

COMBINED GROUPS

ELBA - GARDA - GARDA EVO

Technical catalogue
Catalogo tecnico
Technischer Katalog



Battioni®
Pagani

Setting the pace since 1953

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Exit A: centrifuge pump / high pressure pump / outlet splined shaft

Uscita A: Pompa centrifuga / Pompa alta pressione / Albero calettato in uscita

Ausgang A: Zentrifugalpumpe / Hochdruckpumpe / Kardanwelle am Ausgang



Painting RAL 7021, resistant to 240 hours corrosion protection – salt- and fog/haze tested

Verniciatura RAL 7021, resistente a 240 ore di esposizione in nebbia salina

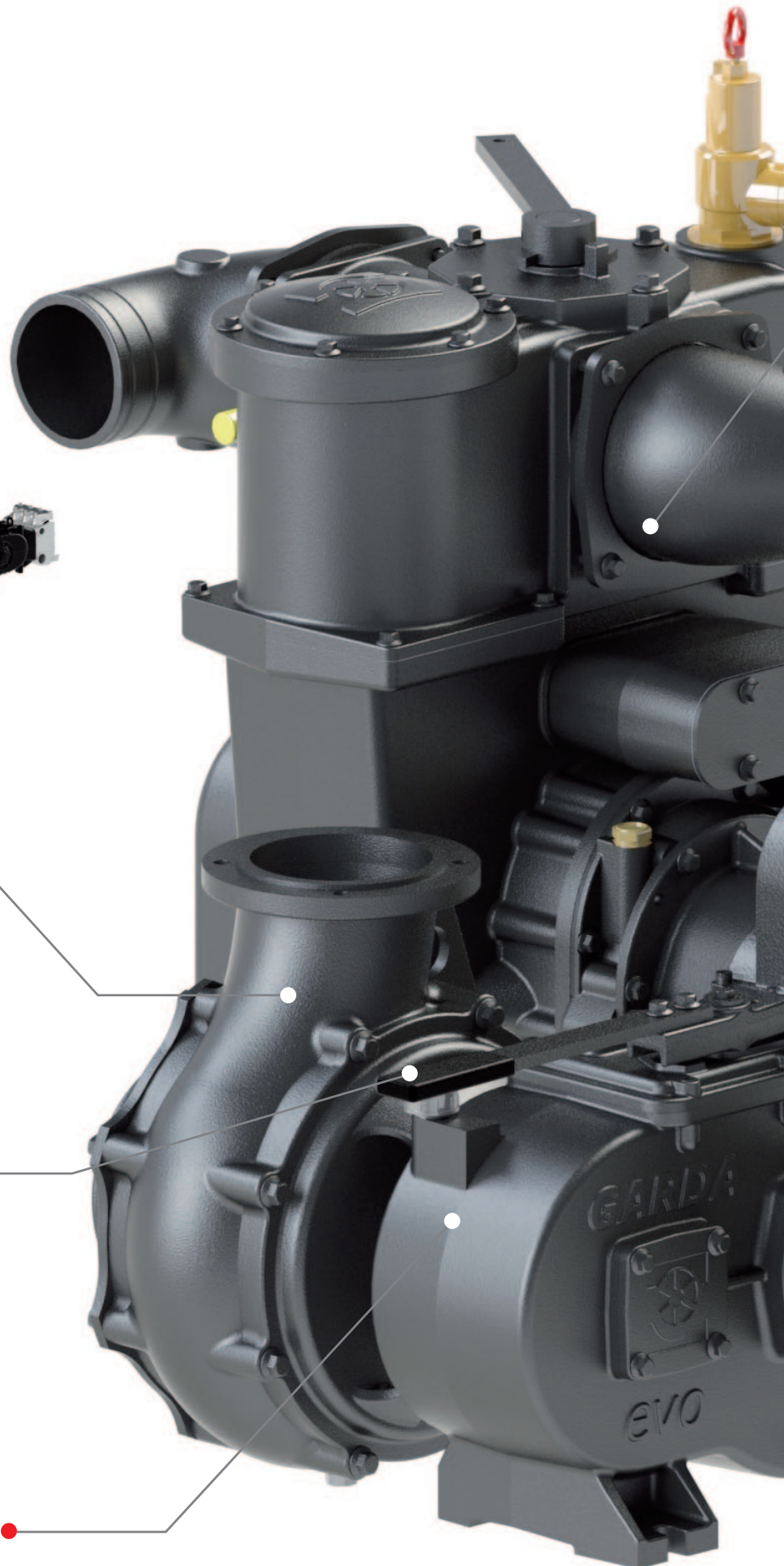
Lackierung RAL 7021, beständig gegen 240 Stunden Salz- und Nebeltest

