

UDOR®

WATER POWER



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Formulario Semplificato

Simplified Form

Q_D : Portata Desiderata / *Desired Flow Rate*

Q_R : Portata Reale / *Real Flow Rate*

RPM_R : RPM Targa / *Plate RPM*

RPM_D : RPM Desiderati / *Desired RPM*

RPM_D ?

$$RPM_D = RPM_R \times (Q_D / Q_R)$$

Q_D ?

$$Q_D = Q_R \times (RPM_D / RPM_R)$$

Coppia Motrice / Torque

$$C \text{ [Nm]} = 9550 \times P \text{ [kW]} / RPM$$

Potenza / Power

Motori Elettrici / *Electric Motors*

$$P \text{ [HP]} = Q \text{ [l/min]} \times p \text{ max [bar]} / 390$$

$$P \text{ [kW]} = Q \text{ [l/min]} \times p \text{ max [bar]} / 520$$

Conversioni / Conversions

l/min \leftrightarrow GPM

$$Q \text{ [l/min]} = 3,785 \times Q \text{ [GPM]}$$

$$Q \text{ [GPM]} = 0,264 \times Q \text{ [l/min]}$$

bar \leftrightarrow PSI

$$p \text{ [bar]} = 0,069 \times p \text{ [PSI]}$$

$$p \text{ [PSI]} = 14,504 \times p \text{ [bar]}$$

HP \leftrightarrow kW

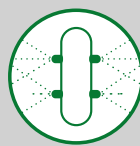
$$P \text{ [HP]} = 1,341 \times P \text{ [kW]}$$

$$P \text{ [kW]} = 0,746 \times P \text{ [HP]}$$

Utilizzi Principali Main Applications



Diserbo Agricolo
Boom-Spraying



Irrorazione Agricola
Orchard-Spraying



Giardinaggio/
Cura del Verde
*Gardening &
Lawn Care*



Perforazione
Drilling



Antincendio
Fire Fighting



Edilizia
Construction



Nebulizzazione
Misting



Disinfezione/
Trattamenti Chimici
*Pest Control &
Disinfection*



Antigelo
De-Icing

L'acqua è il nostro elemento.
Water is our element.



UDOR
WATER POWER

La nostra Azienda *Our Company*





UDOR, dal 1966 UDOR, from 1966

Udor nasce nel 1966 e oggi progetta, produce e distribuisce Pompe a Membrana e Pompe a Pistoni per il pompaggio di acqua a bassa, media e alta pressione, compresa acqua additivata da prodotti chimici, per svariate applicazioni, dall'Agricoltura al Lavaggio, dall'Antincendio alla Cura del verde .

La produzione attuale comprende oltre 50 modelli di Pompe a Membrana (da 2 a 6 membrane) ed oltre 150 modelli di Pompe a Pistoni (da 3 a 6 pistoni).

Le nostre pompe sono progettate per garantire affidabilità e durata; e Udor si impegna costantemente per migliorare i suoi prodotti con l'obiettivo di raggiungere livelli sempre più alti di qualità e prestazioni.

I nostri prodotti sono concepiti per essere incorporati in vari sistemi pompanti, tra i quali anche macchine da diserbo e irrorazione in agricoltura.

Nonostante la crescente competizione del mercato, il tasso di crescita di Udor non ha conosciuto soste nel tempo e questa è la migliore prova della competitività e qualità dei nostri prodotti e dei nostri processi.

Udor was founded in 1966 and today it develops, manufactures, supplies and services Diaphragm Pumps and Plunger Pumps for pumping water, including chemical-added water, designed for various industries, from Agriculture to Washing, from Fire fighting to Lawn care.

Today, our production covers over 50 models of Diaphragm Pumps (from 2 to 6 cylinders) and over 150 models of Plunger Pumps (from 3 to 6 cylinders).

Our pumps are designed to ensure reliability and long life and we are continuously committed to improve our products to keep ensuring higher performances and quality.

Our products are designed to be incorporated into various types of pumping systems, including agricultural field and orchard sprayers.

Despite the increasing competition on the market, Udor's growth rate has never experienced any downturn and this is the best proof of the competitiveness and quality of our products and processes.



Missione e crescita Mission and growth

La nostra missione è quella di essere riconosciuti nel nostro mercato mondiale di riferimento come un'azienda competitiva, innovativa e affidabile.

La nostra organizzazione soddisfa le direttive ISO-9001 e siamo continuamente impegnati nel miglioramento delle prestazioni aziendali in tutti i reparti, in quanto pensiamo che ciò sia alla base del nostro successo.

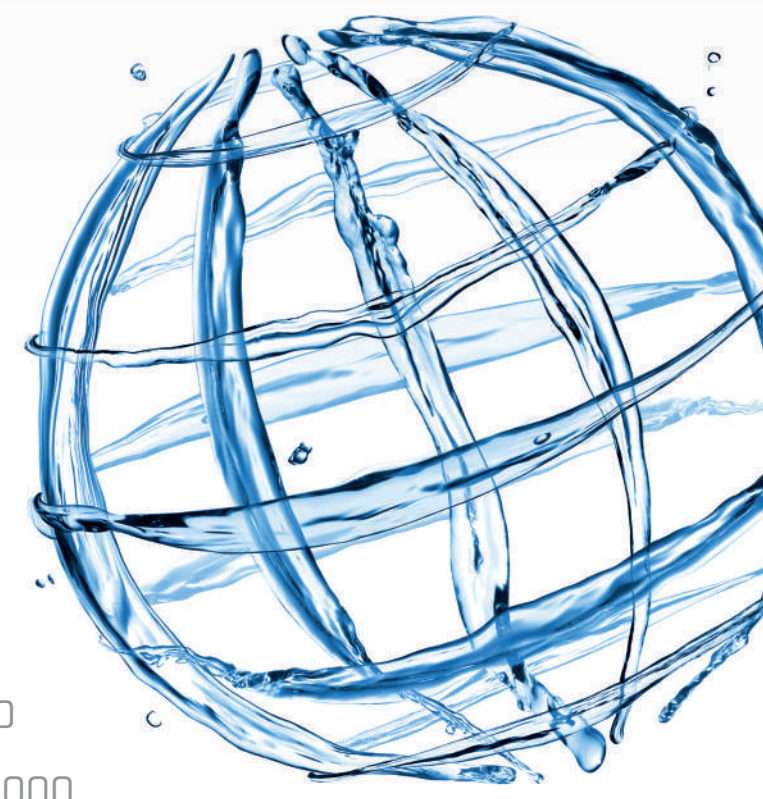
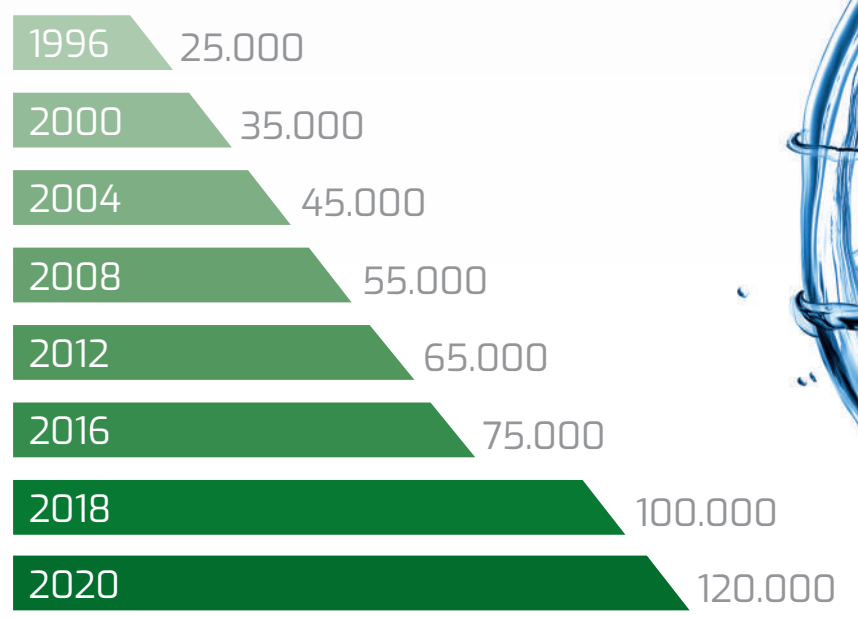
Crediamo nel lavorare in modo etico e attento ai bisogni del cliente.

Our mission is to be recognized in our world-wide industry as a competitive, innovative and reliable company.

Our organization complies with the requirements of ISO-9001 and we are committed to the continuous improvement of the performance of all departments company, because we think that this is the basis of our success.

We strongly believe in conducting business with ethics and in listening to customer needs.

NUMERO DI POMPE VENDUTE NUMBER OF PUMPS SOLD



GREENTECH

Green Evolution. Green Diaphragm.

Ideata e costruita con un innovativo materiale ed un migliorato profilo, la nuova membrana GREENTECH è frutto del continuo impegno dei nostri reparti R&D e tecnico per il perfezionamento delle pompe UDOR.

La nuova membrana GREENTECH sarà riconoscibile dal nuovo colore verde, che da sempre identifica UDOR.

La nuova e migliorata forma della membrana GREENTECH e il nuovo materiale, ne garantiscono una minore deformazione e cavitazione causate dall'uso, una maggiore flessibilità e resistenza meccanica, pertanto una minore usura.

GREENTECH è più resistente alle variazioni di temperatura e risulta più compatibile con la maggior parte dei prodotti chimici, utilizzati soprattutto nel settore agricolo e nella cura del verde.

Le nostre pompe a membrana saranno quindi ancor più affidabili, longeve e resistenti, grazie alla nuova membrana GREENTECH.

Designed and built with an innovative material and a better design, the new GREENTECH diaphragm is the result of the continuous commitment from our R&D and technical departments to improve UDOR pumps.

The new GREENTECH diaphragm will be recognizable by the new green colour, which has always identified UDOR.

The new and improved shape of the GREENTECH diaphragm, guarantees less deformation and cavitation caused by use, as well as a greater mechanical strength and flexibility, at the end, ensures less wear.

The GREENTECH diaphragm is more resistant to temperature variations and has an excellent compatibility with most chemicals especially used in agricultural spraying and lawn care.

As a consequence, our diaphragm pumps will be more reliable, long-lasting and resistant, thanks to the new GREENTECH diaphragm.



Resistenza Meccanica
Mechanical Strength



Durata
Endurance



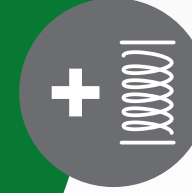
Compatibilità Chimica
Chemical Compatibility



Efficienza
Efficiency



Affidabilità
Reliability



Flessibilità
Flexibility



Resistenza alle Variazioni di Temperatura
Resistance to Temperature Changes



Utilizzi Principali

Main Applications



Diserbo Agricolo
Boom-Spraying



Edilizia
Construction



Giardinaggio /
Cura del Verde
*Gardening /
Lawn Care*



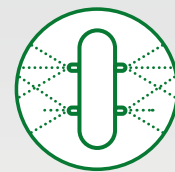
Nebulizzazione
Misting



Disinfezione /
Trattamenti Chimici
*Pest Control &
Disinfection*



Antincendio
Fire Fighting



Irrorazione Agricola
Orchard-Spraying



Antigelo
De-icing



Perforazione
Drilling



ZETA 70

ZETA 70

Max.: 71 l/min - 19 GPM · 20 bar - 290 PSI · 550 RPM

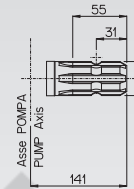
1C ZETA 70 cod. 845100



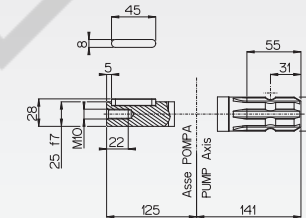
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090315

Versioni Versions

1C ZETA 70 cod. 845100



TS 1C ZETA 70 cod. 845200



Applicazioni Shaft adaptors

Applicazioni motori idraulici
Hydraulic motor connections



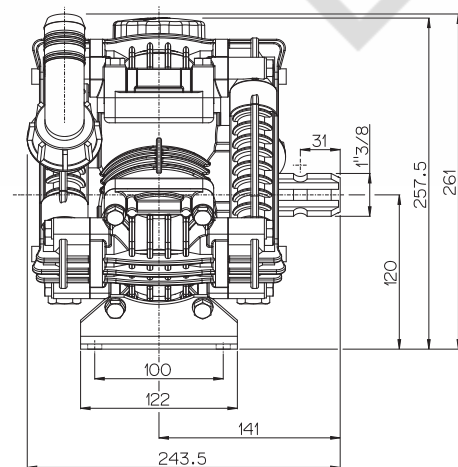
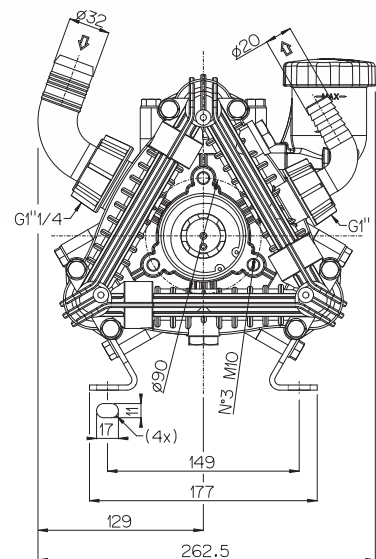
MI
vedi pag 92 see page 92

Applicazioni motori idraulici
Hydraulic motor connections



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
ZETA 70	400	51.5	13.6	0.5	0.4	49.1	13.0	1.0	0.7	48.8	12.9	1.4	1.0	48.4	12.8	1.9	1.4	48.1	12.7	2.5	1.9	9.0	19.8
	450	57.6	15.2	0.6	0.4	55.1	14.6	1.1	0.8	54.6	14.4	1.6	1.1	54.1	14.3	2.2	1.6	53.8	14.2	2.8	2.1		
	500	63.5	16.8	0.6	0.5	61.2	16.2	1.2	0.9	60.8	16.1	1.7	1.6	60.4	16.0	2.4	1.8	60.0	15.9	3.2	2.3		
	550	71.0	19.0	0.7	0.5	66.6	17.6	1.3	1.0	66.2	17.5	1.9	1.4	65.8	17.4	2.6	1.9	65.5	17.3	3.4	2.5		



Gruppi regolazione pressione *Pressure control units*

vedi pag. 79-82 see pages 79-82

DL



DS



SB



CB



VCB



ZX



ZETA 85

ZETA 85

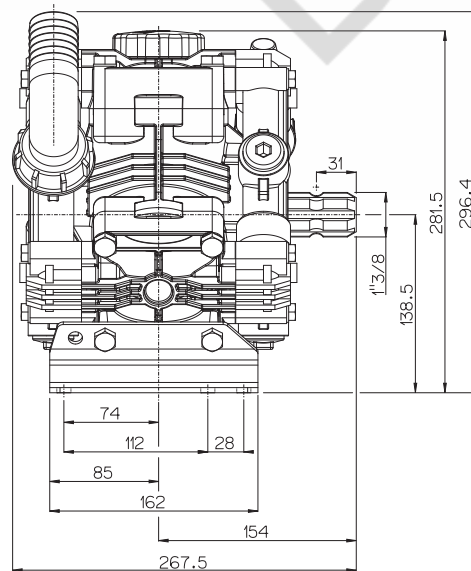
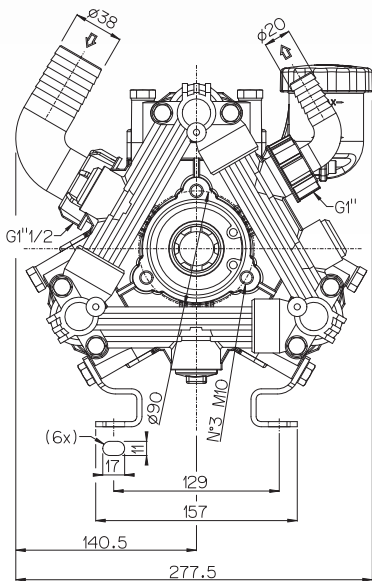
Max.: 85 l/min - 23 GPM · 20 bar - 290 PSI · 550 RPM

1C ZETA 85 cod. 976300



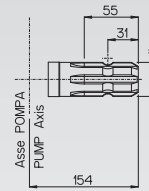
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

MOD.	RPM	0 bar / 0 PSI		5 bar / 72 PSI		10 bar / 145 PSI		15 bar / 217 PSI		20 bar / 290 PSI		Peso Weight											
		Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power												
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb								
ZETA 85	400	62.2	16.4	0.6	0.5	58.6	15.5	1.2	0.9	58.2	15.4	1.7	1.2	57.5	15.2	2.3	1.7	57.3	15.1	3.0	2.2	12.0	26.5
	450	69.7	18.4	0.7	0.5	65.9	17.4	1.3	1.0	65.5	17.3	1.9	1.4	64.9	17.1	2.6	1.9	64.6	17.1	3.4	2.5		
	500	77.2	20.4	0.8	0.6	73.2	19.3	1.5	1.1	72.7	19.2	2.1	1.5	72.2	19.1	2.9	2.1	71.8	19.0	3.8	2.8		
	550	84.6	23.0	0.8	0.6	80.4	21.2	1.6	1.2	79.9	21.1	2.3	1.7	79.4	21.0	3.2	2.3	79.0	20.9	4.2	3.1		



Versioni Versions

1C ZETA 85 cod. 976300



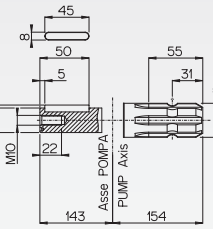
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
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TS 1C ZETA 85 cod. 977900

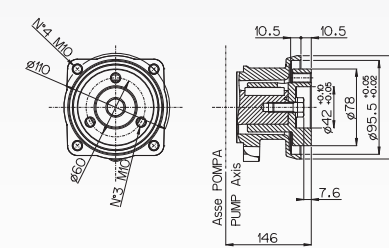


Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



MI Δ
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VA ZETA 85 cod. 790400



Riduttore per motore
elettrico
Gear reduction for
electric motors



E 127
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Riduttore per motore
a scoppio
Gear reduction for
gasoline/diesel engine



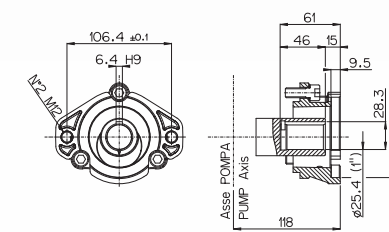
S 160
vedi pag 88 see page 88

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
vedi pag 92 see page 92

MI-1" ZETA 85 cod. 828900



Gruppi regolazione pressione Pressure control units

vedi pag. 79-82 see pages 79-82

DL



DS



SB



CB



VCB



ZX



ZETA 100

ZETA 100

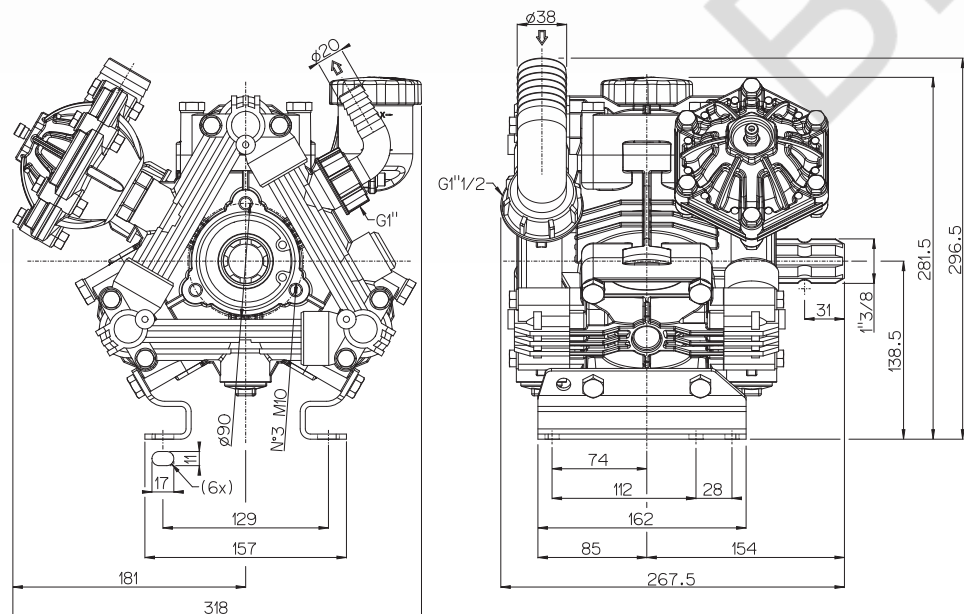
Max.: 98 l/min - 26 GPM · 20 bar - 290 PSI · 550 RPM

