DIMENSIONS





Feet	А	С	D1	D2	D3	E1	E2	E3	F	G	Ι	L	M1	M2	M3	Ν	Р	Т	U
A8	12.9	9.84	0.87	0.87	0.87	2.12	2.12	2.12	6.5	4.5	6.18	3.54	7.73	2.56	2.56	4.13	8.19	4.5	5.88
13	12.9	11.2	0.87	0.87	0.87	2.12	2.12	2.12	6.5	4.5	4.47	4.84	6.94	2.97	2.9	5.51	9.06	4.5	5.88
																	Dim	ensions	s in inch



Feet	Α	С	D1	D2	D3	E1	E2	E3	F	G	Ι	L	M1	M2	M3	Ν	Р	Т	U
A10	16.1	11.1	1.12	1.12	1.12	2.87	2.87	2.87	9	8.5	6.28	3.94	3	3	6.3	5.12	9.45	8.5	7.25
A12	16.1	11.1	1.12	1.12	1.12	2.87	2.87	2.87	9	8.5	6.28	3.94	3	3	6.3	5.12	9.45	8.5	7.25
14	16.1	11.9	1.12	1.12	1.12	2.87	2.87	2.87	9	8.5	4.8	5.12	3.31	3.24	4.9	5.91	9.25	8.5	7.25

Dimensions in inch

COMPACT AND MODULAR



OTHER VAR-SPE PRODUCTS



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

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Integrated Regulator

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Very Wide Adjustable Speed Range 50-1750 rpm

New

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The

Adjustable Torque Control

Fully ATEX / Ex-Proof

High Starting Torque

Ideal for Heavy Duty Applications

Easy Connection to Every Gearbox Types (Nema/Metric)

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



TECHNICAL DATA

K2 *0.5 - 1 HP*

Power	Speed Range	M ₂	M _s	n _{2min}	Ø	Input flange	Output flange	Weight without motor
HP	rpm	lb•ft	lb•ft	rpm	inch			lb
0.5	0 1750	1.1	0.7	FO	0.625	56C	56C	20.7
1	0-1/20	2.1	9./	50	0.875	143TC	143TC	22

 M_2 = Nominal Torque; M_s = Starting Torque; n_{2min} = Minimum Output Speed

K4 2 HP

Power	Speed Range	M ₂	M _s	n _{2min}	Ø	Input flange	Output flange	Weight without motor
HP	rpm	lb·ft	lb·ft	rpm	inch			lb
2	0-1750	4.2	31	50	0.875	145TC	145TC	47

 M_2 = Nominal Torque; M_s = Starting Torque; n_{2min} = Minimum Output Speed

3 - 5 HP **K5**

Power	Speed Range	M ₂	M _s	n _{2min}	Ø	Input flange	Output flange	Weight without motor
HP	rpm	lb•ft	lb•ft	rpm	inch			lb
3	0 1750	6.4	21	FO	1.125	182TC	182TC	59
5	0-1750	9.8	51	50	1.125	184TC	184TC	59

 M_2 = Nominal Torque; M_s = Starting Torque; n_{2min} = Minimum Output Speed

MANUAL and ELECTRIC CONTROLS SIMPLE, STRONG and RELIABLE

HANDWHEEL MANLAL CONTOL *COD. OO*

It is the classic control for the adjustment of the speed. Simple and precise allows, operating on the handwheel, to obtain the regulation on all the speed range and on both the directions of rotation.

It is the ideal control for CHEMICAL AND PHARMACEUTICAL PLANTS FOOD INDUSTRY **VOLUMETRIC PUMPS**





LEVER MANUAL CONTROL *COD. 02*

Pratical and strong, the lever control allows a rapid speed variation. It's particularly indicated for all the applications where it is necessary a quick speed variation with rapid reversal of the direction of rotation.

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

REMOTE ELECTRIC CONTROL *COD. 20*

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

It 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**

It is the control with the highest performance. Through a digital electronic system with microprocessor it allows to obtain quick speed variation and extreme precision. It allows to obtain and maintain the setting speed using a "closed loop" system

It 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 throu gh a simple push-buttons or directly from a PLC.

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

ELECTRO-HYDRALLIC CONTROL *COD.* 65 - 66

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

It 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. 06 - 07*

It is a special and automatic control system that auto-adjusts the speed when the load applicated changes. It allows to have a working of the machine on the "constant power" principle.

It is the ideal control for WINDERS AD ACCUMULATORS LOADER MACHINES WOODWORKING MACHINERY SECTOR

PNELMATIC 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 / Ex-Proof) where it's necessary a remote control.

It is the ideal control for CHEMICAL AND PETROCHEMICAL PLANTS **VOLUMETRIC PUMPS ATEX & ADPE APPLICATIONS**

SOFT-START CONTROL *COD.* 46 - 49

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

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

It is a device that allows to obtain a frequency or a voltage signal proportional to the speed of the output shaft.

It is available in three versions

- 2 wires NAMUR proximity
- 3 wires INDUCTIVE proximity
- Generator (0-10V_a)

PRESSURE INTAKE COD. MM

It is a device that gets a pressure signal directly from the main hydraulic circuit; it allows to check and monitor the load on the output shaft.

On this device it is possible to mount

- Manometer
- Pressure switch
- Pressure transducer

BY-PASS DEVICE COD. B

The device allows a by-pass of oil on the main hydraulic circuit, that breaks 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

