		YYYYMMDD		Drawn/Gez.		Checked/Gepr.		Released/Freig.	
Lang./Spr.		Wght./Gew.		Crit. P.		Scale/M.stab		Mat. meets/Stoffe s.		Syst.	
MNR		see above/siehe oben		ZN 07950-01		ACA		Repl. for		Repl. by	
Rexroth Bosch Group		ABSKG-40AL9/AZPF-005/100L/1		Doc. type		R919100244		DP/ID		Ind.	
1/		Format		A3							

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Component list

0.10	R901028367	ABZBR- 40/09-B 1 A/M	1 Unit	AB40-09
0.12	R900007824	OIL-LEVEL GAUGE AB31-21/127	1 Unit	AB31-21
0.14	R928018808	AIR FILTER FEF 0 P10-F00	1 Unit	RD51413
0.15	R928031748	10TEN0063-H10XLA00-V2,2-M-R3-R110	1 Unit	RD51424
0.30	R918C00201	AZPF-10-005RCB20MB	1 Unit	
0.32	R900070694	COUPLING KD 24-B17/28X50-98	1 Unit	AB33-22
0.33	R901296221	MOT-EC-ET2-B5-100L-4-5CA-3-A3T-HOY	1 Unit	ZN 10601-1
0.35	R900011254	AC PBR 80CS4H/A 250/116-1X/DH-AL	1 Unit	AB33-37
0.51	R900827581	PRESSURE CTRL UNIT AB42-15/10-200SM1	1 Unit	AB42-15