

DGFIT_{MM-MT}

*Range of - air cooled - pump inverters
motor or wall mountable
designed to control (and protect) pumping systems*

1.5 Hp
2.0 Hp
3.0 Hp

M/M, M/T
versions

Single &
multiple pump

Enclosure
IP65

INVERTER TECHNOLOGY

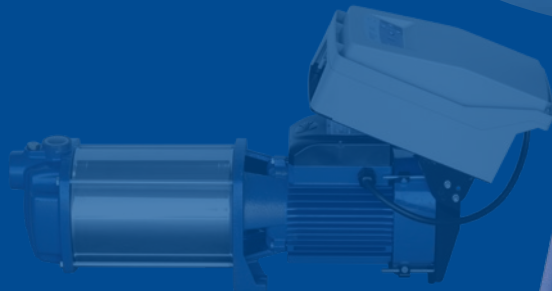


The comfort
of constant
Pressure

Simplified
installation

Energy
& cost saving

Longevity
of pump system



**DG
FLOW**[®]



*From water supply for domestic, irrigation,
commercial applications fits
any new and existing installation.*



CONFIGURATION EXAMPLES

SINGLE PUMP

MULTIPLE PUMP SET



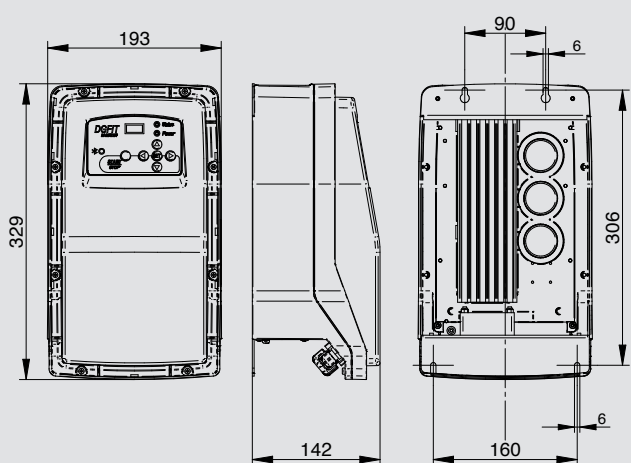
Multiple pumps configuration is allowed by the built-in RS485 communication board Master/Slave/Slave setup through software. This guarantee :
 1) automatic pump switch-over at every restart
 2) automatic exclusion of pump/inverter in alarm
 3) automatic system reconfiguration in case master shut down.

MOTOR-ON-BOARD INSTALLATIONS

DGFIT cooling is guaranteed by the integrated forced air ventilation system. The optional kit item D01146K01 allows to motor mount DGFIT to any vertical and horizontal pump



DIMENSIONS



Boxed dimensions and weight: 4,4 Kg

FEATURES

- Integrated forced-air cooling
 - 3 input signals available:
 - Pressure sensor
 - Flow sensor (optional)
 - Aux (e.g. Level Probe)
 - 1 output signal (i.e. alarm)
 - 1 RS 485 port
 - Second pressure set point
 - Accepted pressure sensors:
 - 4-20 mA
- Pressure range: 10/16/25/40 bars
- Wall mounted (standard product) & pump mounted (by optional kit)

TECHNICAL DATA

- Enclosure : IP 65
 - Max ambient temp 40°C
 - Voltage: +/- 10%
 - Frequency: 50-60Hz
 - Weight : 4,4 kg
- Dimensions : see pictures

PROGRAMMING

- The initial programming setup assistant (**wizard**) will drive user through this initial process.

The simplified software structure is made by 4 menu as follows:

- basic,
- advanced
- inspection
- test

DGFIT PROTECTS

- Dry-run (automatic reset)
- Pressure sensor malfunctioning
- Anomalous currents & voltages
- Anomalous temperatures
- Missing phase (MT version only)

WIRING

Electrical connections are:

- safe by the limited access to the drive electronic (thanks to its cover)
- easy by presence of terminal blocks

Model	Item	Power		Max current	Input Voltage	Output Voltage	Output Frequency	Multi pump applications	IP rate
		Kw	HP						
DGFIT MM 08	D01146004	1,1	1,5	8,5	1 x 230V	1 x 230V	50/60	Yes*	65
DGFIT MM 11	D01146003	1,5	2,0	11	1 x 230V	1 x 230V	50/60	Yes*	65
DGFIT MM 16	D01146002	2,2	3,0	16	1 x 230V	1 x 230V	50/60	Yes*	65
DGFIT MT 7	D01146005	1,1	1,5	7	1 x 230V	3 x 230V	50/60	Yes*	65
DGFIT MT 12	D01146001	2,2	3,0	12	1 x 230V	3 x 230V	50/60	Yes*	65

* Built-in communication card



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