Two levers for alternated and combined use of EXIT A and EXIT B

Due leve per utilizzo alternato o combinato in uscita A e uscita B

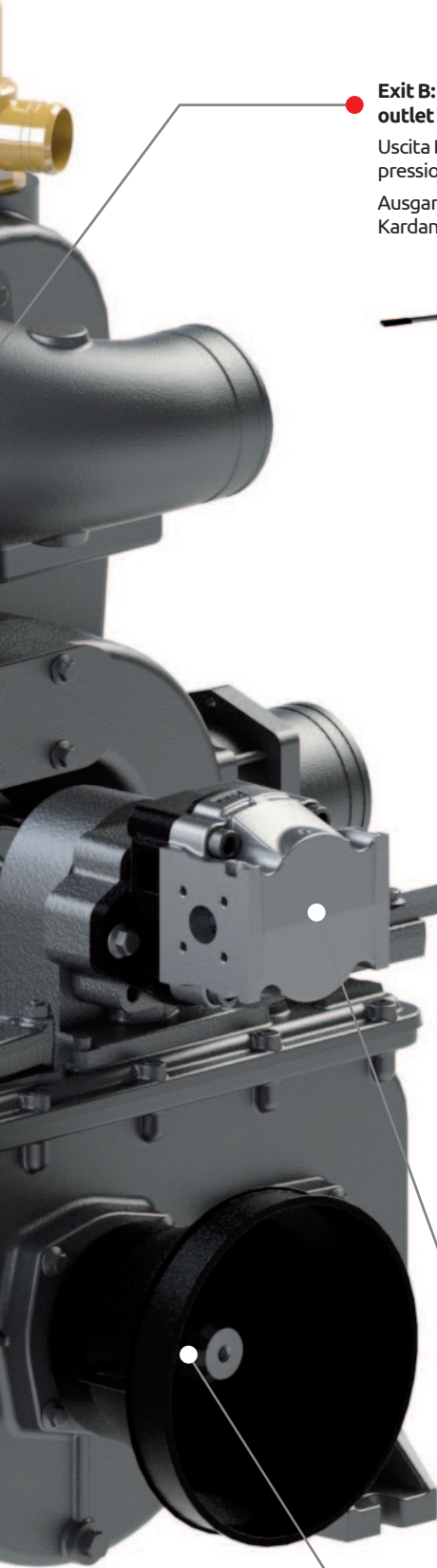
Zwei Hebel, für alternative oder kombinierte verwendung im Ausgang A und Ausgang B

GARDA EVO Gearbox
Cambio GARDA EVO
Getriebegehäuse



COMBINED GROUPS

GARDA EVO - GARDA - ELBA



Exit B: exhauster / compressor / high pressure pump / outlet splined shaft
 Uscita B: Aspiratore / Compressore / Pompa alta pressione / Albero calettato in uscita
 Ausgang B: Absauger / Kompressor / Hochdruckpumpe / Kardanwelle am Ausgang



Selection lever for exhauster/ compressor or second equipment
 Leva di selezione per Aspiratore / Compressore o seconda applicazione
 Hebel für die Wahl zwischen dem Absauger/ Kompressor oder der zweiten Ausstattung

