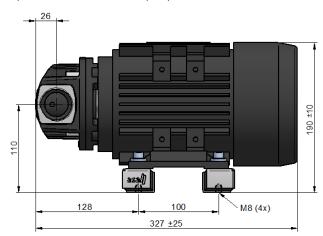
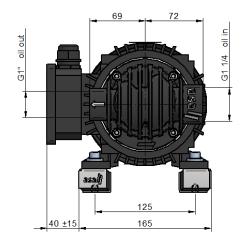
# **Gerotor Pump Unit** 230/400V 50Hz with rubber vibration absorber configuration



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.

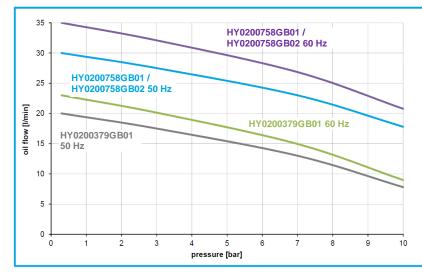




#### **Technical Data**

order number	description	poles	max. oil viscosity	oil flow	neg. pressure	weight
			[cSt]	[l/min]	[bar]	[kg]
HY0200379GB01	Gerotor pump unit 50/60Hz+Vib.abs.+bush	6	100	20	-0,4	13,1
HY0200758GB01	Gerotor pump unit 50/60Hz+Vib.abs.+bush	4	100	30	-0,4	14,2
HY0200758GB02	Gerotor pump unit 50/60Hz+Vib.abs.+bush IE3	4	100	30	-0,4	14,8

## **Pump Characteristic**



#### @50Hz

order number	motor power	max. current*	oil flow
	[kW]	[A]	[l/min]
HY0200379GB01	0,37	1,24	20
HY0200758GB01	0,75	1,80	30
HY0200758GB02	0,75	3,04	30

#### @60Hz

order number	motor power	max. current*	oil flow
	[kW]	[A]	[l/min]
HY0200379GB01	0,43	1,24	23
HY0200758GB01	0,90	1,80	35
HY0200758GB02	0,90	1,75	35

<sup>\*</sup>to be checked with the actual motor type plate

#### **Material Pump**

pump housing	aluminium		
gerotor	sintered steel		
sealings	NBR		
bushings	bronze		

#### **Options**

on request	other voltages
	UL- or CSA approvals
	higher protection levels

### **Working Range**

ambient temperature	-20°C to +40°C
max. working pressure	10bar
max. oil temperature	80°C (100°C on request)
fluids	mineral oils

#### **Material Vibration Absorber**

metal	zinc coated steel		
elastomer	natural rubber		
working temperature	-30°C to +80°C		

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, as a 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 are according to SIO 3302-1 (class M4-F+C). The tolerances of well-F+C) and AF+F-C) are tolerances of well-F+C. The tolerances of well-F+C and AF+F-C) are tolerances of well-F+C. The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C and SIO 302-2 (class M4-F+C). The tolerances of well-F+C a