1C ZETA 100 cod. 976400



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

MOD.	RPM	0 bar / 0 PSI		5 bar / 72 PSI		10 bar / 145 PSI		15 bar / 217 PSI		20 bar / 290 PSI		Peso Weight											
		Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power												
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb								
ZETA 100	400	72.8	19.2	0.7	0.5	69.2	18.3	1.4	1.0	68.8	18.2	2.0	1.4	68.4	18.1	2.7	2.0	68.2	18.0	3.6	2.6	13.0	28.7
	450	81.6	21.6	0.8	0.6	77.6	20.5	1.6	1.1	77.2	20.4	2.2	1.6	75.5	19.9	3.0	2.2	76.4	20.2	4.0	3.0		
	500	90.4	23.9	0.9	0.7	86.0	22.7	1.7	1.3	85.6	22.6	2.4	1.8	82.5	21.8	3.3	2.4	84.6	22.4	4.5	3.3		
	550	98.0	26.0	1.0	0.7	92.7	24.5	1.9	1.4	92.2	24.4	2.6	1.9	91.7	24.2	3.7	2.7	91.3	24.1	4.8	3.5		

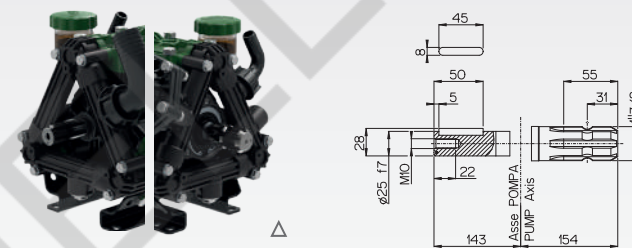


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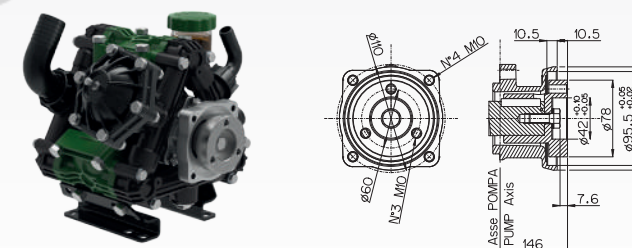
1C ZETA 100 cod. 976400



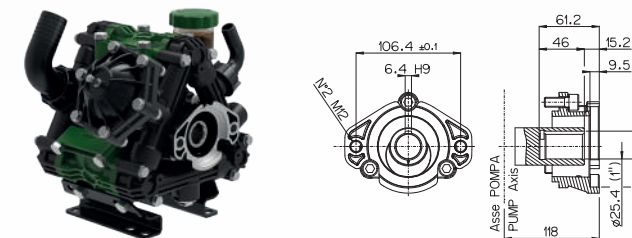
TS 1C ZETA 100 cod. 978000



VA ZETA 100 cod. 979000



MI-1" ZETA 100 cod. 829000



Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
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Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



MI Δ
vedi pag 92 see page 92

Riduttore per motore
elettrico
Gear reduction for
electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore
a scoppio
Gear reduction for
gasoline/diesel engine



S 160
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Applicazioni motori
idraulici
Hydraulic motor
connections



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Gruppi regolazione pressione Pressure control units

vedi pag. 79-82 see pages 79-82



ZETA 120

ZETA 140

ZETA 120 ZETA 140

Max.: 116 l/min - 31 GPM · 20 bar - 290 PSI · 550 RPM

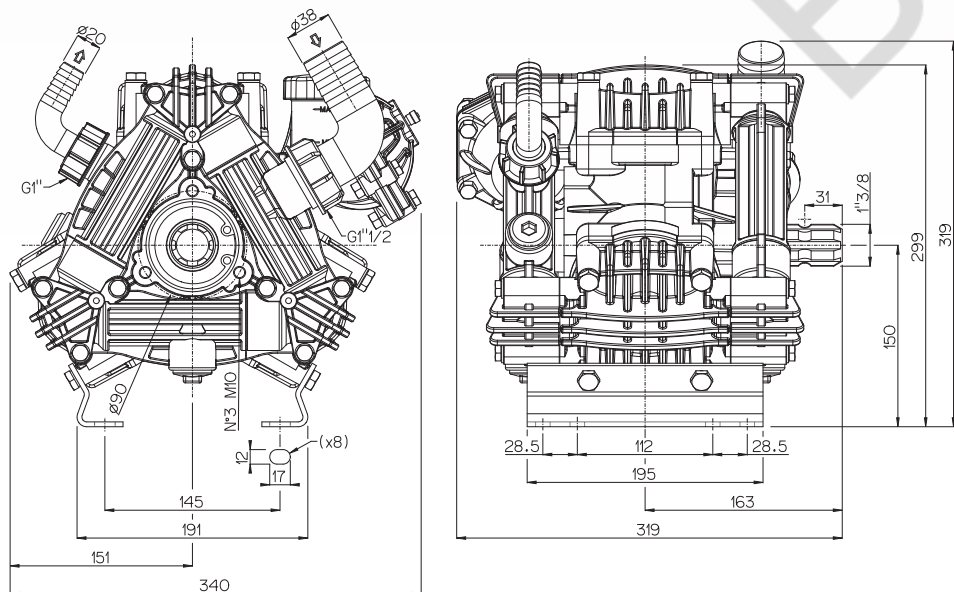
Max.: 135 l/min - 36 GPM · 20 bar - 290 PSI · 550 RPM

1C ZETA 120 cod. 846800
ZETA 140 cod. 846900



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090361

MOD.	RPM	0 bar / 0 PSI		5 bar / 72 PSI		10 bar / 145 PSI		15 bar / 217 PSI		20 bar / 290 PSI		Peso											
		Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Kg	lb										
ZETA 120	400	86.9	23.0	0.9	0.6	83.7	22.1	1.1	0.8	82.8	21.9	2.1	1.6	82.2	21.7	3.2	2.3	81.9	21.6	4.2	3.1	18.0	39.7
	450	96.6	25.5	1.0	0.7	93.4	24.7	1.2	0.9	92.5	24.4	2.4	1.7	91.9	24.3	3.5	2.6	91.6	24.2	4.7	3.5		
	500	106.3	28.1	1.1	0.8	103.1	27.2	1.3	1.0	102.2	27.0	2.6	1.9	101.6	26.8	3.9	2.9	101.3	26.8	5.2	3.8		
	550	116.0	31.0	1.2	0.9	112.8	29.8	1.4	1.1	111.9	29.6	2.9	2.1	111.3	29.4	4.3	3.1	111.0	29.3	5.7	4.2		
ZETA 140	400	101.7	26.6	1.0	0.7	97.6	25.8	1.3	0.9	97.2	25.7	2.5	1.8	96.9	25.6	3.7	2.7	96.7	25.5	5.0	3.6	18.0	39.7
	450	119.8	31.4	1.2	0.9	108.7	28.7	1.4	1.0	108.3	28.6	2.8	2.0	108.0	28.5	4.2	3.1	107.8	28.5	5.5	4.1		
	500	123.9	32.5	1.2	0.9	119.8	31.7	1.5	1.1	119.4	31.5	3.1	2.3	119.1	31.5	4.6	3.4	118.9	31.4	6.1	4.5		
	550	135.0	36.0	1.3	1.0	130.9	34.6	1.7	1.2	130.5	34.5	3.3	2.5	130.2	34.4	5.0	3.7	130.0	34.3	6.7	4.9		

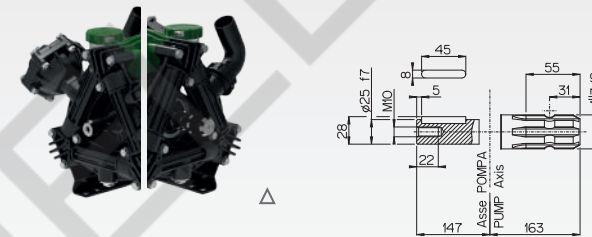


Versioni Versions

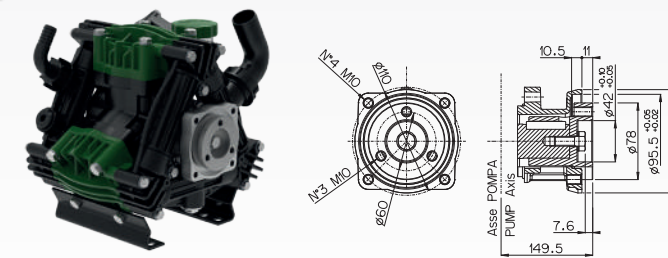
1C ZETA 120 cod. 846800 - ZETA 140 cod. 846900



TS 1C ZETA 120 cod. 847000 - ZETA 140 cod. 845500



VA ZETA 120 cod. 845000



Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
vedi pag 92 see page 92

Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



MI Δ
vedi pag 92 see page 92

Riduttore per motore
elettrico
Gear reduction for
electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a
scoppio
Gear reduction for
gasoline/diesel engine



S 160
vedi pag 88 see page 88

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

vedi pag. 79-82 see pages 79-82



ZETA 170

ZETA 170

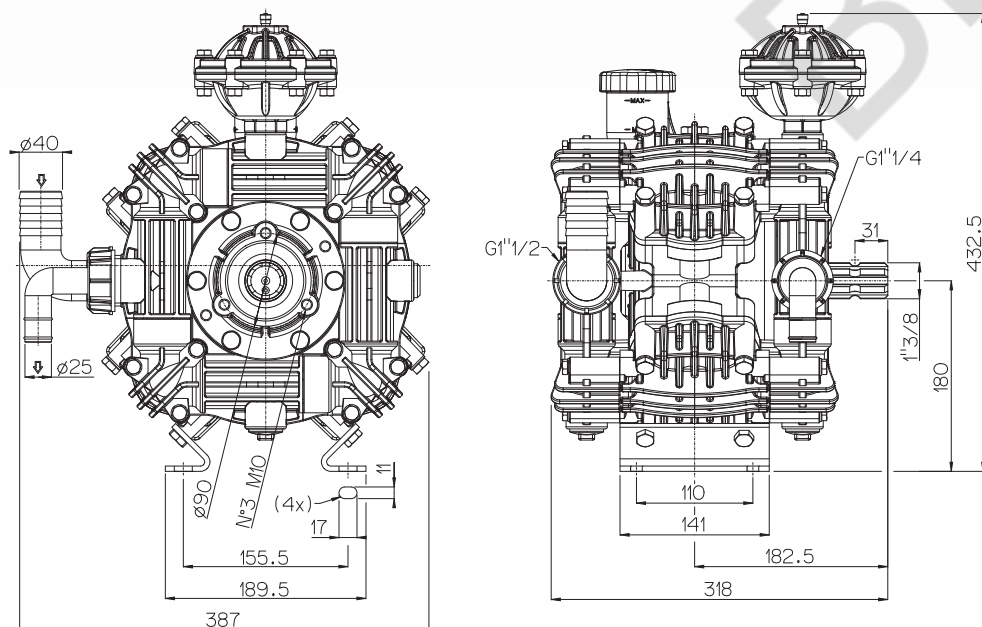
Max.: 170 l/min - 45 GPM · 20 bar - 290 PSI · 550 RPM

1C ZETA 170 cod. 844500



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090361

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
ZETA 170	400	125.9	33.3	1.3	0.9	121.0	32.0	1.6	1.1	120.3	31.8	3.1	2.3	119.6	31.6	4.6	3.4	118.9	31.4	6.1	4.5	24.0	52.9
	450	140.6	37.1	1.4	1.0	135.7	35.9	1.7	1.3	135.0	35.7	3.5	2.5	134.3	35.5	5.2	3.8	133.6	35.3	6.9	5.0		
	500	155.3	41.0	1.6	1.1	150.4	39.7	1.9	1.4	149.7	39.6	3.8	2.8	149.0	39.4	5.7	4.2	148.3	39.2	7.6	5.6		
	550	170.0	45.0	1.7	1.2	165.1	43.6	2.1	1.6	164.4	43.4	4.2	3.1	163.7	43.2	6.3	4.6	163.0	43.1	8.4	6.1		

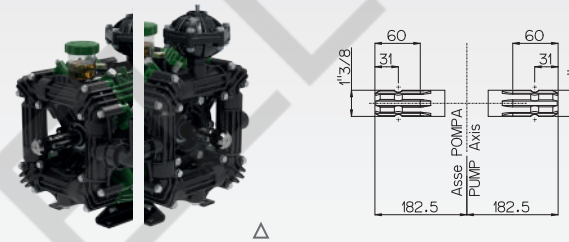


Versioni Versions

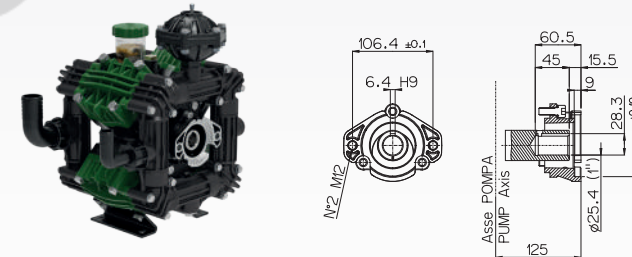
1C ZETA 170 cod. 844500



TS 2C ZETA 170 cod. 846700



MI-1" ZETA 170 cod. 844400



Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



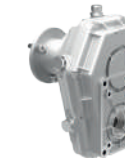
MI
vedi pag 92 see page 92

Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



MI Δ
vedi pag 92 see page 92

Moltiplicatore
Multiplier



MTP 381 Δ
vedi pag 90 see page 90

Gruppi regolazione pressione Pressure control units

VRG 400



vedi pag. 80 see page 80

ZETA 200

ZETA 200

Max.: 198 l/min - 53 GPM · 20 bar - 290 PSI · 550 RPM

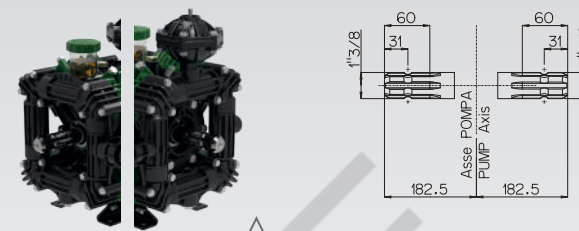
TS 2C ZETA 200 cod. 849700



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090361

Versioni Versions

TS 2C ZETA 200 cod. 849700



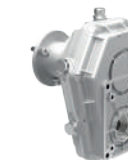
Applicazioni Shaft adaptors

Applicazioni motori idraulici
Shaft adaptors for hydraulic motor



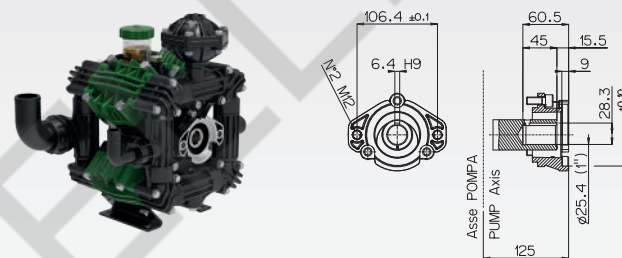
MI Δ
vedi pag 92 see page 92

Moltiplicatore
Multiplier

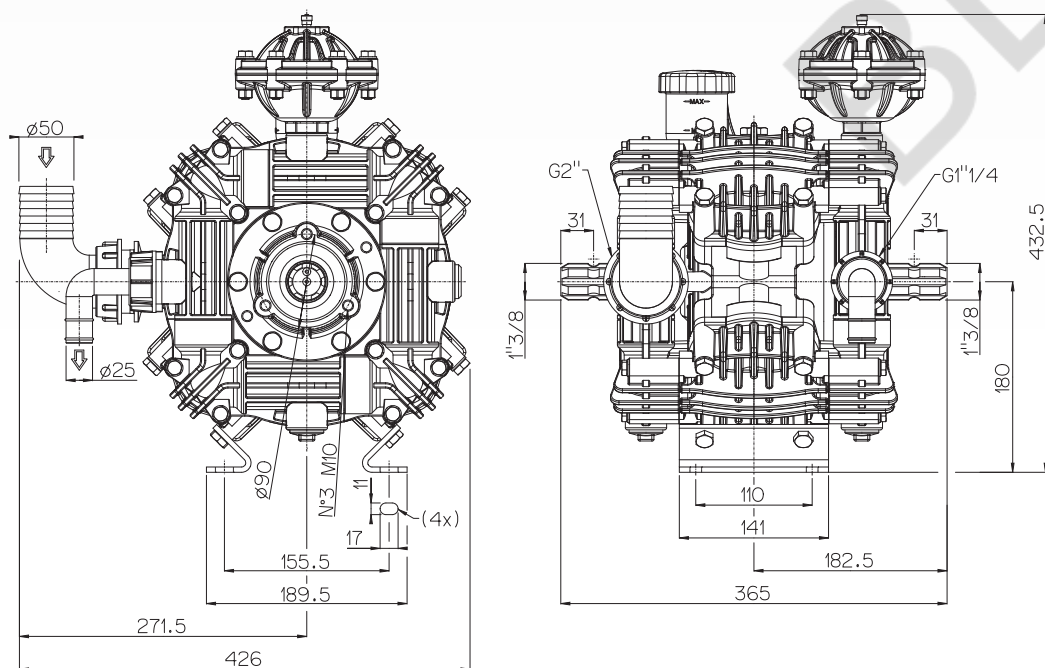


MTP 381 Δ
vedi pag 90 see page 90

MI-1" ZETA 200 cod. 842000



MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW		
ZETA 200	400	145.8	38.5	1.5	1.1	140.9	37.2	1.8	1.3	140.2	37.0	3.6	2.6	139.5	36.9	5.4	3.9	138.8	36.7	7.1	5.2	26.0	57.3
	450	163.2	43.1	1.6	1.2	158.3	41.8	2.0	1.5	157.6	41.6	4.0	3.0	156.9	41.5	6.0	4.4	156.2	41.3	8.0	5.9		
	500	180.6	47.7	1.8	1.3	175.7	46.4	2.3	1.7	175.0	46.2	4.5	3.3	174.3	46.1	6.7	4.9	173.6	45.9	8.9	6.5		
	550	198.0	53.0	2.0	1.5	193.1	51.0	2.5	1.8	192.4	50.8	4.9	3.6	191.7	50.6	7.4	5.4	191.0	50.5	9.8	7.2		



Gruppi regolazione pressione Pressure control units

VRG 400



vedi pag. 80 see page 80

ZETA 230 ZETA 260 ZETA 300

ZETA 230
ZETA 260
ZETA 300

Max.: 228 l/min - 61 GPM · 20 bar - 290 PSI · 550 RPM Max.: 256 l/min - 68 GPM · 20 bar - 290 PSI · 550 RPM Max.: 295 l/min - 78 GPM · 20 bar - 290 PSI · 550 RPM

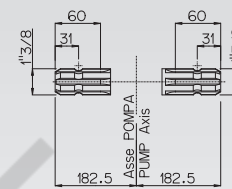
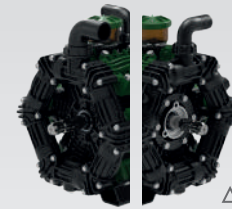
TS 2C ZETA 230 cod. 849900
ZETA 260 cod. 849800
ZETA 300 cod. 849600



