

VANDENS SIURBLIAI, UAB  
Įmonės kodas 144708571  
PVM kodas LT447085716  
Girulių g. 24, Šiauliai  
LT78138, Lietuva

 vandens  
SIURBLIAI  
VANDUO BE RŪPESČIŲ




## DAŽNIO KEITIKLIS 4.0 KW ARCHIMEDE ITTP4.0W-RS - 1506.45 €

**Gamintojas**



**APRAŠYMAS:**

**YPATYBĖS**  **Archimede**  
PUMP · INVERTER

ITTP dažnio keitikliai skirti siurblių trifazių variklių sukimosi greičio ir sukimo momento valdymui. Pagal poreikį galima valdyti variklius ir taupyti energiją, užtikrinant, kad elektros variklis didžiausią sukimo momentą pasiektų esant mažoms apsukoms. Platus pritaikymas, patikimumas ir efektyvumas leidžia dažnio keitiklius naudoti tiek pramonėje, tiek buitėje ir taip taupyti kiekvieną dieną sumažinant išlaidas elektros energijai ir padidinant jos panaudojimo efektyvumą. Naudojant sausiai statomą siurblių ir montuojant keitiklį prie pat jo, leistina, kad siurblio nominalus galingumas atitiktų keitiklio galingumą. Naudojant giluminį siurblių, keitiklio galingumas parenkamas viena pakopa aukščiau (pvz. 1,1kW giluminiam siurbliui reikia 1.5kW keitiklio). **TECHNINIAI DUOMENYS**

- Įtampa [V] : 3x (200-440) V
- Apsaugos klasė: IP55
- Maksimali išėjimo srovė: [A] 10,0

- Slėgio matavimo diapazonas: 0 ... 50 bar
- Slėgio daviklis K16 komplekte
- Siurblio elektros variklio maksimali galia [kW] 4,0 (sausai statomiems)
- Ryšys su kitais dažnio keitikliais RS485
- LCD ekranas

Gamintojas: [ELECTROIL, Italija](http://ELECTROIL, Italija)

## SPECIFIKACIJOS:

Įtampa, V	380
-----------	-----

Variklio galinumas (kW)	4
-------------------------	---

Garantija (mėn.)	24 mėnesiai
------------------	-------------

## SERIE INVERTERS PER ELETTROPOMPE PUMP-INVERTER SERIES

Per ogni inverter / For every inverter:  
 1) Trasduttore di pressione incluso / included a pressure transducer  
 2) Temperatura ambiente durante il funzionamento tra 0°C e +40°C / ambient working temperature from 0°C to +40°C  
 3) Temperatura di stoccaggio tra -20°C e +60°C / storage temperature from -20°C to +60°C