Hydraulic oil pump continuously engaged to the driving shaft Gr.2 or Gr.3
 Pompa idraulica G.2 o G.3 sempre inserita
 Hydraulikpumpe G.2 oder G.3 immer eingeschaltet

Power take off
 Presa di forza
 Zapfwelle

VERSIONS



GARDA EVO - D



GARDA EVO - P



GARDA EVO - H

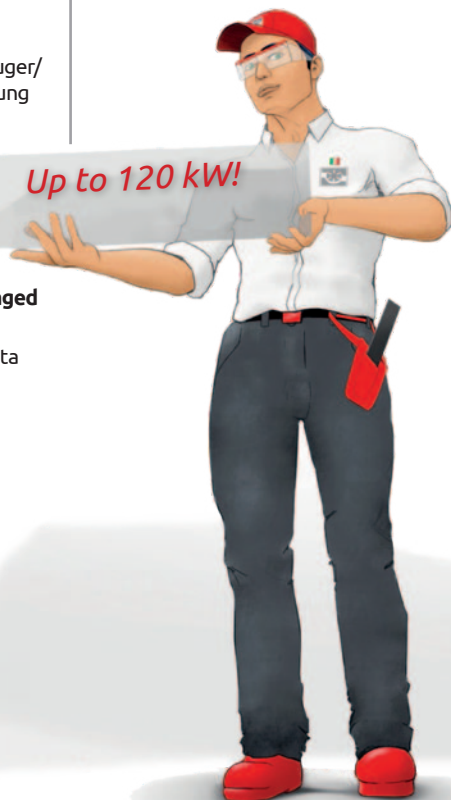


ELBA



GARDA

Up to 120 kW!



Combined Group -
Centrifugal Pump

The picture is only for informative purpose.
 See the table on page 81 for the complete list of the available optionals.



COMBINED GROUPS

GARDA EVO

GARDA EVO

Garda Evo is a combined group that drives two outputs (rotary blade pumps, blowers, centrifugal pumps, high pressure pumps and PTO) also in the same time.

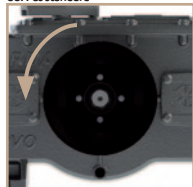


STANDARD FEATURES

- 1000 Rpm

VERSIONS

CCW as standard



Version D

Splined shaft
1 3/4 - Z6 ISO 500

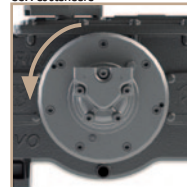
CCW as standard



Version P

Smooth Cylindrical shaft, Ø 40,
length 79 mm Parallel key UNI 6604

CCW as standard



Version H

130 cc/rev - Pmax 400 bar - In G 1" - Out G 1"

AVAILABLE VERSIONS

		EXIT A						OPTIONAL
		CENTR			GK		JET	VERSION K (hydraulic pump)
		CENTRIFUGE 6500	CENTRIFUGE DODA AFI 27	CENTRIFUGE DODA AFI 35	D 540-1000 rpm	P 540-800-1000-1500- 2300 rpm	HIGH PRESSURE PUMPS	
EXIT B	MEC 3500 - 4500 - 6000 - 7500	●	●	●	●	●	●	○
	BALLAST 3500 - 4500 - 6000 - 7500	●	●	●	●	●	●	○
	MEC 5000 - 6500 - 8000	●	●	●	●	●	●	○
	MEC 9000 - 11000 - 13500	●	●	●	●	●	●	○
	BALLAST 9000 - 11000 - 13500	●	●	●	●	●	●	○
	BALLAST 16000	●	●	●	●	●	●	○
	STAR 60 - 72 - 84	●	●	-	●	●	●	○
	WPT 480 - 600 - 720	●	●	●	●	●	●	○
	KTS 840 - 960 - 1080	●	●	-	●	●	●	○
	AIDA 26000	●	●	●	●	●	●	○
	D 540 - 1000 rpm	●	●	-	●	●	●	○
	P 540-800-1000-1500-2300 rpm	●	●	-	●	●	●	○
HIGH PRESSURE PUMPS	●	●	-	●	●	●	○	
OPTIONALS	CENTRIFUGE D140	○	-	-	-	-	-	○
	CUTTING DEVICE	○	○	○	-	-	-	○
	HYDRAULIC REVOLVING CHANGEOVER	○	○	○	○	○	○	-
	PNEUMATIC REVOLVING CHANGEOVER	○	○	○	○	○	○	-
	TURBO VERSION	○	○	○	●	●	●	○
	ONE LEVER VERSION	●	●	●	-	-	-	○