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090361

Versioni Versions

TS 2C ZETA 230 cod. 849900 - ZETA 260 cod. 849800
ZETA 300 cod. 849600



Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



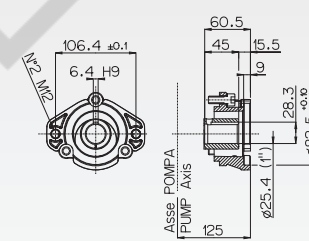
MI Δ
vedi pag 92 see page 92

Moltiplicatore
Multiplier

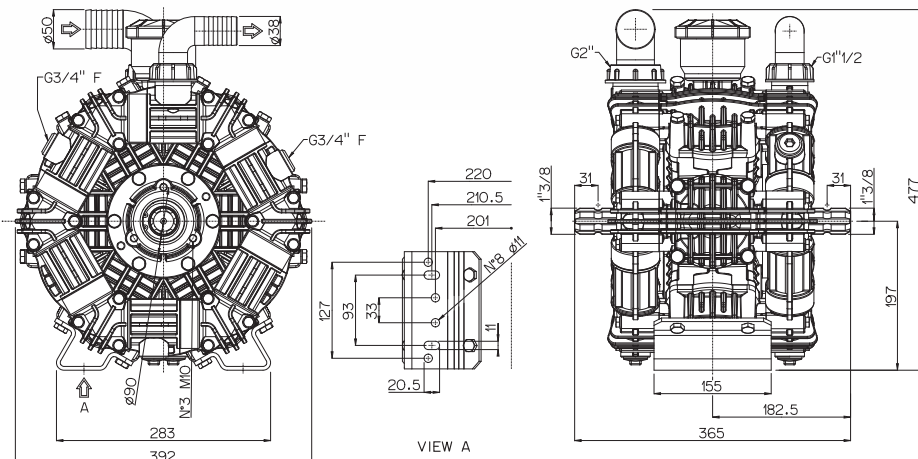


MTP 381 Δ
vedi pag 90 see page 90

MI-1" ZETA 230 cod. 841500 - ZETA 260 cod. 844100
ZETA 300 cod. 841000



MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
ZETA 230	400	169.5	44.8	1.7	1.2	164.1	43.4	2.1	1.5	162.8	43.0	4.2	3.1	161.6	42.7	6.2	4.6	160.5	42.4	8.2	6.0	36.0	79.4
	450	189.0	49.9	1.9	1.4	183.6	48.5	2.4	1.7	182.3	48.2	4.7	3.4	181.1	47.8	7.0	5.1	180.0	47.6	9.2	6.8		
	500	208.5	55.1	2.1	1.5	203.1	53.7	2.6	1.9	201.6	53.3	5.2	3.8	200.6	53.0	7.7	5.7	199.5	52.7	10.2	7.5		
	550	228.0	61.0	2.3	1.7	222.6	58.8	2.9	2.1	221.3	58.5	5.7	4.2	220.1	58.2	8.5	6.2	219.0	57.9	11.2	8.3		
ZETA 260	400	190.9	50.4	1.9	1.4	185.5	49.0	2.4	1.7	184.2	48.7	4.7	3.5	183.0	48.3	7.0	5.2	181.9	48.1	9.3	6.9	36.0	79.4
	450	212.6	56.2	2.1	1.6	207.2	54.7	2.7	2.0	205.9	54.4	5.3	3.9	204.7	54.1	7.9	5.8	203.6	53.8	10.4	7.7		
	500	234.3	61.9	2.3	1.7	228.9	60.5	2.9	2.2	227.6	60.1	5.8	4.3	226.4	59.8	8.7	6.4	225.3	59.5	11.6	8.5		
	550	256.0	68.0	2.6	1.9	250.6	66.2	3.2	2.4	249.3	65.9	6.4	4.7	248.1	65.5	9.5	7.0	247.0	65.3	12.7	9.3		
ZETA 300	400	215.5	56.9	2.2	1.6	213.3	56.4	2.7	2.0	212.2	56.1	5.4	4.0	211.1	55.8	8.1	6.0	210.0	55.5	10.8	7.9	37.0	81.6
	450	242.0	63.9	2.4	1.8	239.3	63.2	3.1	2.3	238.2	62.9	6.1	4.5	237.1	62.6	9.1	6.7	236.0	62.4	12.1	8.9		
	500	268.5	70.9	2.7	2.0	265.3	70.1	3.4	2.5	264.2	69.8	6.8	5.0	263.1	69.5	10.1	7.4	262.0	69.2	13.4	9.9		
	550	295.0	78.0	3.0	2.2	291.3	77.0	3.7	2.7	290.2	76.7	7.4	5.5	289.1	76.4	11.1	8.2	288.0	76.1	14.8	10.9		



Gruppi regolazione pressione *Pressure control units*

vedi pag. 80 see page 80

VRG 400



ZETA 350

ZETA 400

ZETA 350 ZETA 400

Max.: 345 l/min - 92 GPM · 20 bar - 290 PSI · 550 RPM

Max.: 400 l/min - 106 GPM · 20 bar - 290 PSI · 550 RPM

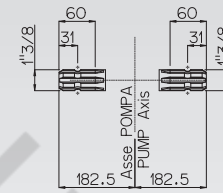
TS 2C ZETA 350 cod. 819900
ZETA 400 cod. 820000



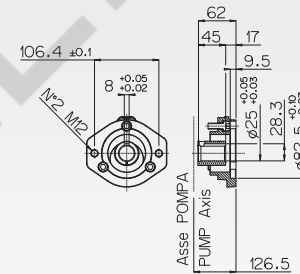
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090362

Versioni Versions

TS 2C ZETA 350 cod. 819900 - ZETA 400 cod. 820000



MI-25 ZETA 350 cod. 819800



Applicazioni Shaft adaptors

Applicazioni motori idraulici
Shaft adaptors for hydraulic motor



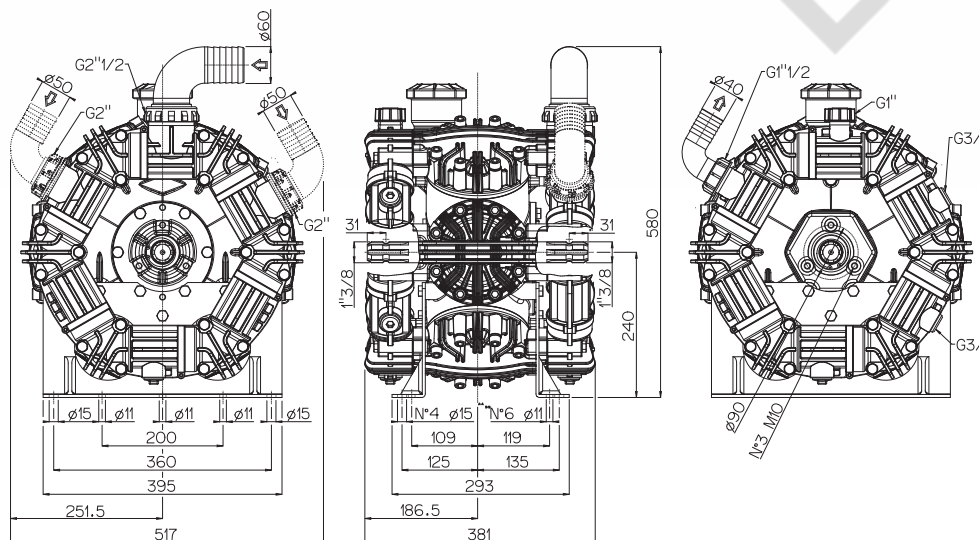
MI Δ
vedi pag 92 see page 92

Moltiplicatore
Multiplier



MTP 381 Δ
vedi pag 90 see page 90

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
ZETA 350	400	251.0	66.3	2.5	1.8	247.0	65.3	4.9	3.6	244.0	64.5	7.0	5.1	242.0	63.9	9.7	7.1	240.0	63.4	12.6	9.3	70.0	154.3
	450	282.0	74.5	2.8	2.1	278.0	73.4	5.6	4.1	275.0	72.7	7.9	5.8	272.0	71.9	10.9	8.0	270.0	71.3	14.2	10.4		
	500	314.0	83.0	3.1	2.3	310.0	81.9	6.2	4.6	306.0	80.8	8.7	6.4	303.0	80.1	12.1	8.9	301.0	79.5	15.8	11.6		
	550	345.0	92.0	3.5	2.5	340.0	89.8	6.8	5.0	336.0	88.8	9.6	7.1	333.0	88.0	13.3	9.8	331.0	87.5	17.4	12.8		
ZETA 400	400	292.0	77.1	2.9	2.1	289.0	76.4	5.8	4.2	286.0	75.6	8.2	6.0	284.0	75.0	11.4	8.3	283.0	74.8	14.9	10.9	70.0	154.3
	450	328.0	86.7	3.3	2.4	324.0	85.6	6.5	4.8	321.0	84.8	9.2	6.7	319.0	84.3	12.8	9.4	318.0	84.0	16.7	12.3		
	500	364.0	96.2	3.6	2.7	360.0	95.1	7.2	5.3	357.0	94.3	10.2	7.5	355.0	93.8	14.2	10.4	354.0	93.5	18.6	13.7		
	550	400.0	106.0	4.0	2.9	396.0	104.6	7.9	5.8	393.0	103.8	11.2	8.3	391.0	103.3	15.6	11.5	390.0	103.0	20.5	15.1		



Gruppi regolazione pressione Pressure control units

VRG 400



vedi pag. 80 see page 80

IOTA 20

IOTA 25

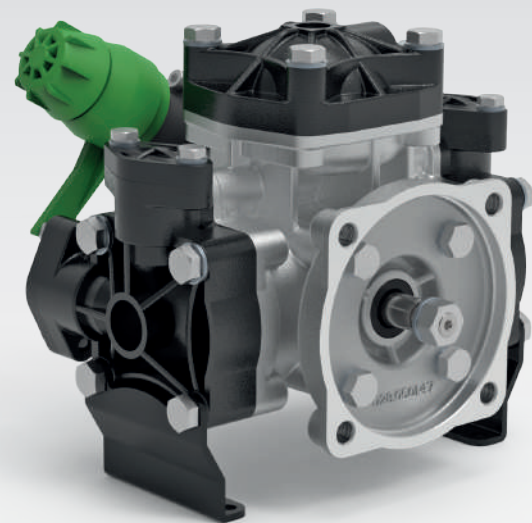
IOTA 20 IOTA 25

Max.: 19 l/min - 5 GPM · 20 bar - 290 PSI · 600 RPM

Max.: 24 l/min - 7 GPM · 20 bar - 290 PSI · 600 RPM

IOTA 20 cod. 844200

GR IOTA 25 cod. 844300



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090312

Versione Version

IOTA 20 IOTA 20 cod. 844200



IOTA 25 GR IOTA 25 cod. 844300



Applicazioni Shaft adaptors

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 151
vedi pag 86 see page 86

Riduttore per motore elettrico
Gear reduction for electric motors



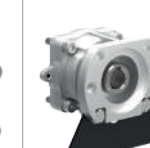
E 127
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



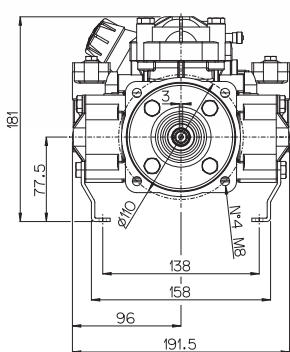
S 151
vedi pag 86 see page 86

Applicazioni motori idraulici
Hydraulic motor connections

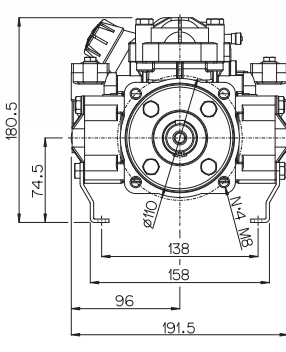
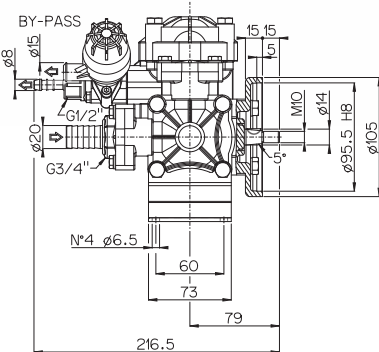


MI
vedi pag 92 see page 92

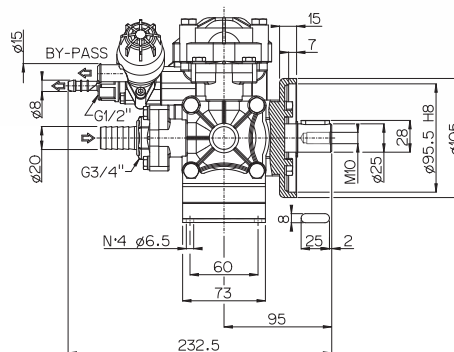
MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
IOTA 20	450	15.9	4.9	0.2	0.1	12.6	3.3	0.3	0.2	12.2	3.2	0.3	0.3	11.9	3.1	0.5	0.3	11.7	3.1	0.6	0.5	3.9	8.6
	500	16.8	4.4	0.2	0.1	14.1	3.7	0.3	0.2	13.7	3.6	0.4	0.3	13.4	3.5	0.5	0.4	13.2	3.5	0.7	0.5		
	550	17.6	4.6	0.2	0.1	15.3	4.0	0.3	0.2	14.9	3.9	0.4	0.3	14.6	3.9	0.6	0.4	14.4	3.8	0.8	0.6		
	600	19.0	5.0	0.2	0.1	16.9	4.5	0.3	0.2	16.5	4.4	0.5	0.3	16.2	4.3	0.6	0.5	16.0	4.2	0.8	0.6		
IOTA 25	450	18.5	4.9	0.2	0.1	16.8	4.4	0.3	0.2	16.4	4.3	0.5	0.3	16.1	4.3	0.6	0.5	15.9	4.2	0.8	0.6	4.2	9.3
	500	20.9	5.5	0.2	0.2	18.5	4.9	0.4	0.3	18.1	4.8	0.5	0.4	17.8	4.7	0.7	0.5	17.6	4.6	0.9	0.7		
	550	22.5	5.9	0.2	0.2	20.2	5.3	0.4	0.3	19.8	5.2	0.6	0.4	19.5	5.2	0.8	0.6	19.3	5.1	1.0	0.7		
	600	24.0	7.0	0.2	0.2	22.1	5.8	0.4	0.3	21.7	5.7	0.6	0.5	21.4	5.7	0.9	0.6	21.2	5.6	1.1	0.8		



IOTA 20



IOTA 25

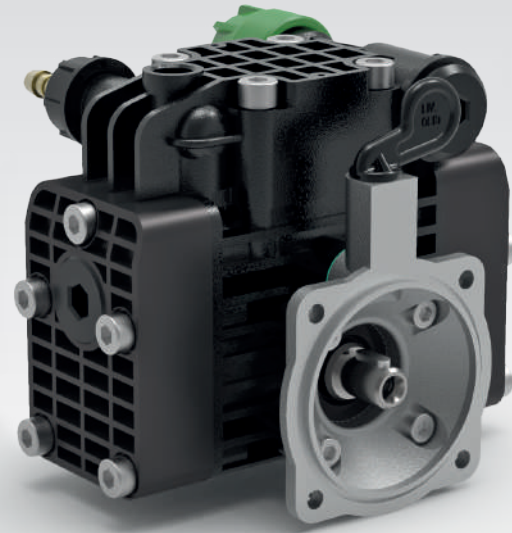


KAPPA 15

KAPPA 15

Max.: 16 l/min - 5 GPM · 20 bar - 290 PSI · 1450 RPM

A KAPPA 15 cod. 801600



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090305

Versioni Versions

KAPPA 15 A KAPPA 15 cod. 801600



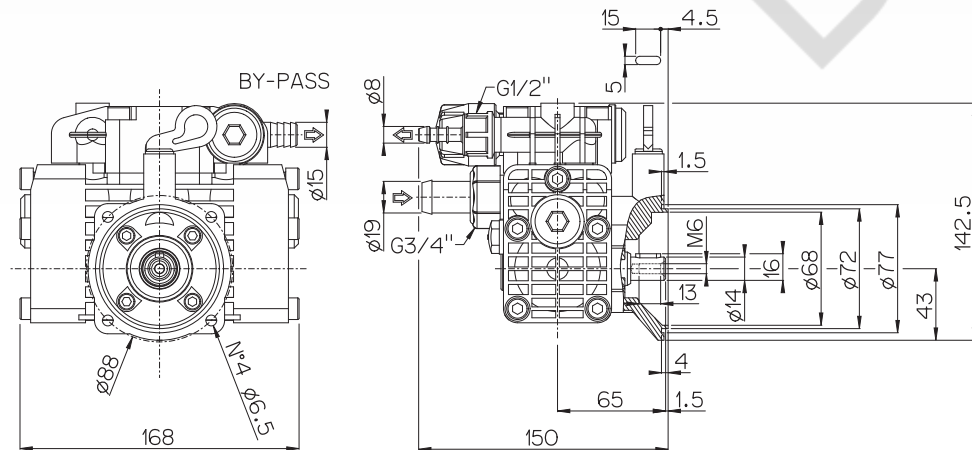
Applicazioni Shaft adaptors

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 124
vedi pag 86 see page 86

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
KAPPA 15	1300	14.0	3.7	0.1	0.1	11.2	3.0	0.2	0.2	10.5	2.8	0.3	0.2	10.2	2.7	0.4	0.3	10.0	2.6	0.5	0.4	2.5	5.5
	1350	14.5	3.8	0.1	0.1	11.5	3.0	0.2	0.2	10.7	2.8	0.3	0.2	10.4	2.7	0.4	0.3	10.2	2.7	0.5	0.4		
	1400	15.0	4.0	0.2	0.1	11.8	3.1	0.2	0.2	10.9	2.9	0.3	0.2	10.6	2.8	0.4	0.3	10.4	2.7	0.5	0.4		
	1450	16.0	5.0	0.2	0.1	12.1	3.2	0.2	0.2	11.1	2.9	0.3	0.2	10.8	2.9	0.4	0.3	10.6	2.8	0.6	0.4		



KAPPA 25

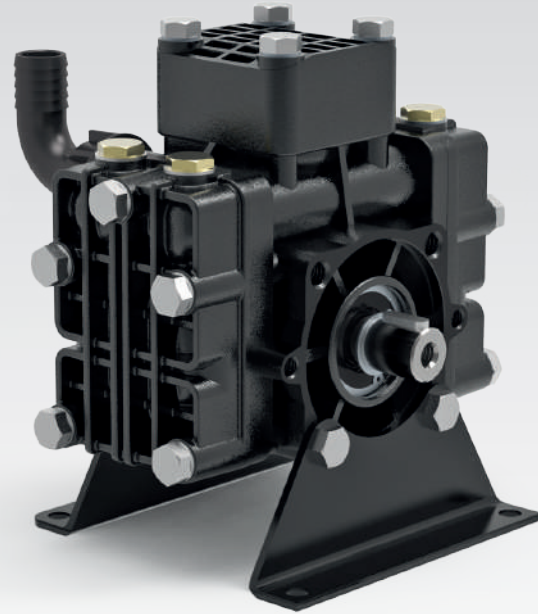
KAPPA 32

KAPPA 25 KAPPA 32

Max.: 30 l/min - 7.9 GPM · 30 bar - 435 PSI · 550 RPM

Max.: 36 l/min - 9.5 GPM · 30 bar - 435 PSI · 550 RPM

GR KAPPA 25 cod. 843100
KAPPA 32 cod. 843200



Accessori Accessories



Versione comando a distanza
Remote control version
cod. 870407

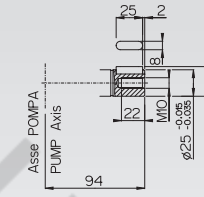
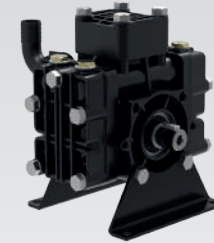
Necessario per pompe senza gruppo regolazione montato
Necessary for pumps without control unit mounted on



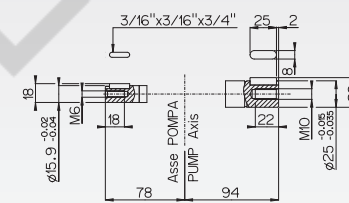
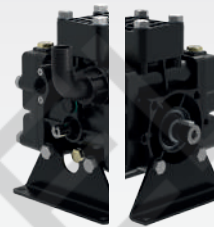
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090315

