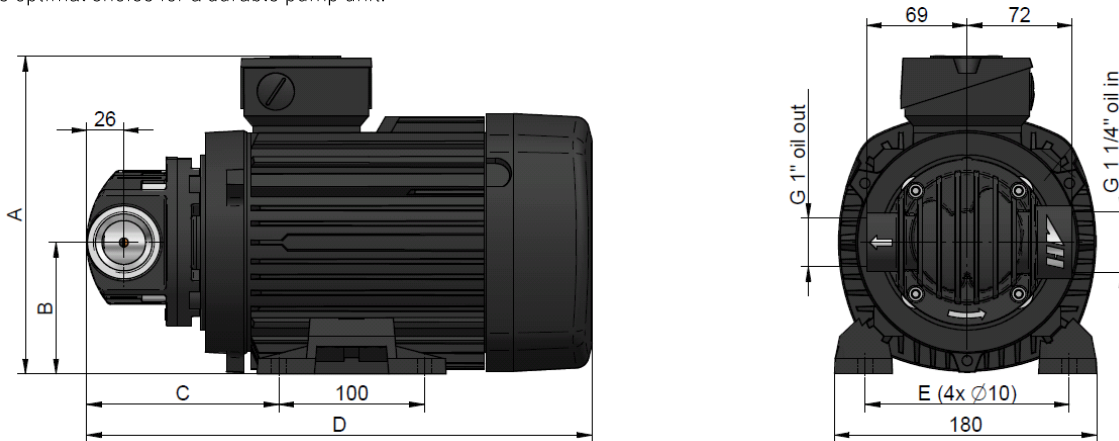


Gerotor Pump Unit

30l/min, 230/400V 50Hz



The **asa** gerotor pump unit fulfills the requirements of a modern hydraulic system. The compactness of the gerotor pump design saves weight and space. Furthermore the solid shape of the pump is high resistant for hydraulic and mechanic impact loads. The low noise level and the easy connection complete this product to a highly flexible and reliable system for various applications. The coupling with a high quality standard motor is the optimal choice for a durable pump unit.



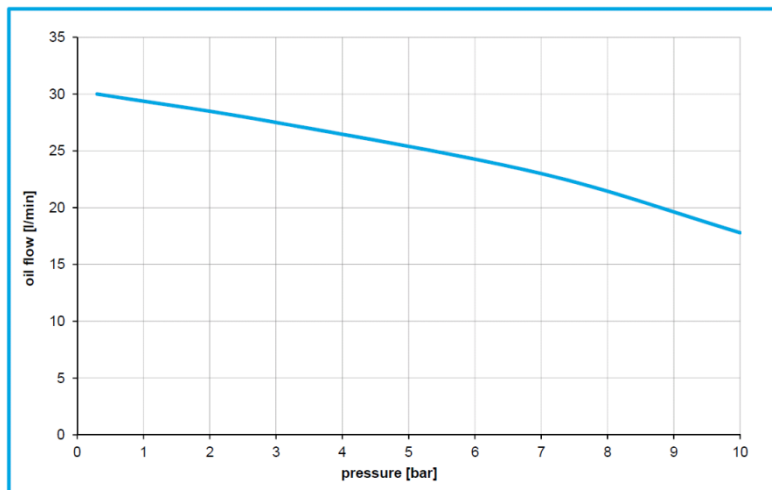
Technical Data

description	order number	A	B	C	D	E
		[mm]	[mm]	[mm]	[mm]	[mm]
GERO unit 100	HY0200758G	190	80	127	290 ± 25	125
GERO unit 250	HY0201108G	217	90	132	347 ± 25	140

description	order number	motor power	max. oil viscosity	oil flow	neg. pressure	poles	max. current	60Hz	weight
		[kW]	[cSt]	[l/min]	[bar]		[A]		[kg]
GERO unit 100	HY0200758G	0,75	100	30	-0,4	4	3,1	•*	13,8
GERO unit 250	HY0201108G	1,10	250	30	-0,4	4	2,6	-**	16,6

Pump Characteristic

* ... 60Hz possible, 276/480 V
 ** ... 60Hz only on request



Test our optional vibration absorbers:

best practice!

- noise reduction
- high durability
- high shear loads

Material

pump housing	aluminium
gerotor	sintered steel
sealings	NBR

Options

on request	other voltages
	UL- or CSA approvals
	higher protection levels
vibration absorber M8	MDGQ403008IIK

Working Range

ambient temperature	-20°C to +40°C
working pressure range	(relative)
suction side	-0,4 to 0 bar
pressure side	0 to 10 bar
max. oil temperature	80°C (100°C on request)
fluids	mineral oils

This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Due to different conditions in testing and application environments the cooling performance may also vary by +/- 15%. Therefore we recommend all products to be checked under the system operating conditions. This is also true of vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2768-v. General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (class M4-F+C). The tolerances of welding seams are defined by quality group D according to EN ISO 10042, if it is not specified on the actual scale drawing or data sheet. In addition to that we point out that any data sheet and corresponding scale drawing is no substitution for the manual.
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