● As standard

○ On request

- Not available

OPTIONALS



Cutting device



Ø 140 mm scroll
Code 4011101004



Hydraulic
Changeover

one lever Code 6080200323
two lever Code 6080200324



Pneumatic
Changeover

one lever Code 6080200300
two lever Code 6080200301



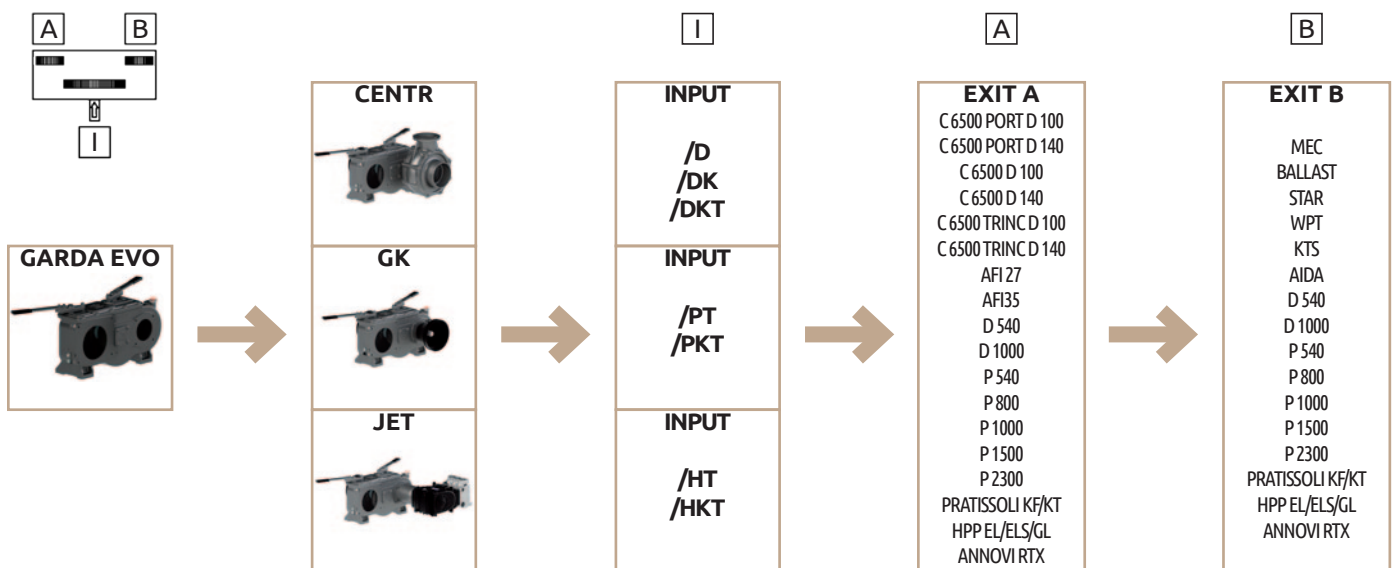
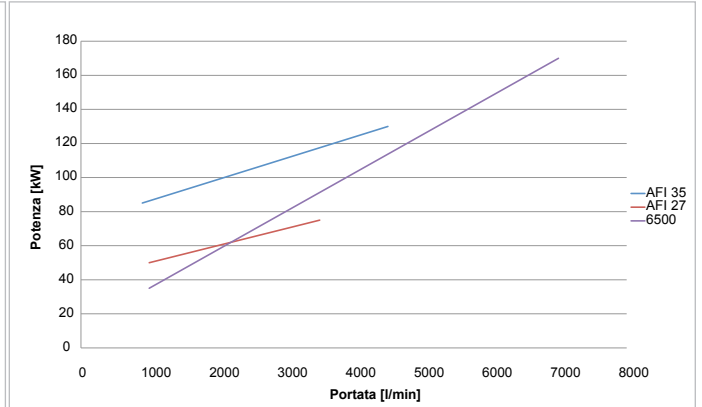
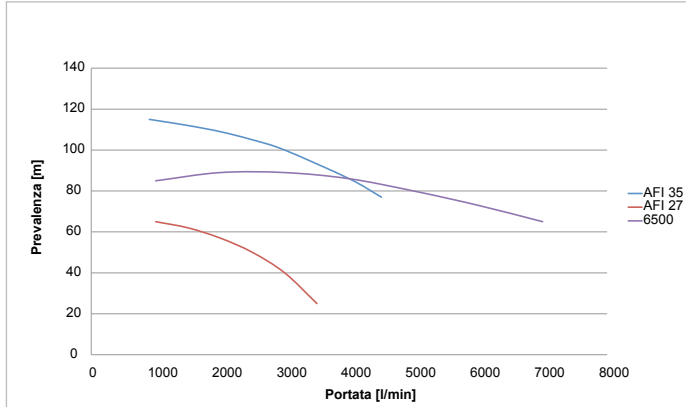
Turbo Version