Versioni Versions

GR KAPPA 25 cod. 843100 - KAPPA 32 cod. 843200



TS GR KAPPA 25 cod. 843300 - KAPPA 32 cod. 843400



Applicazioni Shaft adaptors

Riduttore per motore elettrico
Gear reduction for electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 151
vedi pag 86 see page 86

Applicazioni motori idraulici
Hydraulic motor connections



MI
vedi pag 92 see page 92

Riduttore per motore elettrico
Gear reduction for electric motors



E 127 Δ
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



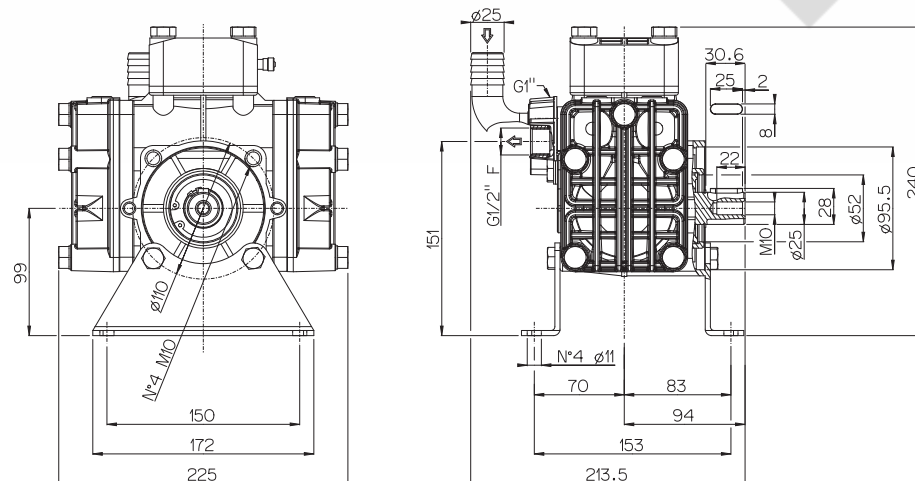
S 151 Δ
vedi pag 86 see page 86

Applicazioni motori idraulici
Hydraulic motor connections



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
KAPPA 25	400	21.2	5.6	0.2	0.2	19.2	5.1	0.4	0.3	18.6	4.9	0.5	0.4	18.1	4.8	1.0	0.7	17.6	4.6	1.4	1.0	7.5	16.5
	450	24.0	6.3	0.2	0.2	21.2	5.6	0.4	0.3	20.5	5.4	0.6	0.4	19.9	5.3	1.0	0.8	19.4	5.1	1.5	1.1		
	500	26.8	7.1	0.3	0.2	23.2	6.1	0.5	0.3	22.4	5.9	0.6	0.5	21.7	5.7	1.1	0.8	21.2	5.6	1.7	1.2		
	550	30.0	7.9	0.3	0.2	25.2	6.7	0.5	0.4	24.3	6.4	0.7	0.5	23.5	6.2	1.2	0.9	23.0	6.1	1.8	1.3		
KAPPA 32	400	28.6	7.6	0.3	0.2	22.2	5.9	0.4	0.3	21.6	5.7	0.6	0.5	21.1	5.6	1.1	0.8	20.7	5.5	1.6	1.2	7.5	16.5
	450	30.1	8.2	0.3	0.2	24.6	6.5	0.5	0.4	24.0	6.3	0.7	0.5	23.5	6.2	1.2	0.9	23.1	6.1	1.8	1.3		
	500	33.4	8.8	0.3	0.2	27.0	7.1	0.5	0.4	26.4	7.0	0.8	0.6	25.9	6.8	1.4	1.0	25.5	6.7	2.0	1.5		
	550	36.0	9.5	0.4	0.3	29.6	7.8	0.6	0.4	28.8	7.6	0.8	0.6	28.3	7.5	1.5	1.1	28.0	7.4	2.2	1.6		



Gruppi regolazione pressione Pressure control units

DL



DS



ZX



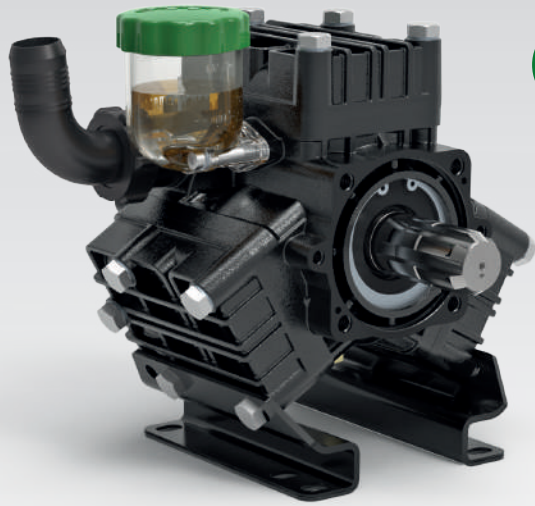
vedi pag. 81-82 see pages 81-82

KAPPA 33 KAPPA 43 KAPPA 53

KAPPA 33
KAPPA 43
KAPPA 53

Max.: 33 l/min - 9 GPM - 40 bar - 580 PSI - 550 RPM Max.: 46 l/min - 13 GPM - 40 bar - 580 PSI - 550 RPM Max.: 55 l/min - 15 GPM - 40 bar - 580 PSI - 550 RPM

1C KAPPA 33 cod. 840600
KAPPA 43 cod. 841100
KAPPA 53 cod. 841600



Accessori Accessories



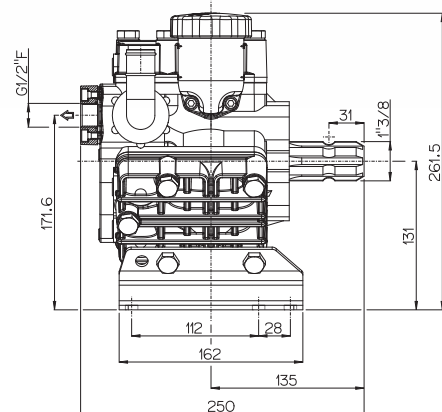
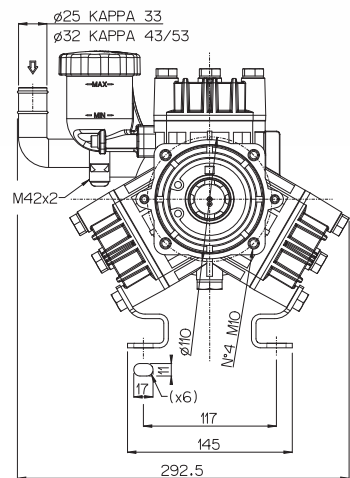
Versione comando a distanza
Remote control version
cod. 870407

Necessario per pompe senza gruppo regolazione montato
Necessary for pumps without control unit mounted on



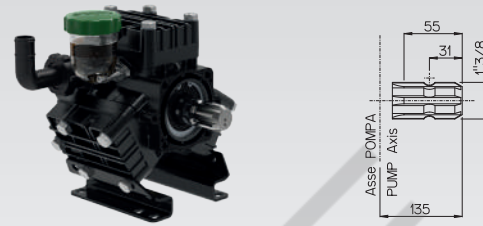
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090315

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
KAPPA 33	400	24.1	6.4	0.2	0.2	21.9	5.8	0.6	0.5	21.3	5.6	1.1	0.8	20.9	5.5	1.6	1.2	20.5	5.4	2.1	1.5	11.0	24.3
	450	27.0	7.1	0.3	0.2	24.7	6.5	0.7	0.5	24.1	6.4	1.3	0.9	23.7	6.3	1.8	1.4	23.3	6.2	2.4	1.8		
	500	29.8	7.9	0.3	0.2	27.5	7.3	0.8	0.6	26.9	7.1	1.4	1.0	26.5	7.0	2.1	1.5	26.1	6.9	2.7	2.0		
	550	33.0	9.0	0.3	0.2	30.2	8.0	0.9	0.6	29.6	7.8	1.6	1.1	29.2	7.7	2.3	1.7	28.8	7.6	3.0	2.2		
KAPPA 43	400	33.7	8.9	0.3	0.2	31.8	8.4	0.9	0.7	31.4	8.3	1.7	1.2	31.1	8.2	2.4	1.8	30.8	8.1	3.2	2.3	11.0	24.3
	450	38.0	10.0	0.4	0.3	36.0	9.5	1.0	0.8	35.6	9.4	1.9	1.4	35.3	9.3	2.7	2.0	35.0	9.2	3.6	2.6		
	500	42.2	11.1	0.4	0.3	40.1	10.6	1.1	0.8	39.7	10.5	2.1	1.5	39.4	10.4	3.1	2.3	39.1	10.3	4.0	2.9		
	550	46.0	13.0	0.5	0.3	43.5	11.5	1.2	0.9	43.1	11.4	2.3	1.7	42.7	11.3	3.3	2.4	42.3	11.2	4.3	3.2		
KAPPA 53	400	40.2	10.6	0.4	0.3	38.2	10.1	1.1	0.8	37.8	10.0	2.0	1.5	37.4	9.9	2.9	2.1	37.0	9.8	3.8	2.8	11.0	24.3
	450	45.0	11.9	0.4	0.3	42.9	11.3	1.2	0.9	42.4	11.2	2.2	1.6	42.0	11.1	3.3	2.4	41.6	11.0	4.3	3.1		
	500	49.7	13.1	0.5	0.4	47.5	12.5	1.4	1.0	47.0	12.4	2.5	1.8	46.6	12.3	3.6	2.7	46.2	12.2	4.7	3.5		
	550	55.0	15.0	0.5	0.4	52.4	13.8	1.5	1.1	51.9	13.7	2.7	2.0	51.4	13.6	4.0	2.9	50.8	13.4	5.2	3.8		

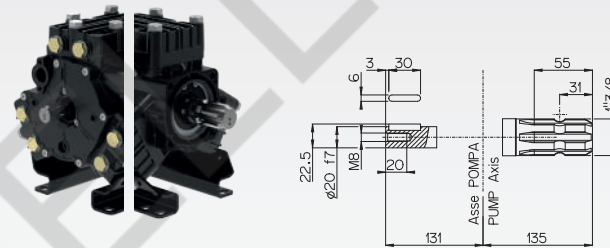


Versioni Versions

1C KAPPA 33 cod. 840600 - KAPPA 43 cod. 841100
KAPPA 53 cod. 841600



TS 1C KAPPA 33 cod. 840900 - KAPPA 43 cod. 841400
KAPPA 53 cod. 841900



GR KAPPA 33 cod. 840700 - KAPPA 43 cod. 841200
KAPPA 53 cod. 841700



Applicazioni Shaft adaptors

Riduttore per motore elettrico
Gear reduction for electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160
vedi pag 88 see page 88



S 164
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

DL



DS



ZX



vedi pag. 81-82 see pages 81-82

KAPPA 55

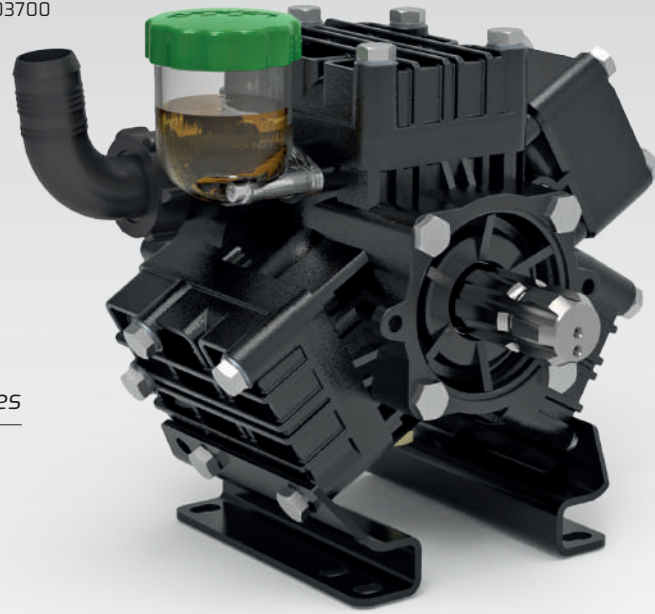
KAPPA 65

KAPPA 55 KAPPA 65

Max.: 57 l/min - 15 GPM · 40 bar - 580 PSI · 550 RPM

Max.: 67 l/min - 18 GPM · 40 bar - 580 PSI · 550 RPM

1C KAPPA 55 cod. 802700
KAPPA 65 cod. 803700



Accessori Accessories



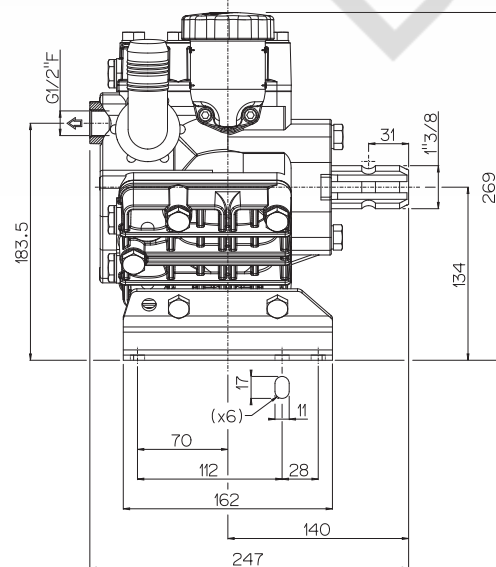
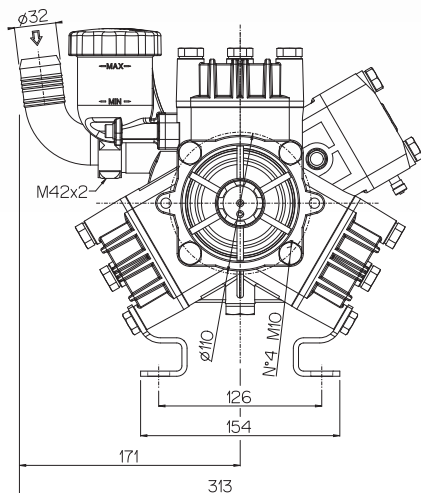
Versione comando a distanza
Remote control version
cod. 870407

Necessario per pompe senza gruppo regolazione montato
Necessary for pumps without control unit mounted on



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090315

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
KAPPA 55	400	41.5	11.0	0.4	0.3	39.1	10.3	1.1	0.8	38.6	10.2	2.0	1.5	38.4	10.1	3.0	2.2	38.2	10.1	3.9	2.9	13.0	28.7
	450	46.5	12.3	0.5	0.3	43.7	11.5	1.2	0.9	43.2	11.4	2.3	1.7	43.0	11.4	3.4	2.5	42.8	11.3	4.4	3.2		
	500	51.5	13.6	0.5	0.4	48.6	12.8	1.4	1.0	47.9	12.7	2.5	1.9	47.7	12.6	3.7	2.7	47.5	12.5	4.9	3.6		
	550	57.0	15.0	0.6	0.4	53.6	14.2	1.5	1.1	53.0	14.0	2.8	2.1	52.8	13.9	4.1	3.0	52.6	13.9	5.4	4.0		
KAPPA 65	400	48.4	12.8	0.5	0.4	47.0	12.4	1.3	1.0	46.4	12.3	2.4	1.8	46.1	12.2	3.6	2.6	45.8	12.1	4.7	3.5	13.0	28.7
	450	54.4	14.4	0.5	0.4	53.0	14.0	1.5	1.1	52.4	13.8	2.8	2.0	52.1	13.8	4.1	3.0	51.8	13.7	5.3	3.9		
	500	60.3	15.9	0.6	0.4	58.8	15.5	1.7	1.2	58.3	15.4	3.1	2.3	58.0	15.3	4.5	3.3	57.7	15.2	5.9	4.3		
	550	67.0	18.0	0.7	0.5	64.8	17.1	1.9	1.4	64.2	17.0	3.4	2.5	63.9	16.9	5.0	3.7	63.6	16.8	6.5	4.8		

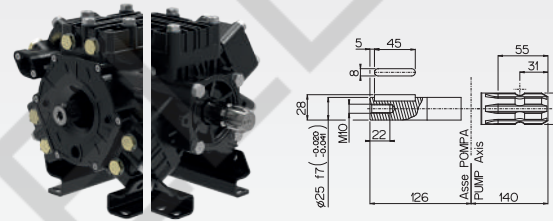


Versioni Versions

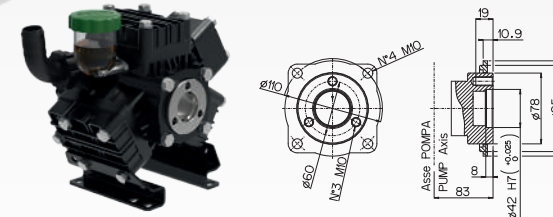
1C KAPPA 55 cod. 802700 - KAPPA 65 cod. 803700



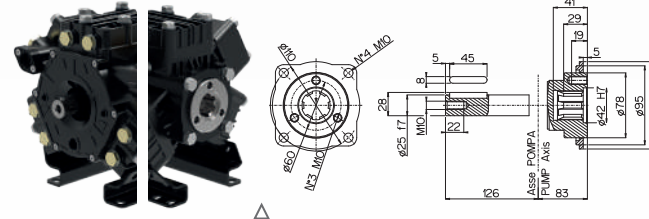
TS 1C KAPPA 55 cod. 804700 - KAPPA 65 cod. 805700



VA KAPPA 55 cod. 802600 - KAPPA 65 cod. 803600



TS FVA KAPPA 55 cod. 804600 - KAPPA 65 cod. 805600



Applicazioni Shaft adaptors

Riduttore per motore elettrico
Gear reduction for electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160
vedi pag 88 see page 88



S 164
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI
vedi pag 92 see page 92

Riduttore per motore elettrico
Gear reduction for electric motors



E 127 Δ
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160 Δ
vedi pag 88 see page 88



S 164 Δ
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI Δ
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

DL



DS



ZX



vedi pag. 81-82 see pages 81-82

DELTA 40

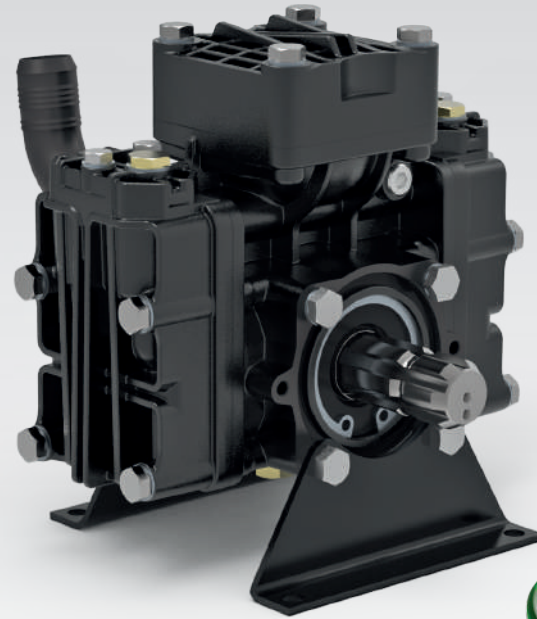
DELTA 50

DELTA 40 DELTA 50

Max.: 49 l/min - 13 GPM · 40 bar - 580 PSI · 550 RPM

Max.: 54 l/min - 15 GPM · 40 bar - 580 PSI · 550 RPM

1C DELTA 40 cod. 812200
DELTA 50 cod. 811700



Accessori Accessories



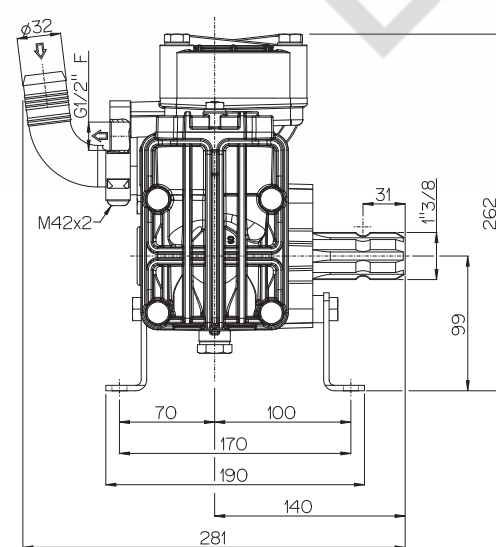
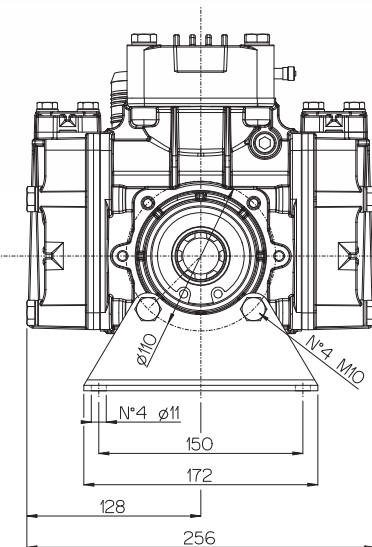
Versione comando a distanza
Remote control version
cod. 870407

