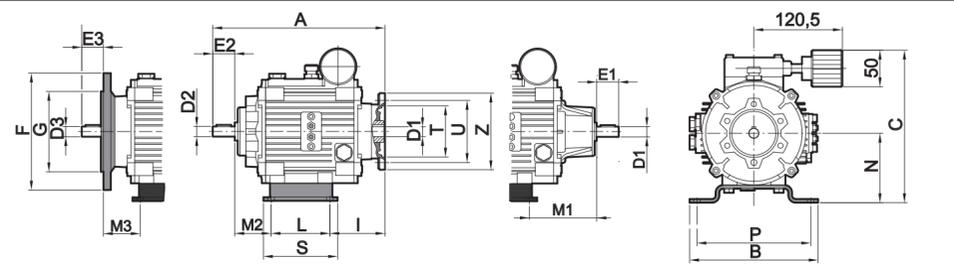
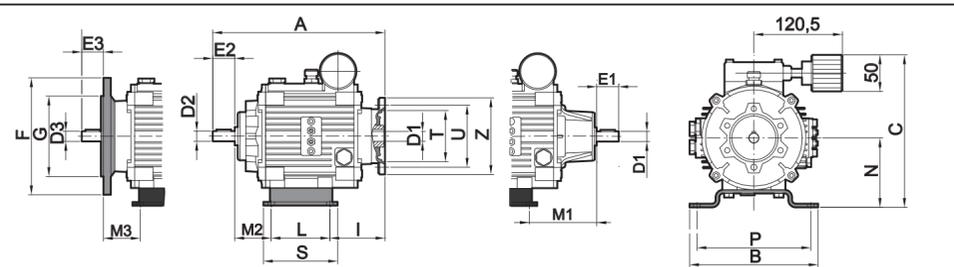


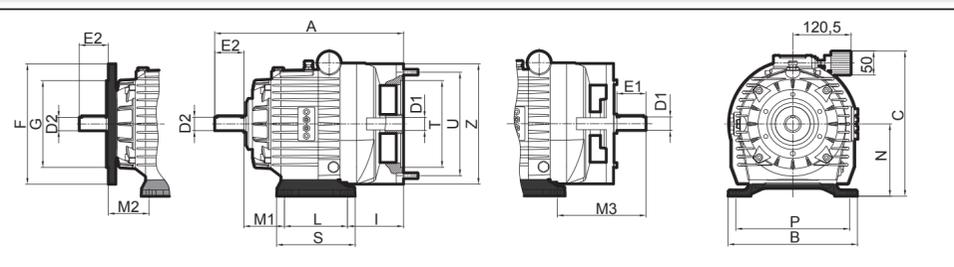
DIMENSIONS



Feet	A	B	C	D1	D2	D3	E1	E2	E3	F	G	I	L	M1	M2	M3	N	P	S	T	U	Z			
A2		165	197		14	14	30	30	160	110	94	68	110	43	43	83	145	90		B5	B14	B5	B14	B5	B14
11	234.5	175	209	14	19	14	30	40	30	160	110	75	80	91.5	50	50	95	155	101	110	70	130	85	160	130
A4		192	216		19	19	40	40	200	130	77	80	91.5	50	50	102	170	111							
12	246	187	224	19	22	19	40	40	200	130	45	100	59.5	62	62	110	165	132	130	80	165	100	200	120	



Feet	A	B	C	D1	D2	D3	E1	E2	E3	F	G	I	L	M1	M2	M3	N	P	S	T	U	Z				
A8		232	250		24	24	50	50	50	200	130	114	90	120	65	65	105	208	118		B5	B14	B5	B14	B5	B14
13	317	262	285	24	24	24	50	50	50	200	130	71	123	77	75	75	140	230	152	130	95	165	115	200	140	



Feet	A	B	C	D1	D2	E1	E2	F	G	I	L	M1	M2	M3	N	P	S	T	U	Z					
A10		272	281																						
A12	390			28	28	60	60	250	180	153	100	76	76	220	130	240	134			180	215	250			
14		267	301							116	130	84	84	183	150	235	162								

COMPACT AND MODULAR

SPEED CONTROL
Wide range of controls

SPEED INDICATOR
Available

INPUT
Rotation on both directions
B5 and B14 available flanges
Optional: double seals