Version K

TECHNICAL DATA

	Geometrical capacity			PTO Speed (r/min)	Pump Speed (r/min)	Max abs pressure		Power		Weight (kg)
	l/min	US gpm	cfm			Bar	PSI	kW	hp	
CENTRIFUGE DODA AFI-27	3500	924,6	124	1000	2300	6,5	94	70	94	68
CENTRIFUGE DODA AFI-35	4500	1188,8	159	1000	2300	11	160	130	174	80
CENTRIFUGE GARDA 6500	6500	1717	229,5	1000	2400	7	101	60	80,4	132





COMBINED GROUPS

GARDA

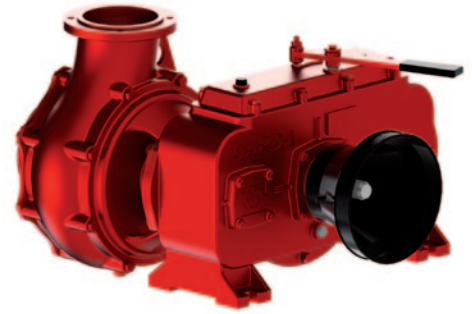


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GARDA

The GARDA group is composed of an exhauster/compressor used to fill agricultural tanks and of a centrifuge pump used for sewage spreading.



VERSIONS

CCW as standard



Version D

Splined shaft
1"3/8 - Z6 ISO 500

AVAILABLE VERSIONS

		EXIT A	
		CENTRIFUGAL PUMP 3500	CENTRIFUGAL PUMP 6500
EXIT B	MEC 2000 - 3000 - 4000	●	●
	MEC 5000 - 6500 - 8000	●	●
	STAR 60 - 72 - 84	●	●
	MEC II 3500 - 4500 - 6000 - 7500	●	●
	MEC II 9000 - 11000 - 13500	●	●
	BALLAST 3500 - 4500 - 6000 - 7500	●	●
	BALLAST 9000 - 11000 - 13500	-	●
	BALLAST 16000	-	●
	WPT 480 - 600 - 720	-	●
OPTIONALS	MECHANICAL SEAL	●	●
	PRESHAPED RINGS	○	○
	Ø 140 SCROLL	-	○
	CUTTING DEVICE	-	○
	HYDRAULIC CHANGEOVER	○	○
	PNEUMATIC CHANGEOVER	-	-
	TURBO VERSION	-	-
	INPUT 1000 RPM	-	○