Necessario per pompe senza gruppo regolazione montato
Necessary for pumps without control unit mounted on



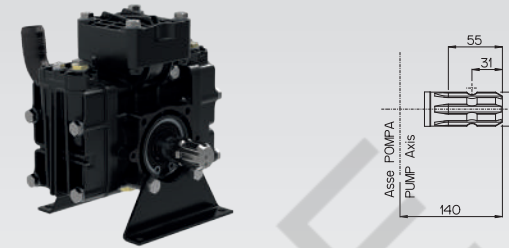
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				Peso Weight					
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power							
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
DELTA 40	400	37.8	10.0	0.4	0.3	26.8	7.1	0.8	0.6	26.3	6.9	1.4	1.0	25.9	6.8	2.0	1.5	25.6	6.8	2.6	1.9					11.0	24.3
	450	41.2	10.9	0.4	0.3	30.2	8.0	0.9	0.6	29.7	7.8	1.6	1.1	29.3	7.7	2.3	1.7	29.0	7.7	3.0	2.2						
	500	44.7	11.8	0.4	0.3	33.6	8.9	1.0	0.7	33.1	8.7	1.7	1.3	32.7	8.6	2.5	1.9	32.4	8.6	3.3	2.4						
	550	49.0	13.0	0.5	0.4	36.9	9.7	1.1	0.8	36.4	9.6	1.9	1.4	36.0	9.5	2.8	2.1	35.7	9.4	3.7	2.7						
DELTA 50	400	41.6	11.0	0.4	0.3	31.7	8.4	0.9	0.7	31.1	8.2	1.6	1.2	30.6	8.1	2.4	1.8	30.2	8.0	3.1	2.3					11.0	24.3
	450	46.1	12.2	0.5	0.3	36.2	9.6	1.0	0.8	35.6	9.4	1.9	1.4	35.1	9.3	2.7	2.0	34.7	9.2	3.6	2.6						
	500	50.0	13.2	0.5	0.4	40.1	10.6	1.1	0.8	39.5	10.4	2.1	1.5	39.0	10.3	3.0	2.2	38.6	10.2	4.0	2.9						
	550	54.0	15.0	0.5	0.4	43.4	11.5	1.2	0.9	42.8	11.3	2.3	1.7	42.3	11.2	3.3	2.4	42.0	11.1	4.3	3.2						

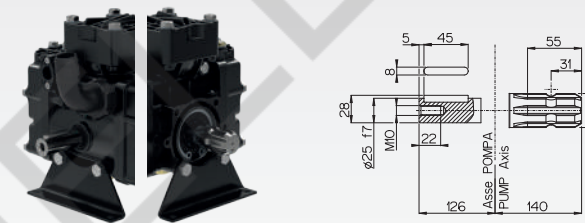


Versioni Versions

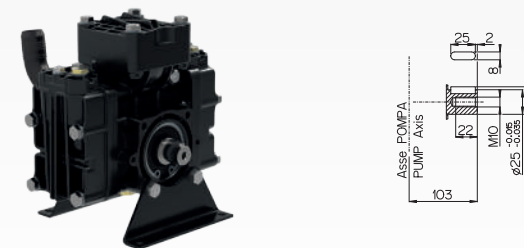
1C DELTA 40 cod. 812200 - DELTA 50 cod. 811700



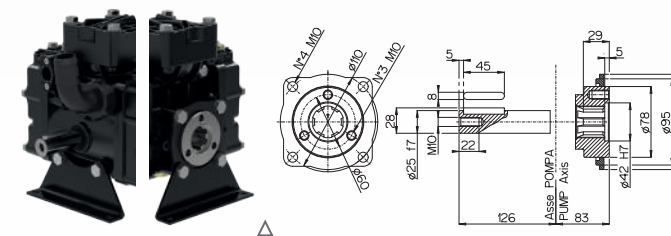
TS 1C DELTA 40 cod. 812300 - DELTA 50 cod. 811800



GR DELTA 40 cod. 812400 - DELTA 50 cod. 811900



TS FVA DELTA 40 cod. 812500 - DELTA 50 cod. 812000



Applicazioni Shaft adaptors

Riduttore per motore elettrico
Gear reduction for electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI
vedi pag 92 see page 92

Riduttore per motore elettrico
Gear reduction for electric motors



E 127 Δ
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160 Δ
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI Δ
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

DL



DS



ZX



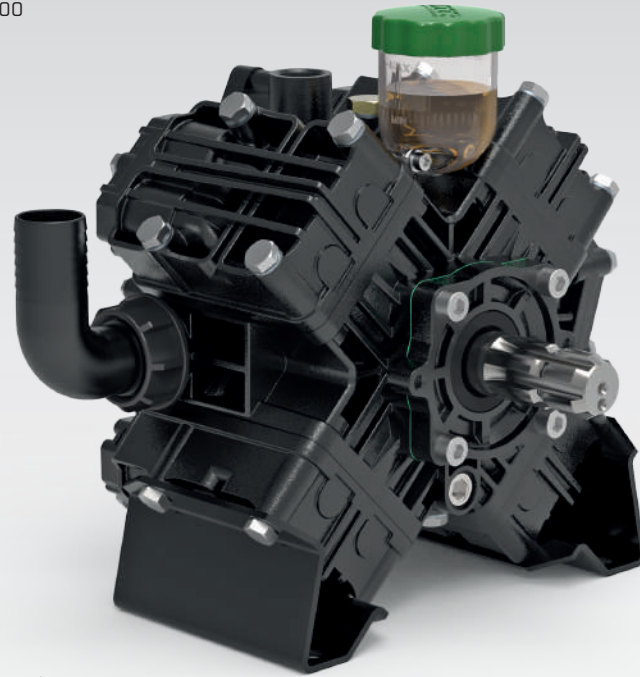
vedi pag. 81-82 see pages 81-82

DELTA 100

DELTA 100

Max.: 104 l/min - 28 GPM · 40 bar - 580 PSI · 550 RPM

1C DELTA 100 cod. 806900



Accessori Accessories



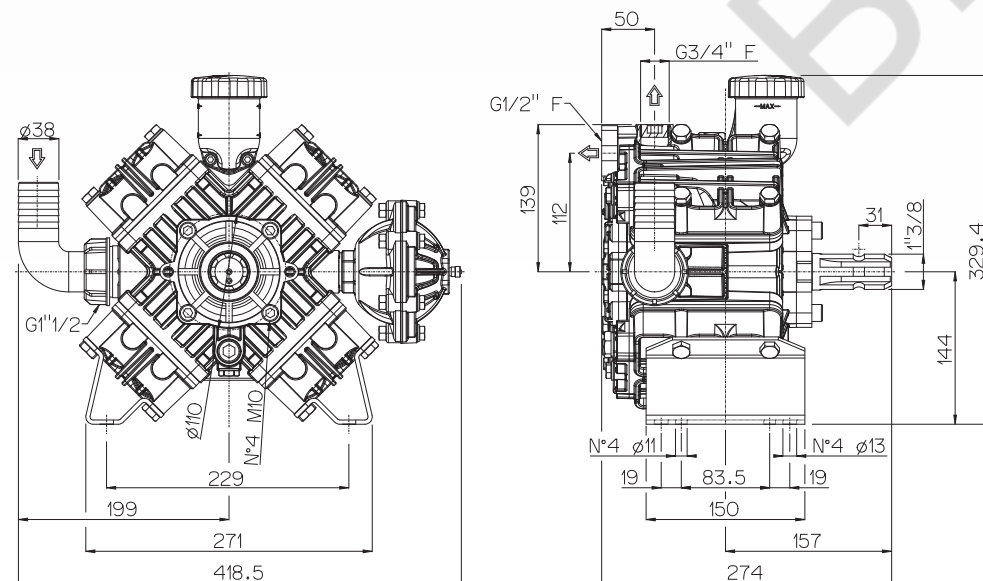
Versione comando a distanza
Remote control version
cod. 870407

Necessario per pompe senza gruppo regolazione montato
Necessary for pumps without control unit mounted on



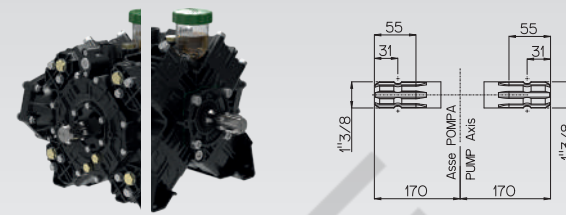
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW		
DELTA 100	400	80.3	21.2	0.8	0.6	75.7	20.0	2.2	1.6	74.8	19.8	3.9	2.9	73.9	19.5	5.8	4.2	73.0	19.3	7.5	5.5	22.0	48.5
	450	90.2	23.8	0.9	0.7	85.2	22.5	2.4	1.8	84.8	22.4	4.5	3.3	84.0	22.2	6.5	4.8	83.2	22.0	8.5	6.3		
	500	99.1	26.2	1.0	0.7	94.5	25.0	2.7	2.0	93.7	24.8	4.9	3.6	92.9	24.5	7.2	5.3	92.1	24.3	9.4	6.9		
	550	104.0	28.0	1.0	0.8	101.0	26.7	2.9	2.1	100.4	26.5	5.3	3.9	99.7	26.3	7.8	5.7	99.0	26.2	10.2	7.5		

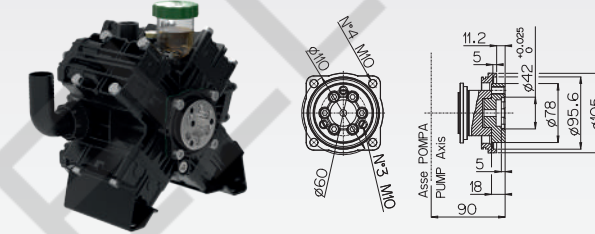


Versioni Versions

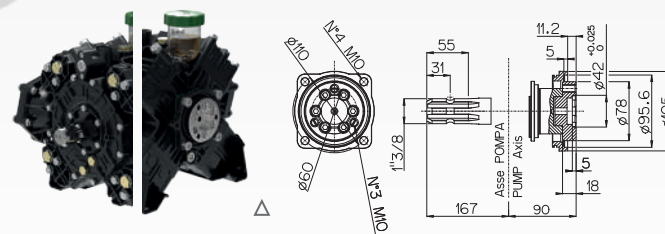
TS 2C DELTA 100 cod. 806800



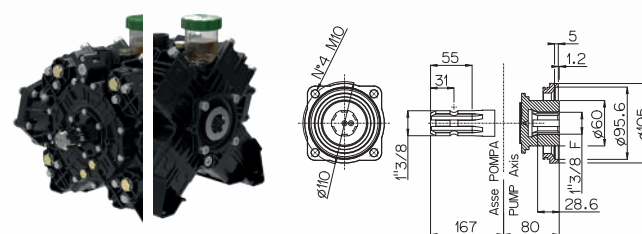
VA DELTA 100 cod. 807000



TS VA DELTA 100 cod. 806500



TS MF DELTA 100 cod. 806400



Applicazioni Shaft adaptors

Riduttore per motore elettrico
Gear reduction for electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160
vedi pag 88 see page 88



S 164

Applicazioni motori idraulici
Hydraulic motor connections



MI
vedi pag 92 see page 92

Riduttore per motore elettrico
Gear reduction for electric motors



E 127Δ
vedi pag 90 see page 90

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160Δ
vedi pag 88 see page 88



S 164Δ

Applicazioni motori idraulici
Hydraulic motor connections



MIΔ
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

DL



DS



ZX



VRG 155



UHP



vedi pag. 81-83 see pages 81-83

DELTA 125

DELTA 125

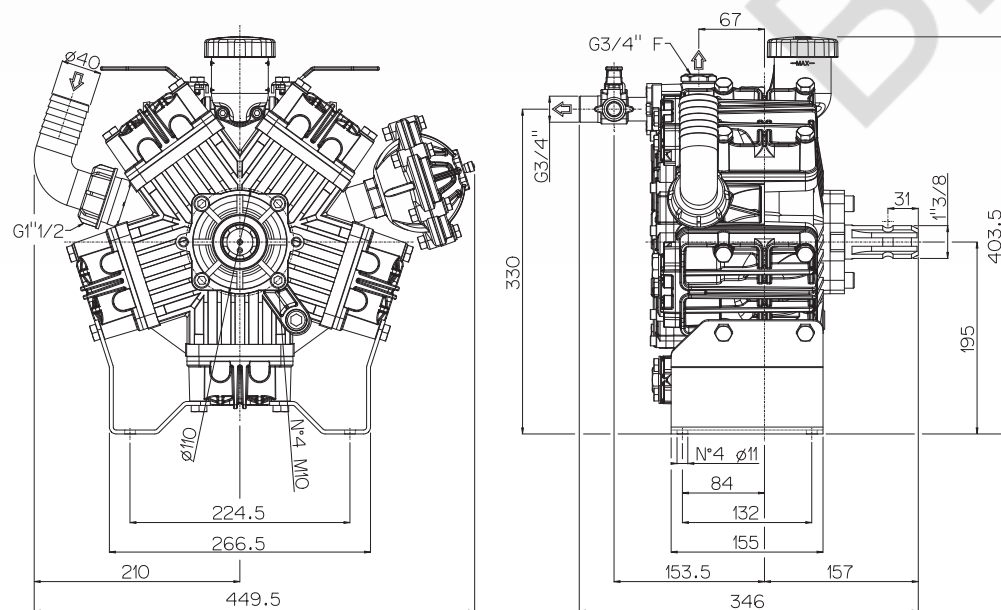
Max.: 126 l/min - 34 GPM · 40 bar - 580 PSI · 550 RPM

1C DELTA 125 cod. 808300



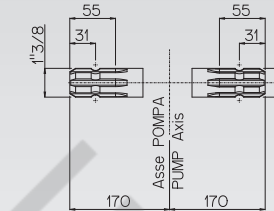
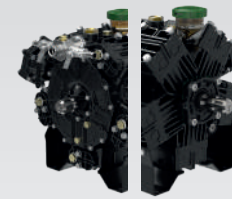
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
DELTA 125	400	95.6	25.3	1.0	0.5	92.0	18.3	2.6	1.9	91.2	24.1	4.8	3.5	90.4	23.9	7.0	5.2	89.7	23.7	9.2	6.8	29.0	63.9
	450	107.2	28.3	1.1	0.6	103.5	20.5	3.0	2.2	102.5	27.1	5.4	4.0	101.5	26.8	7.9	5.8	100.7	26.6	10.3	7.6		
	500	117.6	31.1	1.2	0.7	113.8	22.7	3.3	2.4	112.7	29.8	5.9	4.4	111.7	29.5	8.7	6.4	110.9	29.3	11.4	8.4		
	550	126.0	34.0	1.3	0.7	121.3	24.5	3.5	2.5	120.2	31.8	6.3	4.6	119.2	31.5	9.3	6.8	118.4	31.3	12.1	8.9		

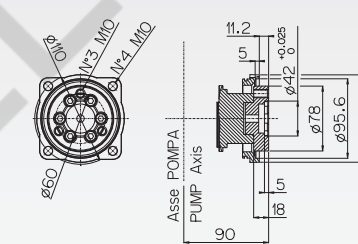


Versioni Versions

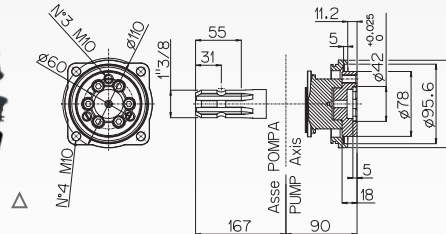
TS 2C DELTA 125 cod. 808200



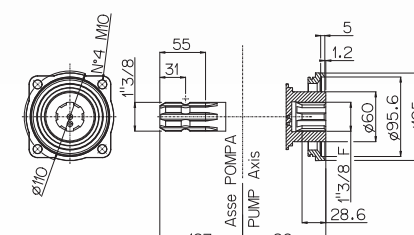
VA DELTA 125 cod. 808400



TS VA DELTA 125 cod. 808500



TS MF DELTA 125 cod. 808000



Applicazioni Shaft adaptors

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 164
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI
vedi pag 92 see page 92

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 164 Δ
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI Δ
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

vedi pag. 82-83 see pages 82-83

ZX



VRG 155



UHP



DELTA 140

DELTA 140

Max.: 138 l/min - 36.4 GPM · 50 bar - 725 PSI · 550 RPM

TS 2C DELTA 140 cod. 821300



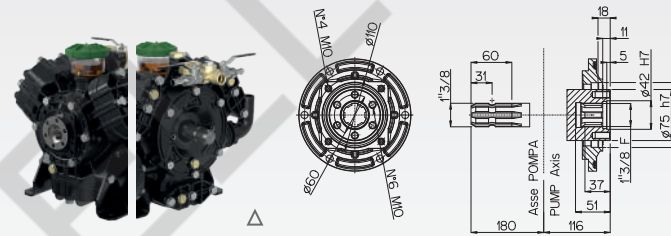
Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090361

Versioni Versions

TS 2C DELTA 140 cod. 821300



TS MFVA DELTA 140 cod. 821400



Applicazioni Shaft adaptors

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



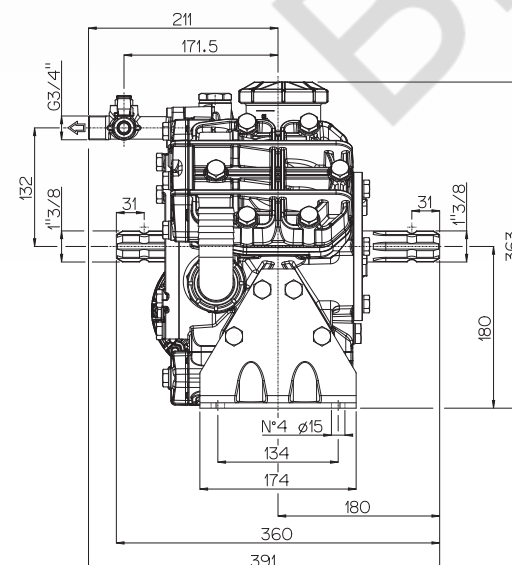
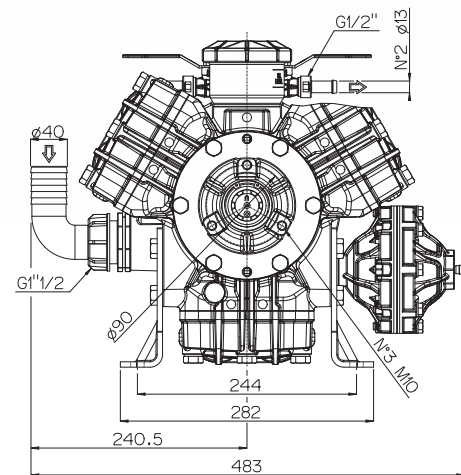
M 162 Δ
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
DELTA 140	400	102.4	27.1	1.0	0.7	99.1	26.2	5.2	3.9	98.0	25.9	7.6	5.6	96.9	25.6	10.0	7.3	95.9	25.3	12.4	9.1	36.0	79.3
	450	114.3	30.2	1.1	0.8	110.7	29.2	5.8	4.3	109.6	28.9	8.5	6.3	108.4	28.7	11.1	8.2	107.4	28.4	13.8	10.1		
	500	127.6	33.7	1.2	0.9	121.9	32.2	6.2	4.6	120.8	31.9	9.2	6.9	119.7	31.6	12.0	8.9	118.7	31.4	14.9	11.0		
	550	137.8	36.4	1.4	1.0	133.0	35.1	6.7	5.0	131.9	34.8	9.8	7.3	130.8	34.6	12.9	9.5	129.8	34.3	16.0	11.7		