TORQUE CONTROL
Adjustable

FEET
Removable

OUTPUT
Both directions
B5 available flanges

B3-B6-B7
MOUNTING POSITION
V5-V6
Universal

ATEX Group II

OTHER VAR-SPE PRODUCTS

SPEED VARIATORS 15 - 17B
2,2 - 22 kW

TUV NORD
TUV NORD CERT GmbH
Directive 94/9/EG
Ex

HYDROSTATIC TRANSMISSION P02-M10
0,37 - 5,5 kW

VAR-SPE HYDROSTATIC TRANSMISSION

Via Cordellina, 81 - 36077 Altavilla Vicentina (VI) - Italy
tel. +39 0444 572011 - fax +39 0444 573188
web site: www.varspe.com - e-mail: info@varspe.com

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TORQUE *Speed*

Integrated Regulator

Very Wide Adjustable Speed Range 50-1500 rpm

New Patented

Adjustable Torque Control

Fully ATEX

High Starting Torque

Ideal for Heavy Duty Application

Easy Connection to Every Gearbox Types (Nema/Metric)

Speed Control: Manual, Pneumatic (3-15psi), Electric (4-20mA/0-10V)

VAR-SPE

HYDROSTATIC TRANSMISSION

TECHNICAL DATA

K2 0,37-0,75 kW

Power	Speed Range	M ₂	M _s	n _{2min}	∅	Input flange	Output flange	Weight
kW	rpm	Nm	Nm	rpm	mm			kg
0,37	0-1430	1,9	13,2	50	14	71 B5/B14	71 B5	9,4
0,75		3,7						

M₂ = Nominal Torque; M_s = Starting Torque; n_{2min} = Minimum Output Speed

K4 1,1-1,5 kW

Power	Speed Range	M ₂	M _s	n _{2min}	∅	Input flange	Output flange	Weight
kW	rpm	Nm	Nm	rpm	mm			kg
1,1	0-1430	5,5	42	50	24	90 B5/B14	90 B5	21
1,5		7,6						

M₂ = Nominal Torque; M_s = Starting Torque; n_{2min} = Minimum Output Speed

K5 2,2-3-4 kW

Power	Speed Range	M ₂	M _s	n _{2min}	∅	Input flange	Output flange	Weight
kW	rpm	Nm	Nm	rpm	mm			kg
2,2	0-1430	10,3	42	50	28	100/112 B5	100/112 B5	30
3		13,8						
4		17,9						

M₂ = Nominal Torque; M_s = Starting Torque; n_{2min} = Minimum Output Speed

MANUAL and ELECTRIC CONTROLS SIMPLE, STRONG and RELIABLE

HANDWHEEL MANUAL CONTROL **COD. 00**

It's the classic control for the adjustment of the speed. Simple and precise, allows, working on the handwheel to obtain the speed regulation on all the range and on both the sense of rotation.

Is the ideal control for
CHEMICAL AND PHARMACEUTICAL PLANTS
FOOD INDUSTRY
VOLUMETRIC PUMPS



LEVER MANUAL CONTROL **COD. 02**

Practical and strong, the lever control allows a rapid speed variation. It's particularly indicated for all the applications where is needed a quick speed variation with rapid reversal of sense of rotation.

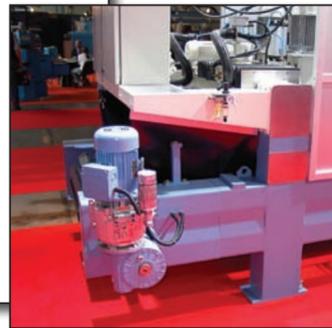
Is the ideal control for
WOODWORKING MACHINERY SECTOR
STONE AND MARBLE SAWING MACHINERY
LITTLE AGRICULTURAL AND SELF PROPELLED MACHINERY



REMOTE ELECTRIC CONTROL **COD. 20**

The electric control allows a remote speed regulation through a push-buttons system. The control is available in several version that allows different acceleration and deceleration ramp.