● As standard

○ On request

- Not available

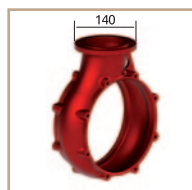
OPTIONALS



Cutting device



1000 Rpm



Ø 140 mm scroll
Code 4011101004



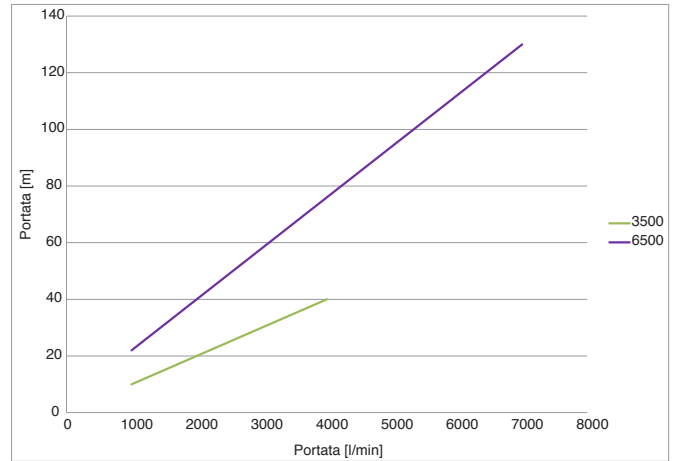
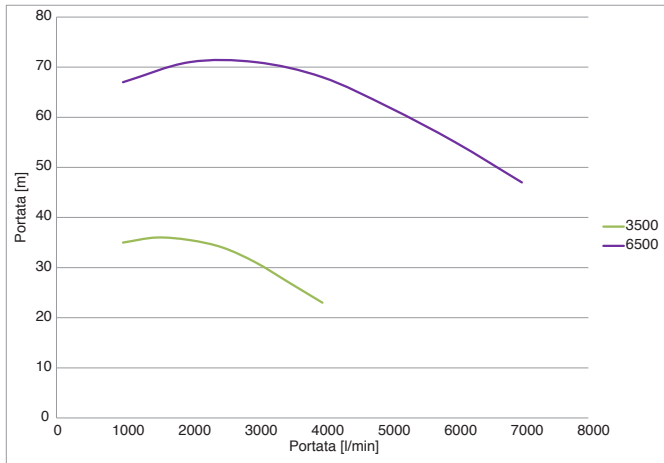
Hydraulic
Changeover
Code 5090000011



