

# DGFIT<sub>T/T</sub>

*Three phase - air cooled - pump inverter motor or wall mountable designed to control (and protect) pumping systems*

Enclosure  
IP54

3.0 Hp  
4.0 Hp

Single &  
multiple pump



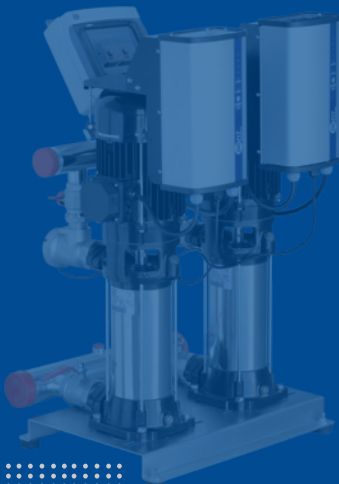
**INVERTER TECHNOLOGY**

*The comfort  
of constant  
Pressure*

*Simplified  
installation*

*Energy  
& cost saving*

*Longevity  
of pump system*



**DG  
FLOW**<sup>®</sup>

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



## CONFIGURATION EXAMPLES

### SINGLE PUMP

### MULTIPLE PUMP SET (up to 3 pumps)



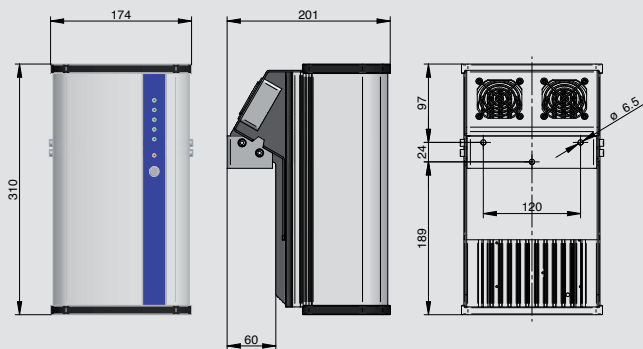
Multiple pumps configuration requires 1 communication card (optional) each DGFI.Item DR1145K01  
Master/Slave/Slave setup and configurations will be done through software.  
This guarantee:  
1) automatic pump switch-over at every restart  
2) automatic exclusion of pump/inverter in alarm  
3) automatic system reconfiguration in case master shut down.

## MOTOR-ON-BOARD INSTALLATIONS

Standard DGFI can be directly wall mounted; cooling is guaranteed by the integrated forced air ventilation system. The optional kit (item D01145K01) allows DGFI to be mounted on pump motor (vertical and horizontal pumps)



## 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 interface port
- Second pressure set point
- Accepted pressure sensors:
  - 4-20 mA
- Pressure range : 10/16/25/40 bars or 0,5-4,5 volts(analogue)
- Wall mounted (standard product) & pump mounted (by optional kit)

## TECHNICAL DATA

- Enclosure : IP 54
- Max ambient temp 40°C
- Voltage: +/- 10%
- Frequency: 50-60Hz
- Weight : 6,4 kg
- Dimensions : see pictures

## TOTAL PROTECTION

- Dry run protection with automatic reset.
- Pressure sensor malfunctioning
- Inverter over temperature
- Missing phase
- Anomalous currents & voltages

## WIRING

Electrical connections are:

- Safe thanks to 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 Fre-quency	Multi pump applica-tions	IP rate
		Kw	HP						
T/T 06 E	D01145319	2,2	3,0	6	3 x 400V	3 x 400V	50/60	Yes*	54
T/T 08 E	D01145315	3,0	4,0	8	3 x 400V	3 x 400V	50/60	Yes*	54

\* By fitting the "expansion board" (DR1145K01)

<b>D01145K01</b>	KIT FOR PUMP MOTOR ON-BOARD MOUNTING
<b>DR1145K01</b>	RS-485 COMMUNICATION MODULE AMONG DGFI