Gruppi regolazione pressione Pressure control units

vedi pag. 82-83 see pages 82-83

ZX



VRG 155



UHP



OMEGA 135

OMEGA 135

Max.: 137 l/min - 37 GPM · 40 bar - 580 PSI · 550 RPM

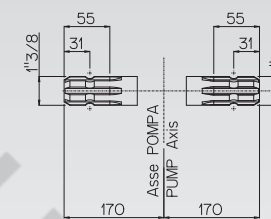
TS 2C OMEGA 135 cod. 846600



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090361

Versioni Versions

TS 2C OMEGA 135 cod. 846600



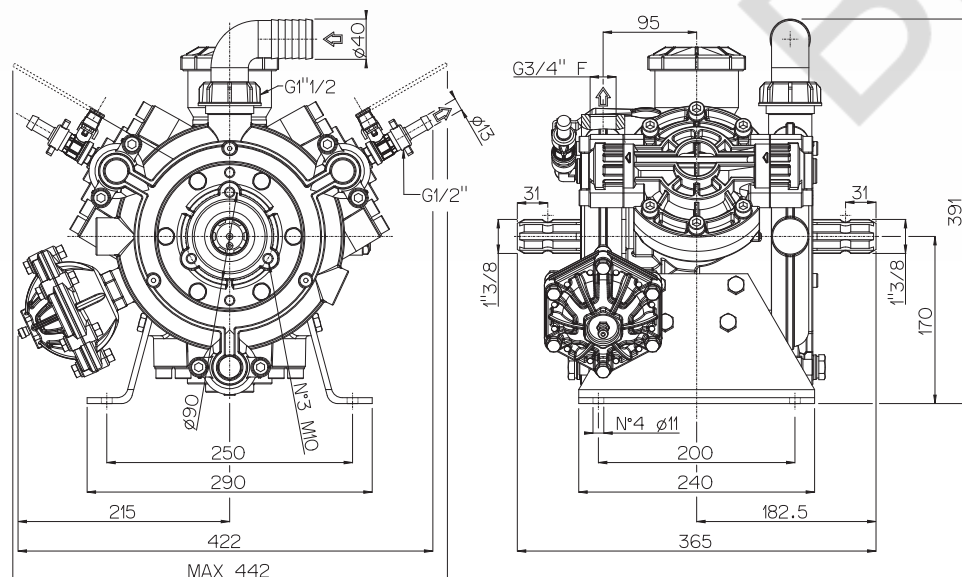
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
OMEGA 135	400	101.8	26.9	1.0	0.7	99.6	26.3	2.8	2.1	98.5	26.0	5.2	3.8	97.4	25.7	7.6	5.6	96.3	25.4	9.9	7.3	27.0	59.5
	450	113.6	30.0	1.1	0.8	111.1	29.4	3.2	2.3	110.0	29.1	5.8	4.3	108.9	28.8	8.5	6.2	107.8	28.5	11.1	8.1		
	500	126.8	33.5	1.3	0.9	122.3	32.3	3.5	2.6	121.2	32.0	6.4	4.7	120.1	31.7	9.4	6.9	119.0	31.4	12.2	9.0		
	550	137.0	37.0	1.4	1.0	133.3	35.6	3.8	2.8	132.2	34.9	7.0	5.1	131.1	34.6	10.2	7.5	130.0	34.3	13.3	9.8		



Gruppi regolazione pressione Pressure control units

vedi pag. 82-83 see pages 82-83

ZX

VRG 155

UHP



OMEGA 170

OMEGA 170

Max.: 177 l/min - 47 GPM · 50 bar - 725 PSI · 550 RPM

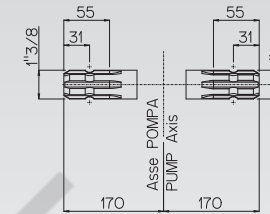
TS 2C OMEGA 170 cod. 844900



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090362

Versioni Versions

TS 2C OMEGA 170 cod. 844900



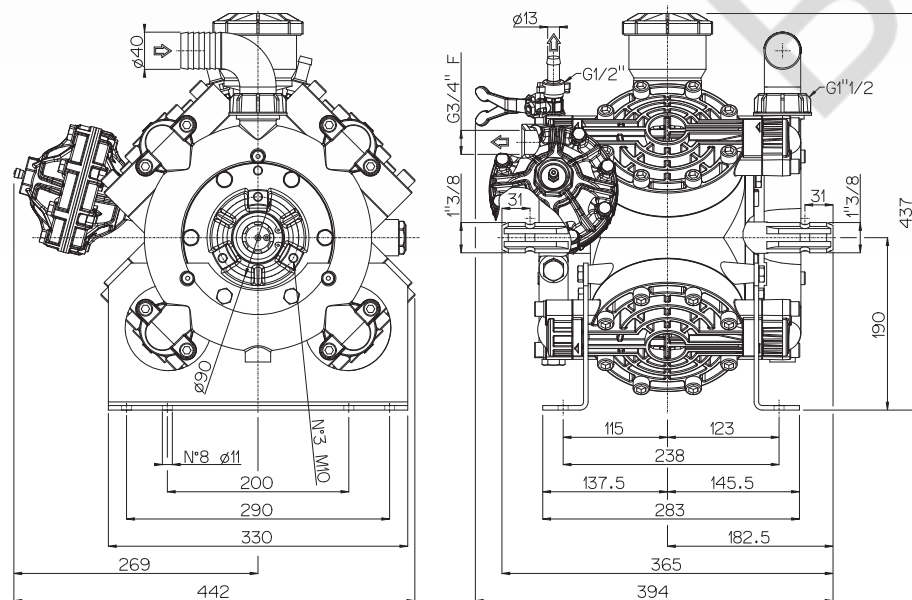
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Shaft adaptors for
hydraulic motor



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI		20 bar / 290 PSI		30 bar / 435 PSI		40 bar / 580 PSI		50 bar / 725 PSI		Peso Weight											
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate				Potenza Power									
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM			HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW
OMEGA 170	400	134.3	35.5	1.3	1.0	130.7	34.5	6.9	5.1	130.3	34.3	10.1	7.4	129.3	34.2	13.3	9.7	128.6	34.0	16.5	12.1	46.0	101.4
	450	150.5	39.8	1.5	1.1	146.2	38.6	7.7	5.7	145.3	38.4	11.3	8.3	144.4	38.2	14.8	10.9	143.5	37.9	18.4	13.5		
	500	164.8	43.5	1.6	1.2	158.5	41.9	8.3	6.1	157.4	41.6	12.3	9.0	156.3	41.3	16.0	11.8	155.2	41.0	19.9	14.6		
	550	177.0	47.0	1.8	1.3	169.9	44.9	8.9	6.6	168.6	44.5	13.1	9.7	167.3	44.2	17.2	12.6	166.0	43.9	21.3	15.6		



Gruppi regolazione pressione Pressure control units

vedi pag. 82-83 see pages 82-83

VRG 255

UHP

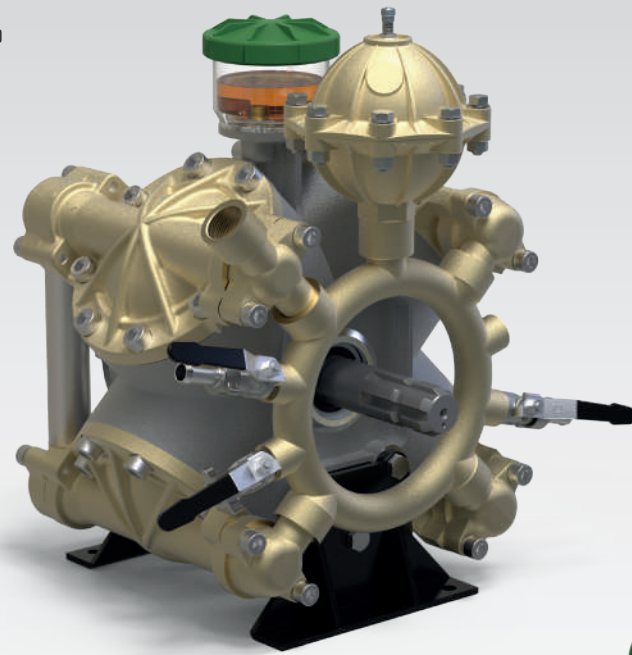


BETA 170

BETA 170

Max.: 170 l/min - 45 GPM · 50 bar - 725 PSI · 550 RPM

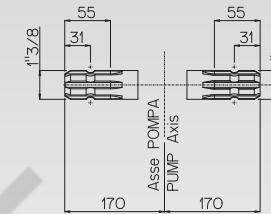
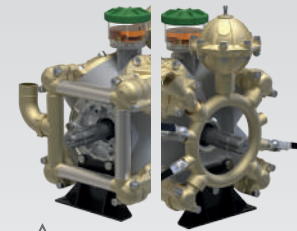
TS 2C BETA 170 cod. 822200



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090362

Versioni Versions

TS 2C BETA 170 cod. 822200



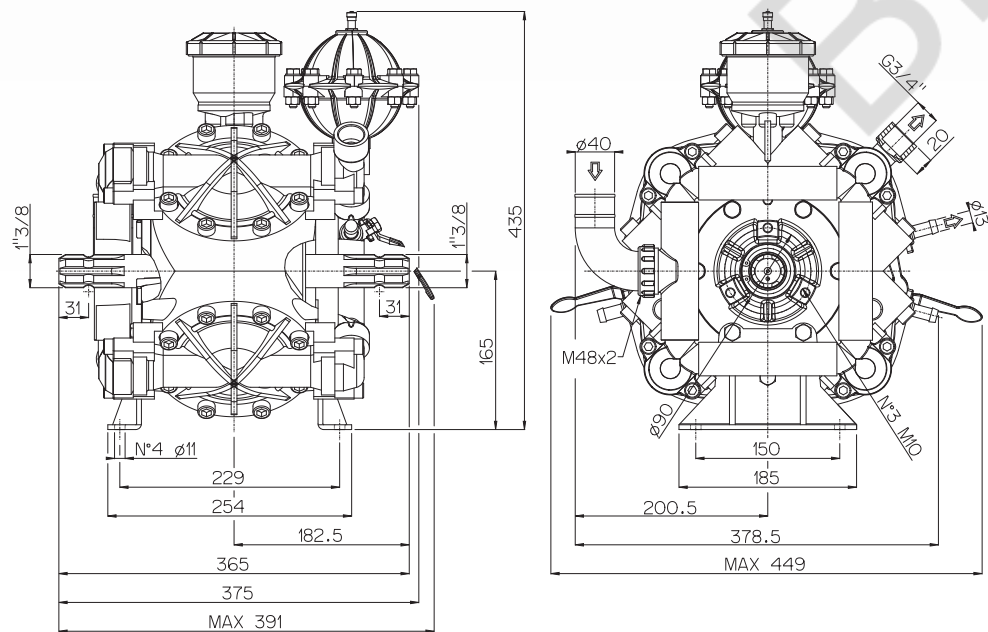
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Shaft adaptors for hydraulic
motor



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
BETA 170	400	127.5	33.7	1.3	0.9	123.9	32.7	6.5	4.8	123.0	32.5	9.6	7.0	122.1	32.3	12.5	9.2	121.2	32.0	15.5	11.4	52.0	114.6
	450	143.2	37.8	1.4	1.1	139.2	36.8	7.3	5.4	138.2	36.5	10.8	7.9	137.2	36.2	14.1	10.3	136.2	36.0	17.5	12.8		
	500	157.5	41.6	1.6	1.2	151.8	40.1	8.0	5.9	150.6	39.8	11.7	8.6	149.4	39.5	15.3	11.3	148.2	39.2	19.0	14.0		
	550	170.0	45.0	1.7	1.2	162.7	43.0	8.6	6.3	161.3	42.6	12.6	9.2	159.9	42.2	16.4	12.1	158.5	41.9	20.3	14.9		



Gruppi regolazione pressione Pressure control units

VRG 255

UHP



vedi pag. 82-83 see pages 82-83

BETA 200

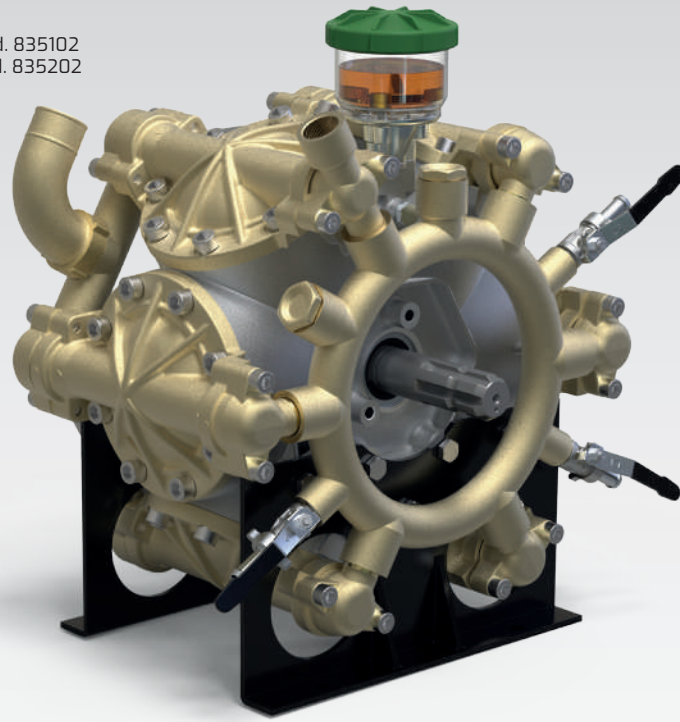
BETA 240

BETA 200 BETA 240

Max.: 218 l/min - 58 GPM · 50 bar - 725 PSI · 550 RPM

Max.: 243 l/min - 65 GPM · 50 bar - 725 PSI · 550 RPM

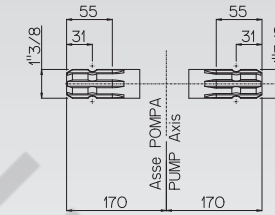
TS 2C BETA 200 cod. 835102
BETA 240 cod. 835202



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090362

Versioni Versions

TS 2C BETA 200 cod. 835102 - BETA 240 cod. 835202



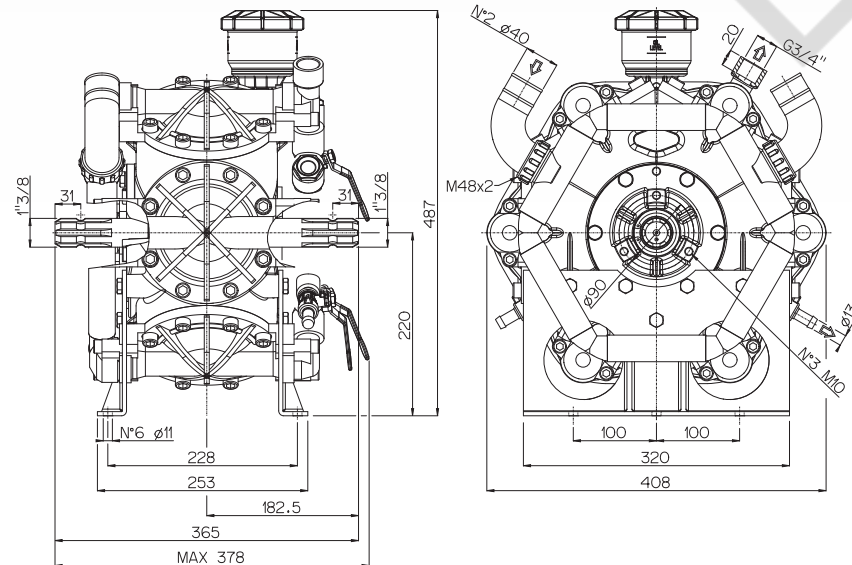
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Shaft adaptors for hydraulic
motor



MI Δ
vedi pag 92 see page 92

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
BETA 200	400	162.7	43.0	1.6	1.2	155.6	41.1	8.2	6.0	153.8	40.6	12.0	8.8	152.0	40.2	15.6	11.5	150.2	39.7	19.3	14.2	72.0	158.7
	450	182.0	48.1	1.8	1.3	174.9	46.2	9.2	6.8	173.0	45.7	13.5	9.9	171.1	45.2	17.5	12.9	169.2	44.7	21.7	15.9		
	500	200.5	53.0	2.0	1.5	193.4	51.1	10.2	7.5	191.4	50.6	14.9	11.0	189.4	50.0	19.4	14.3	187.4	49.5	24.0	17.7		
	550	218.0	58.0	2.2	1.6	210.9	55.7	11.1	8.2	208.8	55.2	16.3	12.0	206.7	54.6	21.2	15.6	204.6	54.1	26.2	19.3		
BETA 240	400	189.2	50.0	1.9	1.4	183.2	48.4	9.6	7.1	181.6	48.0	14.2	10.4	180.0	47.6	18.5	13.6	178.4	47.1	22.9	16.8	72.0	158.7
	450	211.3	55.8	2.1	1.6	205.3	54.2	10.8	7.9	203.7	53.8	15.9	11.7	202.1	53.4	20.7	15.2	200.5	53.0	25.7	18.9		
	500	230.1	60.8	2.3	1.7	224.1	59.2	11.8	8.7	222.5	58.8	17.3	12.7	220.9	58.4	22.7	16.7	219.3	57.9	28.1	20.7		
	550	243.0	65.0	2.4	1.8	237.0	62.9	12.5	9.2	235.4	62.2	18.3	13.5	233.8	61.8	24.0	17.6	232.2	61.3	29.8	21.9		



Gruppi regolazione pressione Pressure control units

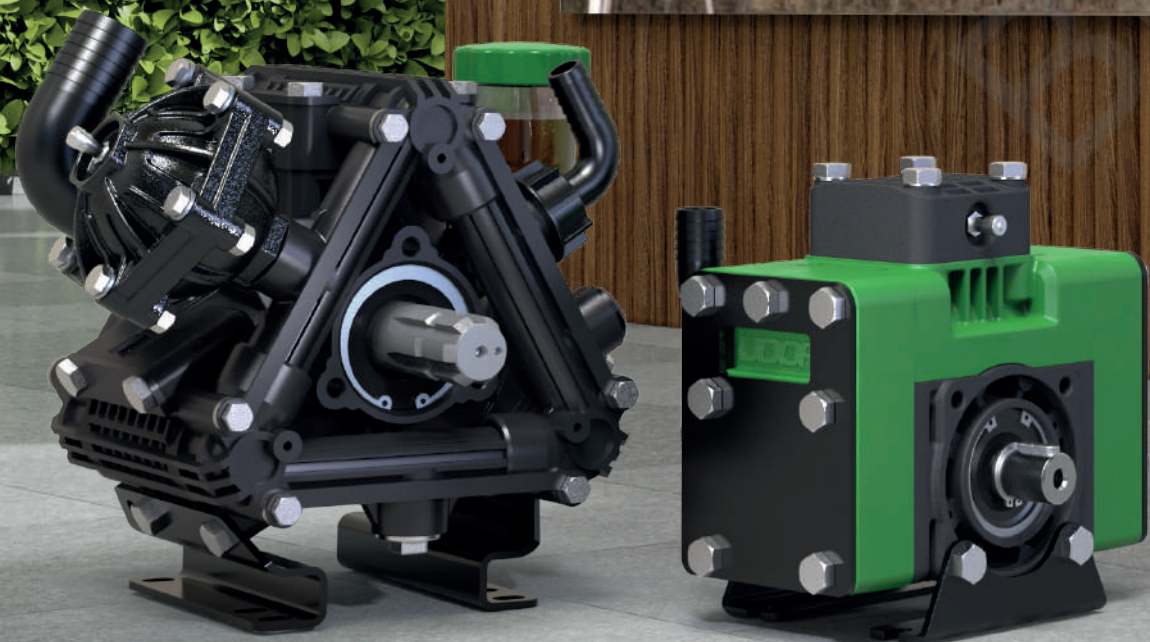
VRG 255



vedi pag. 83 see page 83

POMPE PER APPLICAZIONI SPECIALI

PUMPS FOR SPECIAL APPLICATIONS



Mix di materiali adatti ad ambienti altamente aggressivi
Mix of materials suitable for highly aggressive environments

Testate in Polipropilene rinforzato / Poliestere
Reinforced Polypropylene / Polyester heads

Valvole in acciaio inox AISI 316
Stainless steel AISI 316 valves

Membrane in GREENTECH / Viton®
GREENTECH / Viton® diaphragms

KAPPA-P 30

KAPPA-P 40

KAPPA-P 30 KAPPA-P 40

Max.: 35.0 l/min - 9.2 GPM · 20 bar - 290 PSI · 700 RPM

Max.: 43.0 l/min - 11.4 GPM · 20 bar - 290 PSI · 700 RPM

GR

KAPPA-P 30 cod. 822700
KAPPA-P 40 cod. 822800



Testate in polipropilene rinforzato.
Polypropylene reinforced heads.