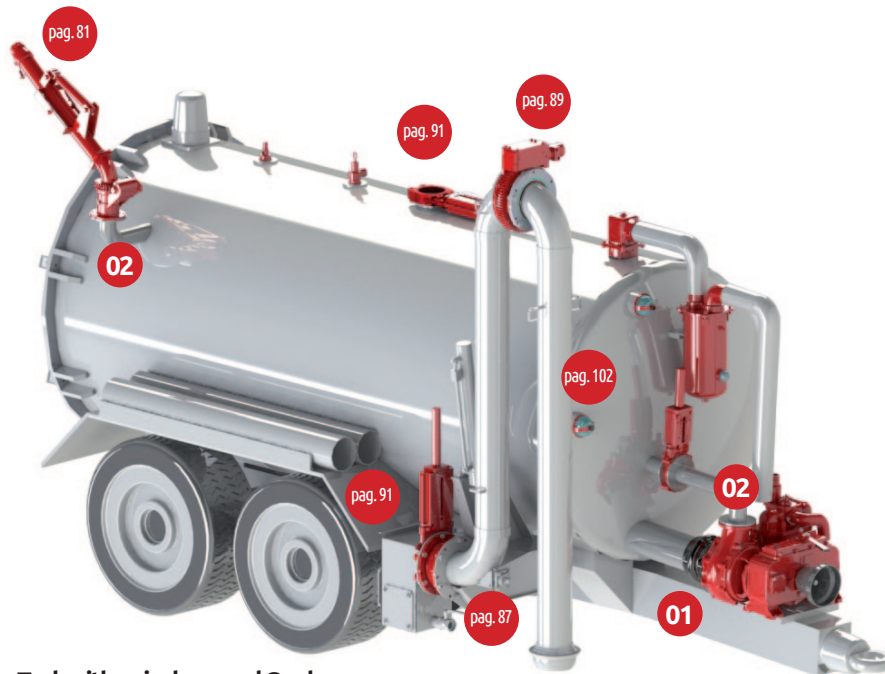
Preshaped Ring
GARDA 3500
GARDA 6500

TECHNICAL DATA

	centrifugal pump max flow rate	Max rpm	Speed work on request rpm	Head m	Power max kW (HP)	Weight kg
	l/min					
GARDA 3500	3500	540	1000	38	24 (32,2)	104
GARDA 6500	6500	540	1000	70	60 (80,4)	132



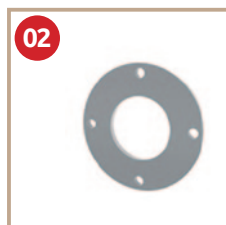
ACCESSORIES



Tank with swivel gun and Gardapump



Rubber coupling joint
pag. 104
Code 5060010004 - Ø150
Code 5060010002 - Ø200



Coupling Flange
pag. 88
Code 5010401009
GARDA 3500
Code 5010401008
GARDA 6500



ELBA

3500 - 6500



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ELBA – The Perfect Combination

The ELBA pump series consists is made up by combining a gearbox and a centrifugal pump.

The ELBA group is utilized for farm lands irrigation, sewage spreading and umbilical systems.

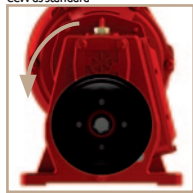
STANDARD FEATURES

- Mechanical seal



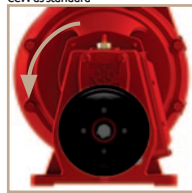
VERSIONS

CCW as standard



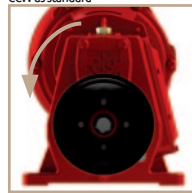
ELBA 3500 1:4
Splined shaft
1"3/8 - Z6 ISO 500

CCW as standard



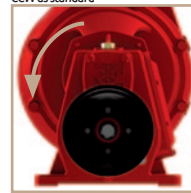
ELBA 6500 1:4
Splined shaft
1"3/8 - Z6 ISO 500

CCW as standard



ELBA 3500 1:3
Splined shaft
1"3/8 - Z6 ISO 500

CCW as standard



ELBA 6500 1:3
Splined shaft
1"3/8 - Z6 ISO 500

TECHNICAL DATA

	centrifugal pump max flow rate	Max rpm		Head m	Power at max vacuum kW (HP)	Weight kg
	l/min	1:3	1:4			
ELBA 3500	3500	750	540	38	24 (32,2)	59
ELBA 6500	6500	750	540	70	60 (80,4)	90