Is the ideal control for
MARBLE PROCESSING MACHINERY
DICING PRESS
VOLUMETRIC PUMPS

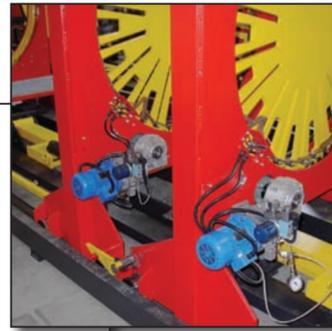


ELECTRO-HYDRAULIC CONTROLS FAST, PRECISE and PERFORMING

DIGITAL-ELECTRONIC CONTROL **COD. 37 - 38**

Is the control with the highest performance. Using a digital electronic system with microprocessor it allows to obtain quickness and extreme precision. It allows to obtain and maintain the setting speed using a "closed loop" system.

Is the ideal control for
CHEMICAL AND PHARMACEUTICAL PLANTS
BUILDING MACHINERY
METERING PUMPS



PLC ELECTRO-HYDRAULIC CONTROL **COD. 31 - 67**

The control is extremely flexible for a remote regulation through a simple push-buttons or directly from a PLC.

Is the ideal control for
CHEMICAL AND PETROCHEMICAL PLANTS
FOOD AND FEEDSTUFF INDUSTRY
PLC INTEGRATED SYSTEM



ELECTRO-HYDRAULIC CONTROL **COD. 65 - 66**

This control allows to presetting 2 speed and to make the change of the 2 speed with an electric impulse. Is the right control for all the application where is necessary a rapid change of the speed or a rapid reversal of the sense of rotation.

Is the ideal control for
WOODWORKING MACHINERY SECTOR
PRESS FOR FURNITURE INDUSTRY
PLATE WORKING MACHINERY

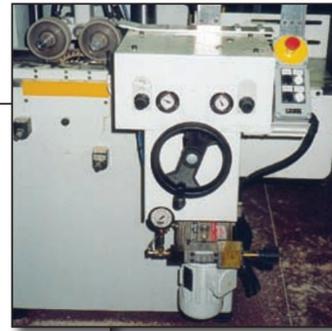


SPECIAL CONTROLS for ALL the APPLICATIONS

LOAD-SENSING CONTROL **COD. 00/3**

Is a special and automatic control system that auto-adjusts the speed when it change the loads applied. It allows to have a working of the machine on the "constant power" principle.

E' il comando ideale per il
WINDERS AD ACCUMULATORS
LOADER MACHINES
WOODWORKING MACHINERY SECTOR



PNEUMATIC CONTROL **COD. 52**

It allows to have a speed regulation using a pneumatic signal 3-15 psi. Is particularly indicated for the hazardous and explosive zone (ATEX and ADPE) where is necessary a remote control.

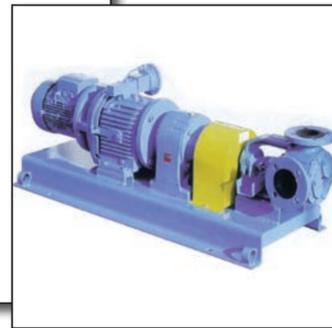
Is the ideal control for
CHEMICAL AND PETROCHEMICAL PLANTS
VOLUMETRIC PUMPS
ATEX & ADPE APPLICATIONS



SOFT-START CONTROL **COD. 46 - 49**

Combines the practicality of the handwheel control with the safety of a soft-start system. With this device is possible to start the machine or the plant at full load without damaging or breaking it.

Is the ideal control for
BELT CONVEYORS
BUILDING AND PLASTERING MACHINERY
VOLUMETRIC PUMPS



ACCESSORIES and DEVICES for the CONTROL and the SAFETY

SPEED INDICATOR **COD. 8**

Is a little device that allows to obtain a frequency or a voltage signal proportional to the speed of the output speed.

Is available in three versions
2 wires NAMUR proximity
3 wires INDUCTIVE proximity
Generator



PRESSURE INTAKE **COD. MM**

Is a device that take a pressure signal directly from the principal hydraulic circuit and allows to check and monitor the load on the output shaft.

On the device is possible to mount
Manometer
Pressure switch
Pressure transducer



BY-PASS DEVICE **COD. B**

The device make a by-pass on the principal hydraulic circuit that break off the oil flow and therefore the power transmission. It can be used as a emergency device to make neutral the output shaft.

The device is available only in the version
ELECTRIC with ELECTROVALVE