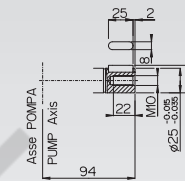


Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090315

Versioni Versions

GR

KAPPA-P 30 cod. 822700 - KAPPA-P 40 cod. 822800



Applicazioni Shaft adaptors

Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 160
vedi pag 88 see page 88

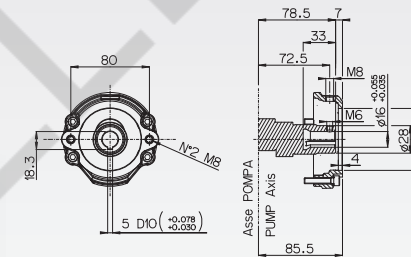
Applicazioni motori idraulici
Hydraulic motor connections



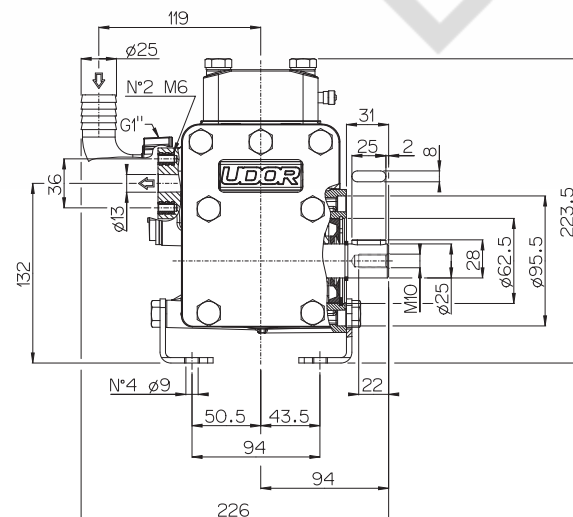
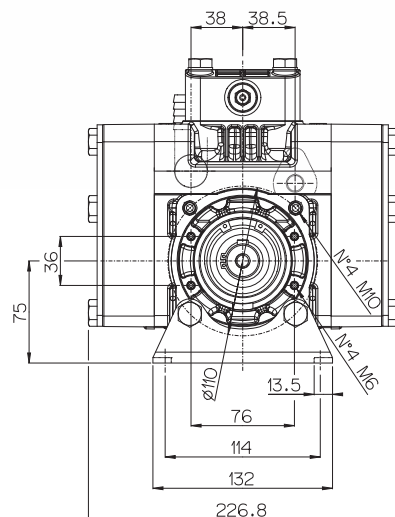
S 151
vedi pag 86 see page 86

MI-16

KAPPA-P 30 cod. 822900 - KAPPA-P 40 cod. 823000



MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
KAPPA-P 30	550	30.0	7.9	0.3	0.2	25.2	6.7	0.5	0.4	24.3	6.4	0.7	0.5	23.8	6.3	1.0	0.7	23.3	6.2	1.2	0.9	8.5	18.7
	600	32.0	8.5	0.3	0.2	27.5	7.3	0.5	0.4	26.6	7.0	0.8	0.6	26.1	6.9	1.0	0.7	25.5	6.7	1.3	1.0		
	650	33.6	8.9	0.3	0.3	29.3	7.7	0.6	0.4	28.6	7.6	0.8	0.6	27.9	7.4	1.1	0.8	27.3	7.2	1.4	1.0		
	700	35.0	9.2	0.4	0.3	31.0	8.2	0.6	0.4	30.4	8.0	0.9	0.7	29.7	7.8	1.2	0.9	29.0	7.7	1.5	1.1		
KAPPA-P 40	550	36.0	9.5	0.4	0.3	29.6	7.8	0.6	0.4	29.0	7.7	0.8	0.6	28.6	7.6	1.1	0.8	28.3	7.5	1.5	1.1	8.5	18.7
	600	38.8	10.3	0.4	0.3	32.2	8.5	0.6	0.4	31.7	8.4	0.9	0.7	31.3	8.3	1.3	1.0	31.0	8.2	1.6	1.2		
	650	41.3	10.9	0.4	0.3	34.5	9.1	0.7	0.5	34.0	9.0	1.0	0.7	33.5	8.9	1.3	1.0	33.2	8.8	1.7	1.3		
	700	43.0	11.4	0.4	0.3	36.1	9.5	0.7	0.5	35.5	9.4	1.0	0.7	35.0	9.2	1.4	1.0	34.7	9.2	1.8	1.3		



Gruppi regolazione pressione Pressure control units

DL



DS



ZX



vedi pag. 81-82 see pages 81-82

ZETA-P 40

ZETA-P 85

ZETA-P 40 ZETA-P 85

Max.: 44 l/min - 12 GPM · 20 bar - 290 PSI · 550 RPM

Max.: 85 l/min - 23 GPM · 20 bar - 290 PSI · 550 RPM

1C

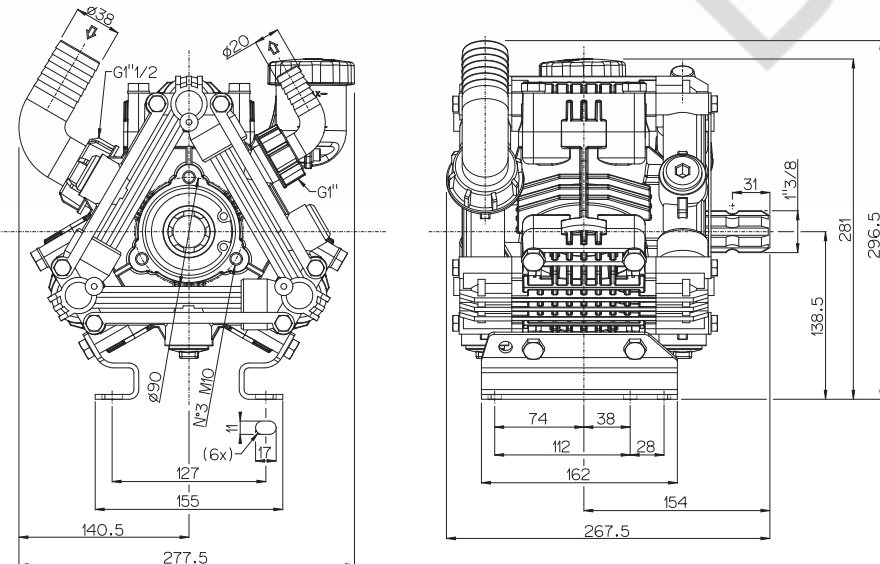
ZETA-P 40 cod. 829800
ZETA-P 85 cod. 829400



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

Testate a base di resina poliesteri.
Polyester resin-based heads.

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight	
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power			
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg	lb
ZETA-P 40	400	33.0	8.7	0.3	0.2	30.0	7.9	0.6	0.4	29.3	7.7	0.8	0.6	28.8	7.6	1.2	0.8	28.5	7.5	1.5	1.1	12.0	26.5
	450	36.5	9.6	0.4	0.3	33.5	8.9	0.7	0.5	32.8	8.7	0.9	0.7	32.3	8.5	1.3	0.9	32.0	8.5	1.7	1.2		
	500	40.2	10.6	0.4	0.3	37.2	9.8	0.7	0.5	36.5	9.6	1.0	0.8	36.0	9.5	1.4	1.1	35.7	9.4	1.9	1.4		
	550	44.0	12.0	0.4	0.3	41.0	10.8	0.8	0.6	40.3	10.6	1.2	0.8	39.8	10.5	1.6	1.2	39.5	10.4	2.1	1.5		
ZETA-P 85	400	62.2	16.4	0.6	0.5	58.6	15.5	1.2	0.9	58.2	15.4	1.7	1.2	57.5	15.2	2.3	1.7	57.3	15.1	3.0	2.2	12.0	26.5
	450	69.7	18.4	0.7	0.5	65.9	17.4	1.3	1.0	65.5	17.3	1.9	1.4	64.9	17.1	2.6	1.9	64.6	17.1	3.4	2.5		
	500	77.2	20.4	0.8	0.6	73.2	19.3	1.5	1.1	72.7	19.2	2.1	1.5	72.2	19.1	2.9	2.1	71.8	19.0	3.8	2.8		
	550	84.6	23.0	0.8	0.6	80.4	21.2	1.6	1.2	79.9	21.1	2.3	1.7	79.4	21.0	3.2	2.3	79.0	20.9	4.2	3.1		



Versioni Versions

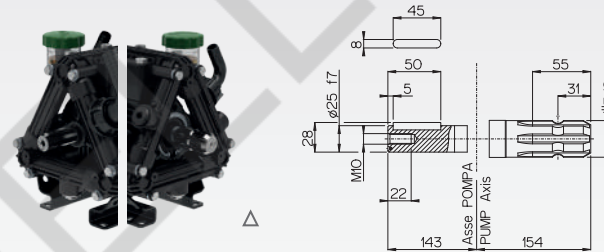
1C

ZETA-P 40 cod. 829800 - ZETA-P 85 cod. 829400



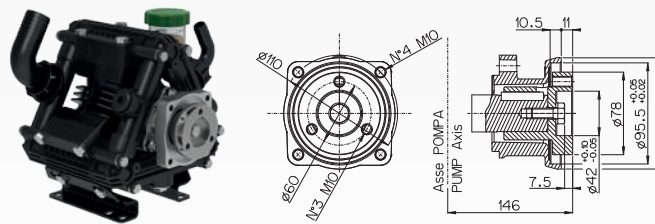
TS 1C

ZETA-P 85 cod. 829500



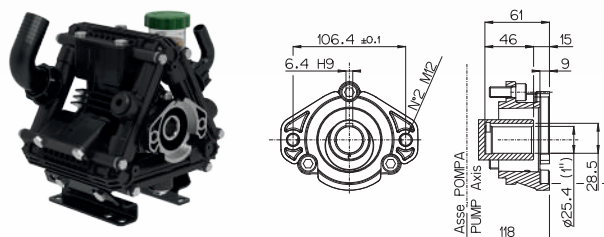
VA

ZETA-P 40 cod. 830100 - ZETA-P 85 cod. 829600



MI-1"

ZETA-P 40 cod. 519000 - ZETA-P 85 cod. 829900



Applicazioni Shaft adaptors

Applicazioni motori
idraulici
*Hydraulic motor
connections*



MI
vedi pag 92 see page 92

Applicazioni motori
idraulici
*Hydraulic motor
connections*



MI Δ
vedi pag 92 see page 92

Riduttore per motore
elettrico
*Gear reduction for
electric motors*



E 127
vedi pag 90 see page 90

Riduttore per motore a
scoppio
*Gear reduction for
gasoline/diesel engine*



S 160
vedi pag 88 see page 88

Applicazioni motori
idraulici
*Hydraulic motor
connections*



MI
vedi pag 92 see page 92

Gruppi regolazione pressione *Pressure control units*

vedi pag. 79-82 see pages 79-82

DL



DS



SB



CB



VCB



ZX



ZETA-P 100

ZETA-P 100

Max.: 98 l/min - 26 GPM · 20 bar - 290 PSI · 550 RPM

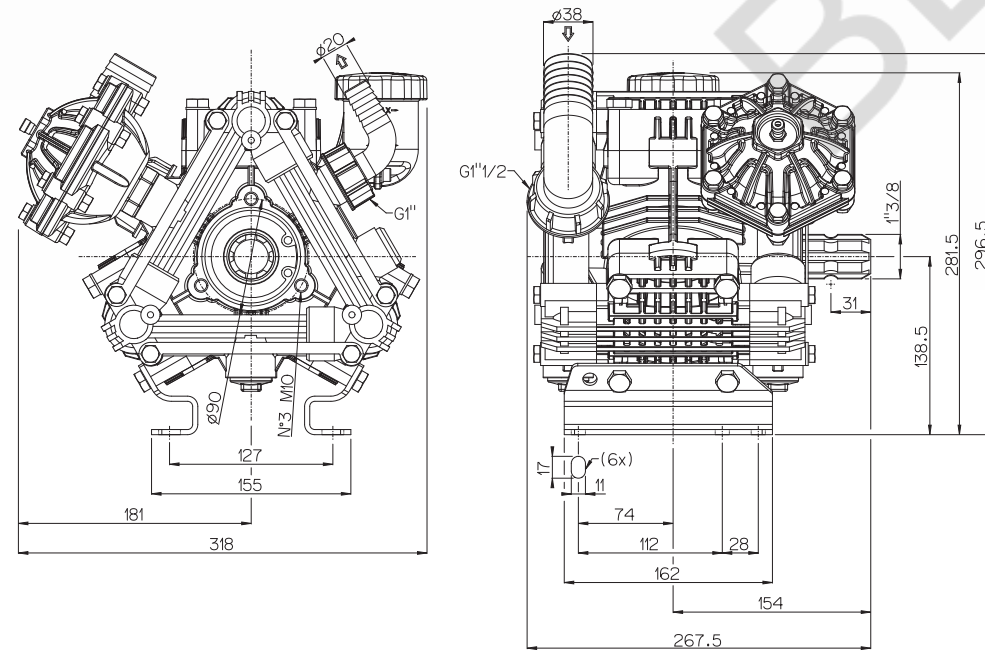
1C ZETA-P 100 cod. 828200



Membrane **GREENTECH** di serie
GREENTECH diaphragm as standard
cod. 090320

Testate a base di resina poliestere.
Polyester resin-based heads.

MOD.	RPM	0 bar / 0 PSI		5 bar / 72 PSI		10 bar / 145 PSI		15 bar / 217 PSI		20 bar / 290 PSI		Peso											
		Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Portata Flow rate	Potenza Power	Kg	lb								
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW		
ZETA-P 100	400	72.8	19.2	0.7	0.5	69.2	18.3	1.4	1.0	68.8	18.2	2.0	1.4	68.4	18.1	2.7	2.0	68.2	18.0	3.6	2.6	13.0	28.7
	450	81.6	21.6	0.8	0.6	77.6	20.5	1.6	1.1	77.2	20.4	2.2	1.6	75.5	19.9	3.0	2.2	76.4	20.2	4.0	3.0		
	500	90.4	23.9	0.9	0.7	86.0	22.7	1.7	1.3	85.6	22.6	2.4	1.8	82.5	21.8	3.3	2.4	84.6	22.4	4.5	3.3		
	550	98.0	26.0	1.0	0.7	92.7	24.5	1.9	1.4	92.2	24.4	2.6	1.9	91.7	24.2	3.7	2.7	91.3	24.1	4.8	3.5		



Versioni Versions

1C ZETA-P 100 cod. 828200



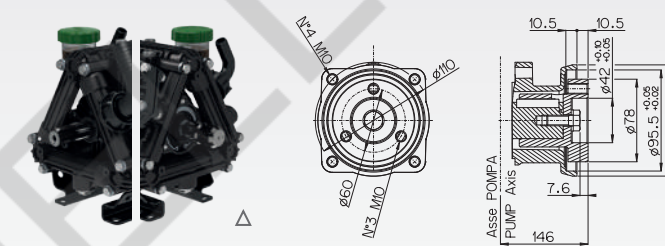
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
vedi pag 92 see page 92

TS 1C ZETA-P 100 cod. 828300

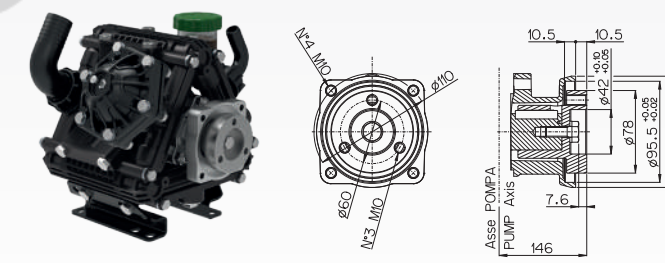


Applicazioni motori
idraulici
Hydraulic motor
connections



MI Δ
vedi pag 92 see page 92

VA ZETA-P 100 cod. 828400



Riduttore per motore
elettrico
Gear reduction for
electric motors



E 127
vedi pag 90 see page 90

Riduttore per motore a
scoppio
Gear reduction for
gasoline/diesel engine



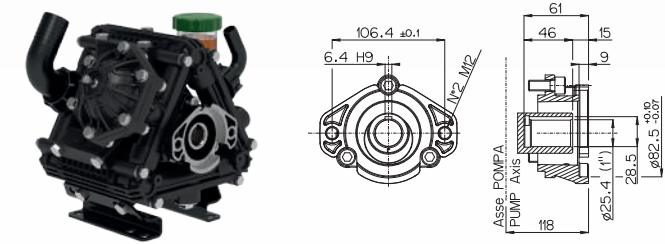
S 160
vedi pag 88 see page 88

Applicazioni motori
idraulici
Hydraulic motor
connections



MI
vedi pag 92 see page 92

MI-1" ZETA-P 100 cod. 210002



Gruppi regolazione pressione Pressure control units

vedi pag. 79-82 see pages 79-82



GAMMA 62

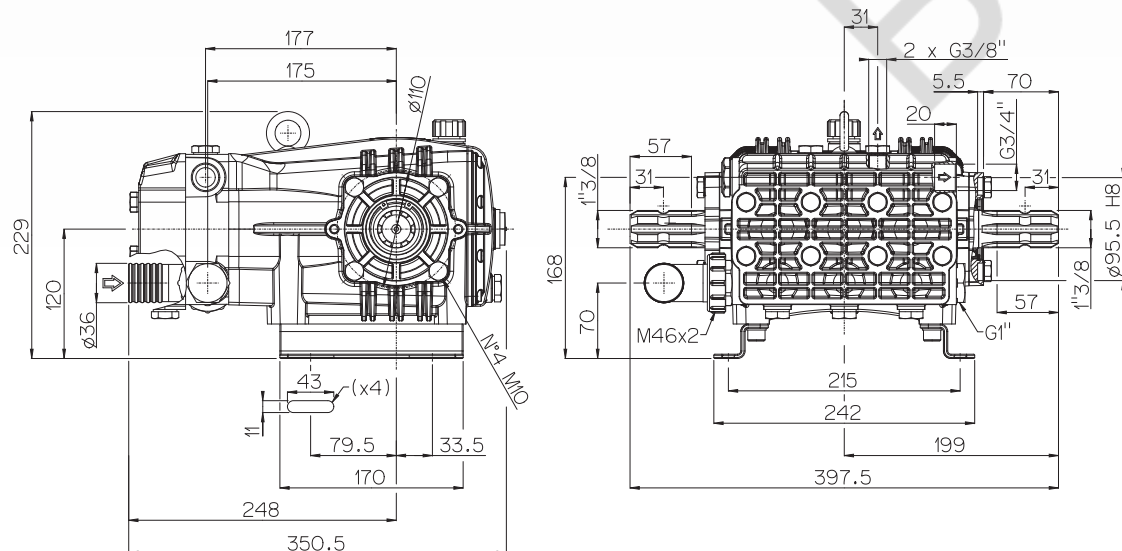
GAMMA 62

Max.: 68 l/min - 17.9 GPM · 50 bar - 725 PSI · 600 RPM

TS 2C GAMMA 62 cod. 837600

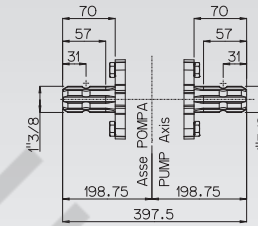
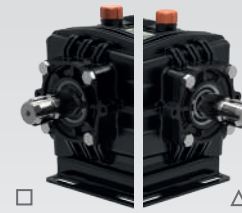


