

Speedrive V2 **Booster**



Variable frequency drive

Applications

Assembled on a pump or booster set, adjust the speed automatically to maintain the constant pressure and flow that apartment, building or installation demand at every moment.

Materials

Body in aluminium.
Front cover in technopolymer.

Equipment and features

IPX5 protection.
Maximum ambient temperature 40°C.
Air cooled motor.
Maximum 4 pumps.
USB port for updating the device's firmware.
Adjustable working frequency.
Inputs:
- 1 analogue 4-20mA with 24V DC power supply.
- 1 digital for the level switch.
Outputs:
- 1 alarm signal.
- Potential-free output (FVC), maximum 1A, NA/NC contacts.
Communication serial port RS 485.
M22 with 2m of cable with plug type F.
T22 and T55 no cable.



Pressure transducer*

Device for digital pressure reading

Protections

Dry running with automatic reset.
Detection of pressure transducer failures.
Overcurrent and short-circuit with automatic reset.
Power supply voltage with automatic reset.
Overtemperature with automatic reset.
Earthing and engine phase error.
Communication error.

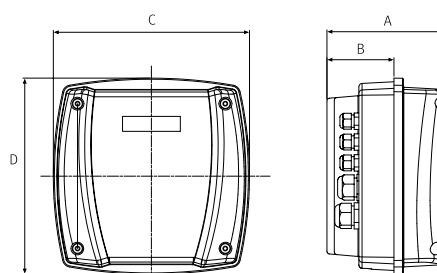
Feature table

Model	Input				Output				Code
	Power source voltage [V]	Power frequency [Hz]	Maximum motor current [A]	Recommended line protection [A]	Maximum motor power [kW]	Maximum motor current [A]	Motor voltage [V]	Motor frequency [Hz]	
Speedrive V2 M22	1~ 220V	50/60	16	25	2,2	10	3~ 220V	50/60	203323
Speedrive V2 T22	3~ 440V	50/60	7	10	2,2	6	3~ 440V	50/60	205490
Speedrive V2 T55	3~ 440V	50/60	15	20	5,5	14	3~ 440V	50/60	203321

Model	Code
Pressure transducer 4- 20 mA 1/4 G 10 bar	176579

Dimension and weight

Model	A	B	C	D	Kg
Speedrive V2 M22	178	71	207	207	3,4
Speedrive V2 T22	142	85	207	207	2,7
Speedrive V2 T55	142	85	207	207	2,7



*Pressure transducer is essential for proper operation.

Automatic set with variable speed for water supply

Applications

Automatic pumping of clean water for domestic, industrial, agricultural and gardening purposes. Adjustable working pressure.

Operation

Self-adjustable speed to maintain the constant pressure and flow that apartment, building or installation demand at every moment.



Prisma ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~220V/440V	Speedrive V2 code	
	[kW]	[HP]				1~220V	3~440V
Prisma 25 2 ESD	0,75	1	34	7	97166	203323	205490
Prisma 25 3 ESD	1,1	1,5	50	7	97174	203323	205490
Prisma 25 4 ESD	1,5	2	67	7	97184	203323	205490
Prisma 35 1N ESD	0,75	1	22	11,5	132276	203323	205490
Prisma 35 2N ESD	1,1	1,5	43	11,5	132278	203323	205490
Prisma 35 3N ESD	1,5	2	64	11,5	132280	203323	205490
Prisma 35 4N ESD	2,2	3	78	11,5	132283	203323	205490
Prisma 45 1N ESD	1,1	1,5	19	15	133173	203323	205490
Prisma 45 2N ESD	1,5	2	38	18	133175	203323	205490
Prisma 45 3N ESD	2,2	3	55	18	133177	203323	205490



Multi ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~220V/440V	Speedrive V2 code	
	[kW]	[HP]				1~220V	3~440V
Multi 25 3 ESD	0,9	1,2	62	5	146574	203323	205490
Multi 25 4 ESD	1,1	1,5	85	5	146579	203323	205490
Multi 35 2N ESD	1,1	1,5	45	10	132323	203323	205490
Multi 35 3N ESD	1,5	2	65	10	132324	203323	205490
Multi 35 4N ESD	2,2	3	85	10	132325	203323	205490
Multi 35 5N ESD	3	4	105	10	132326	-	203321
Multi 35 6N ESD	4	5,5	123	10	132327	-	203321
Multi 45 2N ESD	1,5	2	36	17	134269	203323	205490
Multi 45 3N ESD	2,2	3	54	17	134270	203323	205490
Multi 45 4N ESD	3	4	75	17	134271	-	203321
Multi 45 5N ESD	4	5,5	95	17	134272	-	203321



Multi VE ESD

Model	P2		Maximum head [m]	Maximum flow [m³/h]	Pump code 3~220V/440V	Speedrive V2 code	
	[kW]	[HP]				1~220V	3~440V
Multi VE 94 5 ESD	2,2	3	75	15	97738	203323	205490
Multi VE 94 6 ESD	3	4	90	15	97744	-	203321
Multi VE 94 7 ESD	3	4	105	15	97751	-	203321
Multi VE 94 8 ESD	4	5,5	120	15	97757	-	203321
Multi VE 94 9 ESD	4	5,5	135	15	97765	-	203321
Multi VE 94 10 ESD	5,5	7,5	146	15	97708	-	203321
Multi VE 94 11 ESD	5,5	7,5	159	15	97715	-	203321
Multi VE 121 2N ESD	4	5,5	45	36	203438	-	203321
Multi VE 121 3N ESD	5,5	7,5	75	36	203439	-	203321



Multi VE 94

Multi VE 121N

Pressure transducer and water tank not included. Essentials for proper operation.