OPTIONALS



Cutting device



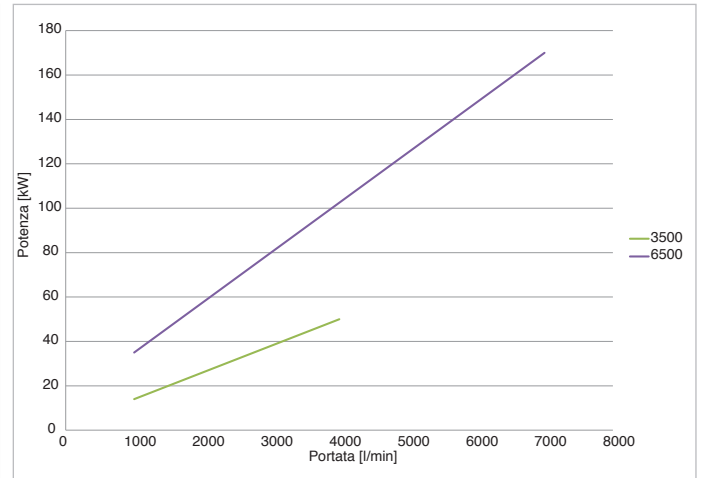
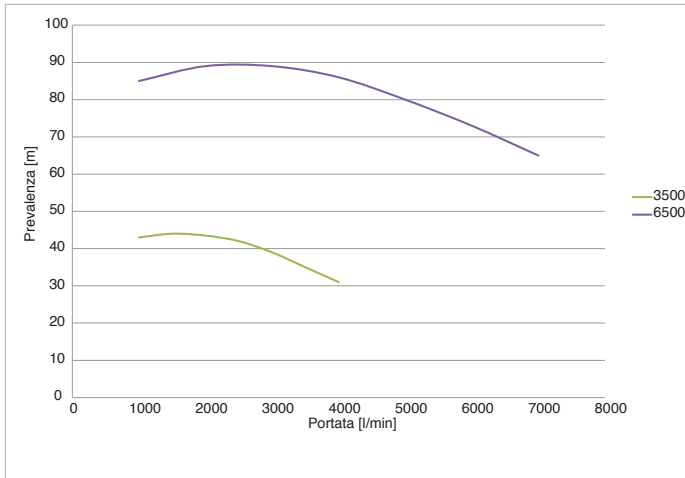
Heavy duty bearings



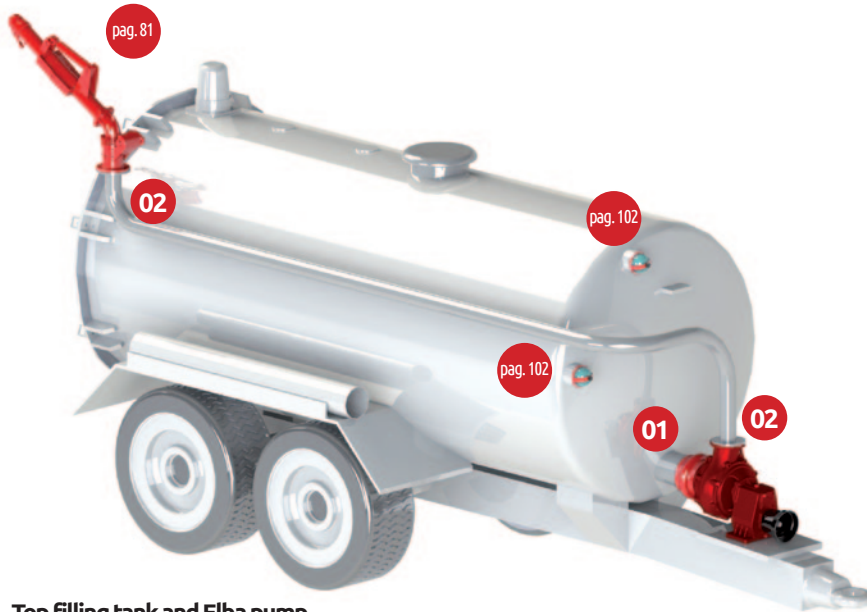
**Preshaped Ring
Only 3500**



**Ø 140 mm scroll
Code 4011101004**



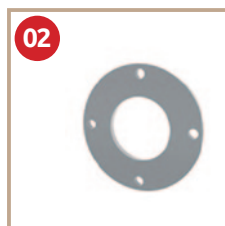
ACCESSORIES



Top filling tank and Elba pump



Rubber coupling joint
pag. 104
 Code 5060010004 - Ø150
 Code 5060010002 - Ø200



Coupling Flange
pag. 88
 Code 5010401009
 GARDA 3500
 Code 5010401008
 GARDA 6500