		IMMP1.1W	ITTP1.1W-DC	IMMP1.2W	IMTP1.2W	IMMP1.3W-DC	IMTP1.3W-DC	IMMP1.1W-DC	IMMP1.2W-DC	IMTP1.2W-DC	ITTP2.2W-DC	ITTP2.2W-DC	ITTP2.2W-DC	ITTP4.0W-DC	ITTP4.0W-DC	ITTP7.5W-DC	ITTP7.5W-DC	ITTP11W-DC	ITTP15W-DC	ITTP22W-DC	ITTP30W-DC	IMTP2.2W-DC	ITTP2.2W-DC	ITTP4.0W-DC	ITTP7.5W-DC				
<b>GENERAL DATA</b>	<b>Tipi di inverter / Inverter type</b>	Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Faseggio a ponte / Full bridge		Collegamento diretto sul motore / Direct motor		Collegamento diretto sul motore / Direct motor		Collegamento diretto sul motore / Direct motor		Collegamento diretto sul motore / Direct motor	
	<b>Max. potenza motore / Max. motor power</b>	1.1	1.5	1.5	1.5	1.5	1.5	1.3	1.3	1.3	2.2	2.2	3	4	4	5.5	7.5	11	15	22	30	30	2.2	2.2	4	5.5	5.5	5.5	
	<b>Impiego normale motore / Normal motor frequency</b>	50	50	50	50	50	50	50-60	50-60	50-140	50-140	50-140	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-140	50-140	50-60	50-140	50-60	50-60	50-60	50-60
	<b>Velocità di accelerazione motore / Motor velocity output</b>	1x(100-244V)	1x(100-244V)	1x(100-244V)	1x(100-244V)	1x(100-244V)	1x(100-244V)	1x(100-244V)	1x(100-244V)	1x(100-244V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	1x(100-244V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	
	<b>Velocità di decelerazione motore / Motor velocity output</b>	1x(100-244V)	3x(200-440V)	1x(100-244V)	3x(100-244V)	1x(100-244V)	3x(100-244V)	1x(100-244V)	3x(100-244V)	1x(100-244V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(100-244V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)	3x(200-440V)
	<b>Impiego di uscita inverter / Inverter frequency output</b>	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	0-119Hz/2s	
	<b>Max. corrente di uscita / Max. output current (A)</b>	9.0	4.0	11.0	7.0	11.0	7.0	9.0	13	9.5	5.5	7.5	11.0	14.5	19.0	26.0	35.0	48.5	64.0			9.5	5.5	11.0	14.5				
	<b>Corrente nominale di ingresso / Nominal input current</b>	10.0	5.0	12.0	11.0	12.0	11.0	10.0	14.5	14.5	6.0	6.5	12.5	16.0	21.0	28.0	37.5	51.0	67.0			14.5	6.5	12.5	16.0				
	<b>Corrente nominale in uscita (1 sec.) / Max. output current</b>	3 x I2	3 x I2	3 x I2	3 x I2	3 x I2	3 x I2	3 x I2	3.5 x I2	3.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2	1.5 x I2
	<b>Range di tensione pressione / Pressure sensor range</b>	0-10	0-10	0-10	0-10	0-10	0-10	0-30	0-30	0-30	0-30	0-30	0-30	0-50	0-50	0-50	0-50	0-50	0-50	0-50	0-50	0-30	0-30	0-50	0-50	0-50	0-50	0-50	
	<b>Compatibilità tensione di pressione / Pressure transducer compat.</b>	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-15V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	0-5V/10V Out: 0-20 mA	
	<b>Isolamento di protezione isolato / Protection isolation</b>	K16	K16	K16 con cavo connettore K16 with cable with connector	K16	K16 con cavo connettore K16 with cable with connector	K16	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16 con cavo connettore K16 with cable with connector	K16	K16	K16	K16	K16	K16	K16
	<b>Modello di controllo / Control type</b>	V/F	V/F	V/F	V/F	V/F	V/F	V/F	V/F	V/F	V/F	V/F	V/F	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	V/F	V/F	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	Vettoriale / Vectorial	
	<b>Interfaccia gestione / User interface</b>	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	Panello micro-led / Micro-led panel	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16	LCD Display 2x16
	<b>Connessione con altri inverter / Connection with other inverters</b>	-	BlueConnect	-	-	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	RS485	RS485	RS485	RS485	RS485	RS485	RS485	RS485	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect	BlueConnect
	<b>Numero massimo di inverter connessi in gruppo / Maximum number of inverter connected in group</b>	-	3	-	-	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Uscita per il rilevamento anomalie / Anomaly detection output</b>	-	-	-	-	-	-	-	-	-	-	-	-	Segnale 12Vdc / 12Vdc signal	Segnale 12Vdc / 12Vdc signal	Segnale 12Vdc / 12Vdc signal	-	-	-	-	-	Contatto relettivo / Relay contact	Contatto relettivo / Relay contact	Segnale 12Vdc / 12Vdc signal	Segnale 12Vdc / 12Vdc signal	Segnale 12Vdc / 12Vdc signal	Segnale 12Vdc / 12Vdc signal	Segnale 12Vdc / 12Vdc signal	
	<b>Uscita di emergenza / Emergency output</b>	-	-	-	-	-	-	-	-	-	-	-	-	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	MOTOR-ON ALARM (12Vdc, 100 mA)	
	<b>Modello di raffreddamento / Cooling type</b>	Convezione naturale / Natural convection	Convezione naturale / Natural convection	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	Servo- ventilazione / Servo- ventilation	
	<b>Grado di protezione / Protection grade</b>	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55
	<b>Dimensioni / Dimensions</b>	b x p x mm	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	155 x 238 x 128	218 x 290 x 300	218 x 290 x 300	218 x 290 x 300	218 x 290 x 300	218 x 290 x 300	218 x 290 x 300	218 x 290 x 300	218 x 290 x 300	135 x 190 x 100	135 x 190 x 100	178 x 250 x 135	178 x 250 x 135	178 x 250 x 135	178 x 250 x 135	178 x 250 x 135	
	<b>Dimensioni di altezza / Height dimensions</b>	b x p x mm	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	228 x 300 x 150	228 x 300 x 150	228 x 300 x 150	228 x 300 x 150	228 x 300 x 150	228 x 300 x 150	228 x 300 x 150	228 x 300 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	178 x 250 x 150	
	<b>Peso netto / Net weight</b>	b x p x kg	2,3	2,4	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	3	4,0	5,0	7,0	11,0	15,0	22,0	30,0	30,0	2,3	2,3	4,0	5,5	5,5	5,5	
	<b>Peso lordo / Gross weight</b>	b x p x kg	2,7	2,8	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	3,4	4,3	5,3	7,3	12,0	16,0	23,0	31,0	31,0	2,7	2,7	4,4	5,9	5,9	5,9	