MOD.	RPM	Codice Code	Modello Model	Portata Flow				Pressione Pressure		Potenza Power		Peso Weight		Presa di Forza Shaft Type	
				NOM.				bar	PSI	HP	kW	Kg	lb		
				L/min	GPM	L/min	GPM								
GAMMA 62	600	837600	GAMMA 62 TS 2C	67.9	17.9	67.0	17.7	50	725	8.6	6.4	22.2	48.9	TS 2C	1" 3/8 scanalato/splined 1" 3/8 scanalato/splined
		837700	GAMMA 62 TS 1C	67.9	17.9	67.0	17.7	50	725	8.6	6.4	22.2	48.9	TS 1C	35 mm 1" 3/8 scanalato/splined
		837800	GAMMA 62 TS GR	67.9	17.9	67.0	17.7	50	725	8.6	6.4	22.2	48.9	TS GR	35 mm corto/short 1" 3/8 scanalato/splined



Versioni Versions

TS 2C GAMMA 62 cod. 837600



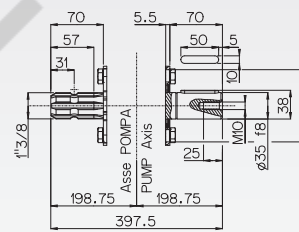
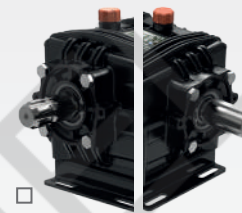
Applicazioni Shaft adaptors

Applicazioni motori idraulici
Hydraulic motor connections



MI □ △
vedi pag 92 see page 92

TS 1C GAMMA 62 cod. 837700

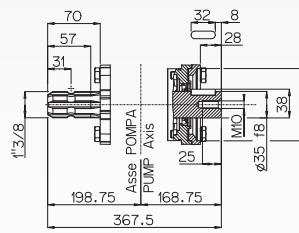
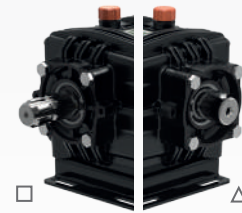


Applicazioni motori idraulici
Hydraulic motor connections



MI □
vedi pag 92 see page 92

TS GR GAMMA 62 cod. 837800



Riduttore per motore a scoppio
Gear reduction for gasoline/diesel engine



S 164 - G 62 △
vedi pag 88 see page 88

Applicazioni motori idraulici
Hydraulic motor connections



MI □
vedi pag 92 see page 92

Gruppi regolazione pressione Pressure control units

ZX



VRG 100



VRG 155



UHP



vedi pag. 82-83 see pages 82-83

GAMMA 85 GAMMA 105 GAMMA 125

GAMMA 85
GAMMA 105
GAMMA 125

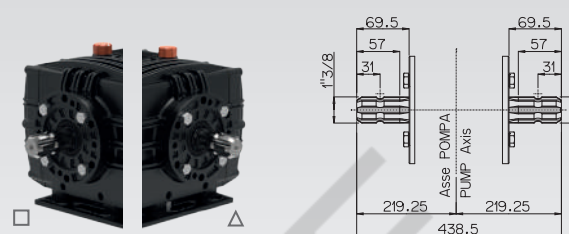
Max.: 84 l/min - 22.2 GPM · 60 bar - 870 PSI · 600 RPM Max.: 106.5 l/min - 28.1 GPM · 60 bar - 870 PSI · 600 RPM Max.: 133 l/min - 35.1 GPM · 60 bar - 870 PSI · 600 RPM

TS 2C GAMMA 85 cod. 838100
GAMMA 105 cod. 838600
GAMMA 125 cod. 839200



Versioni Versions

TS 2C GAMMA 85 cod. 838100 - GAMMA 105 cod. 838600
GAMMA 125 cod. 839100



Applicazioni Shaft adaptors

Applicazioni motori idraulici
Hydraulic motor connections



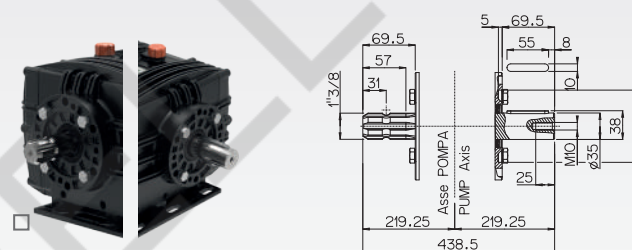
MI □ Δ
vedi pag 92 see page 92

Applicazioni motori idraulici
Hydraulic motor connections



MI □ Δ
vedi pag 92 see page 92

TS 1C GAMMA 85 cod. 838200 - GAMMA 105 cod. 838700
GAMMA 125 cod. 839200



Applicazioni motori idraulici
Hydraulic motor connections



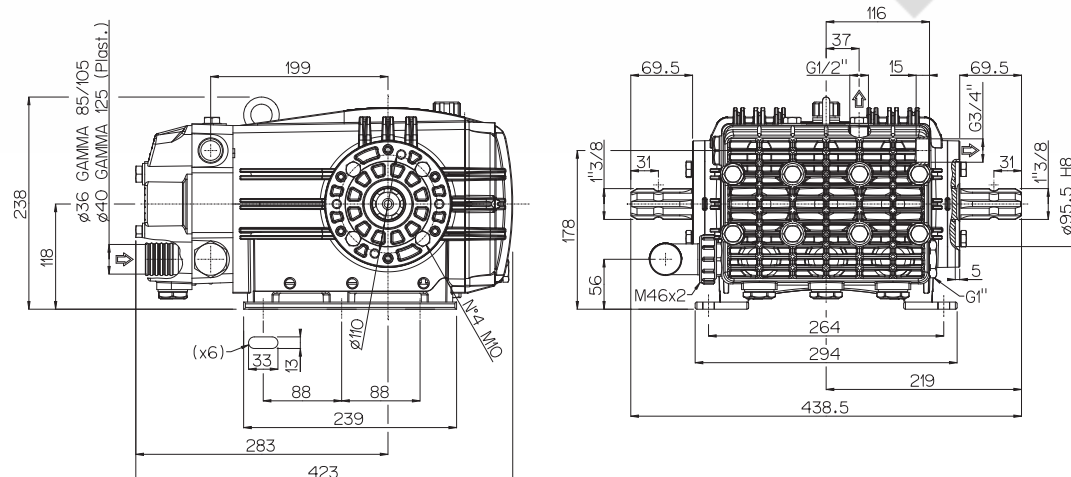
MI □
vedi pag 92 see page 92

Applicazioni motori idraulici
Hydraulic motor connections



MI □
vedi pag 92 see page 92

MOD.	RPM	Codice Code	Modello Model	Portata Flow				Pressione Pressure		Potenza Power		Peso Weight		Presa di Forza Shaft Type	
				NOM.				bar	PSI	HP	kW	Kg	lb		
				l/min	GPM	l/min	GPM								
GAMMA 85	600	838100	GAMMA 85 TS 2C	84.8	22.4	84.0	22.2	60	870	12.9	9.6	37.8	83.3	TS 2C	1" 3/8 scanalato/splined
		838200	GAMMA 85 TS 1C	84.8	22.4	84.0	22.2	60	870	12.9	9.6	37.6	82.9	TS 1C	35 mm 1" 3/8 scanalato/splined
GAMMA 105	600	838600	GAMMA 105 TS 2C	107.4	28.4	106.5	28.1	60	870	16.4	12.2	37.8	83.3	TS 2C	1" 3/8 scanalato/splined
		838700	GAMMA 105 TS 1C	107.4	28.4	106.5	28.1	60	870	16.4	12.2	37.6	82.9	TS 1C	35 mm 1" 3/8 scanalato/splined
GAMMA 125	600	839100	GAMMA 125 TS 2C	134.3	35.5	133.0	35.1	60	870	20.5	15.3	37.8	83.3	TS 2C	1" 3/8 scanalato/splined
		839200	GAMMA 125 TS 1C	134.3	35.5	133.0	35.1	60	870	20.5	15.3	37.6	82.9	TS 1C	35 mm 1" 3/8 scanalato/splined



Gruppi regolazione pressione Pressure control units

ZX



VRG 155



UHP



vedi pag. 82-83 see pages 82-83

GAMMA 155

GAMMA 155

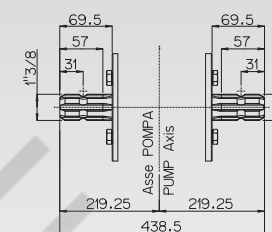
Max.: 147.5 l/min - 39 GPM · 50 bar - 725 PSI · 550 RPM

TS 2C GAMMA 155 cod. 817200



Versioni Versions

TS 2C GAMMA 155 cod. 817200



Applicazioni Shaft adaptors

Applicazioni motori idraulici
Hydraulic motor connections



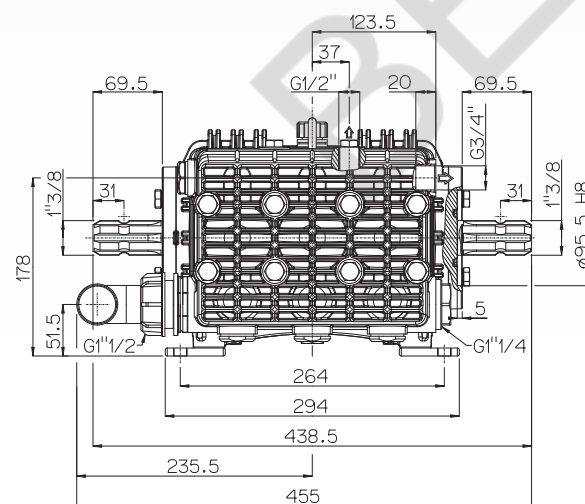
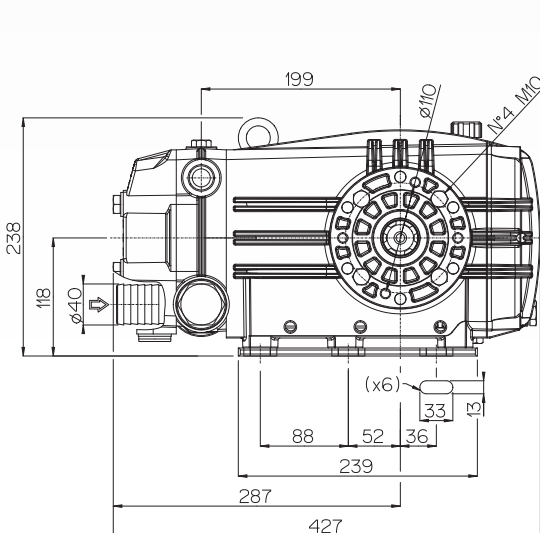
MI □ △
vedi pag 92 see page 92

Applicazioni motori idraulici
Hydraulic motor connections



MI □ △
vedi pag 92 see page 92

MOD.	RPM	Codice Code	Modello Model	Portata Flow				Pressione Pressure		Potenza Power		Peso Weight		Presenza di Forza Shaft Type
				NOM.				bar	PSI	HP	kW	Kg	lb	
				L/min	GPM	L/min	GPM							
GAMMA 155	550	817200	GAMMA 155 TS 2C	149.0	39.4	147.5	39.0	50	725	18.9	14.1	38.0	83.8	TS 2C 1" 3/8 scanalato/splined 1" 3/8 scanalato/splined



Gruppi regolazione pressione Pressure control units

vedi pag. 82-83 see pages 82-83

VRG 155

UHP

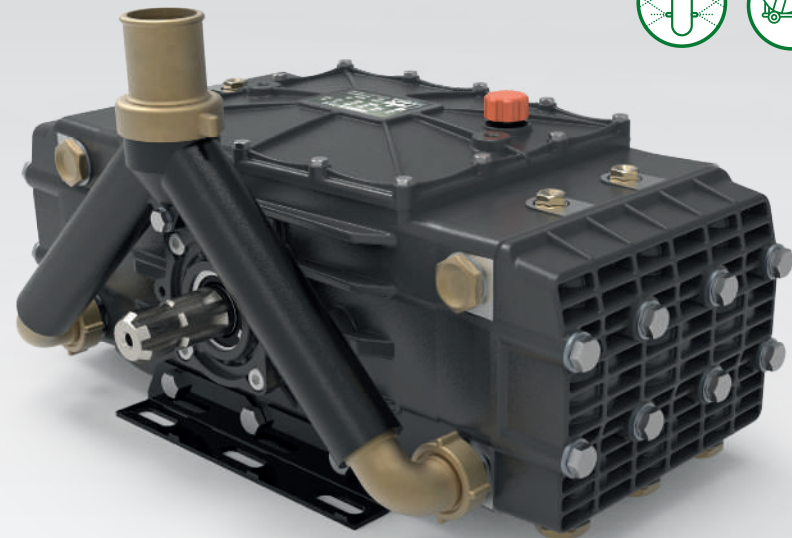


GAMMA 162 GAMMA 202 GAMMA 242

GAMMA 162
GAMMA 202
GAMMA 242

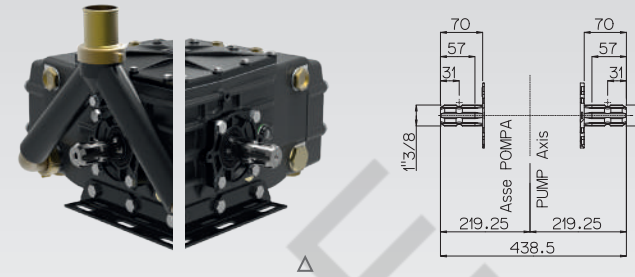
Max.: 164 l/min - 43.3 GPM · 60 bar - 870 PSI · 600 RPM Max.: 208 l/min - 55.0 GPM · 60 bar - 870 PSI · 600 RPM Max.: 240 l/min - 63.1 GPM · 60 bar - 870 PSI · 550 RPM

TS 2C GAMMA 162 cod.839600
GAMMA 202 cod.837100
GAMMA 242 cod.840100



Versioni Versions

TS 2C GAMMA 162 cod. 839600 - GAMMA 202 cod. 837100
GAMMA 242 cod. 840100



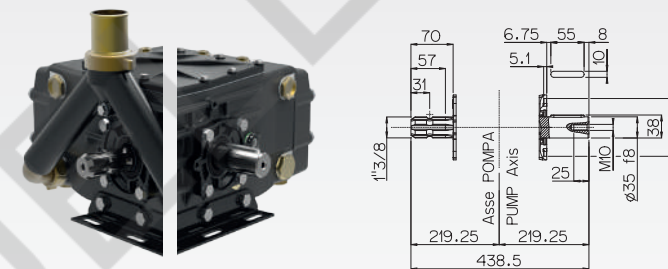
Applicazioni Shaft adaptors

Applicazioni motori
idraulici
Hydraulic motor
connections

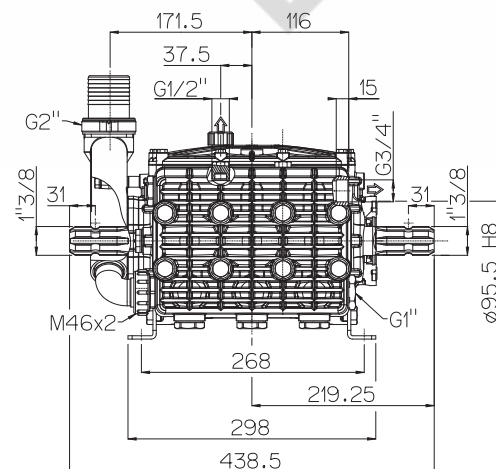
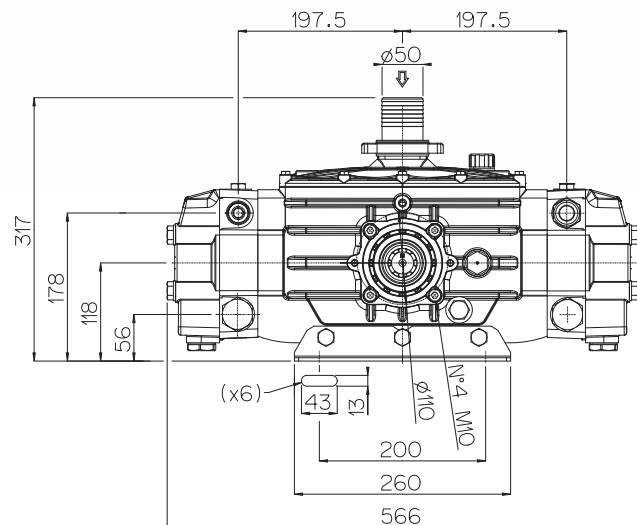


MI Δ
vedi pag 92 see page 92

TS 1C GAMMA 162 cod.839700 - GAMMA 202 cod. 837200
GAMMA 242 cod. 840200



MOD.	RPM	Codice Code	Modello Model	Portata Flow				Pressione Pressure		Potenza Power		Peso Weight		Presenza di Forza Shaft Type	
				NOM.				bar	PSI	HP	kW	Kg	lb		
				l/min	GPM	l/min	GPM								
GAMMA 162	600	839600	GAMMA 162 TS 2C	169.7	44.8	164.0	43.3	60	870	25.2	18.8	52.0	114.6	TS 2C	1" 3/8 scanalato/splined 1" 3/8 scanalato/splined
		839700	GAMMA 162 TS 1C	169.7	44.8	164.0	43.3	60	870	25.2	18.8	52.0	114.6	TS 1C	35 mm 1" 3/8 scanalato/splined
GAMMA 202	600	837100	GAMMA 202 TS 2C	214.9	56.8	208.0	55.0	60	870	32.0	23.9	52.0	114.6	TS 2C	1" 3/8 scanalato/splined 1" 3/8 scanalato/splined
		837200	GAMMA 202 TS 1C	214.9	56.8	208.0	55.0	60	870	32.0	23.9	52.0	114.6	TS 1C	35 mm 1" 3/8 scanalato/splined
GAMMA 242	550	840100	GAMMA 242 TS 2C	246.2	65.1	240.0	63.4	60	870	36.9	27.5	52.0	114.6	TS 2C	1" 3/8 scanalato/splined 1" 3/8 scanalato/splined
		840200	GAMMA 242 TS 1C	246.2	65.1	240.0	63.4	60	870	36.9	27.5	52.0	114.6	TS 1C	35 mm 1" 3/8 scanalato/splined



Gruppi regolazione pressione Pressure control units

VRG 255

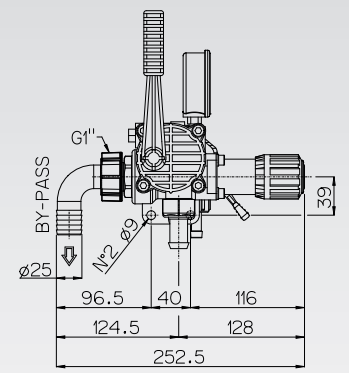
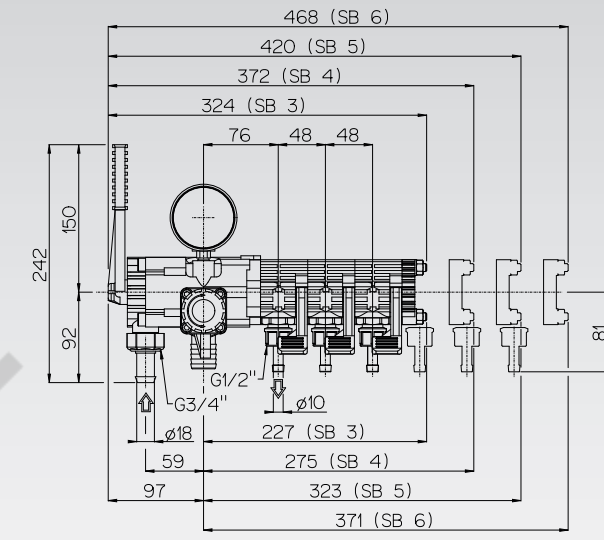
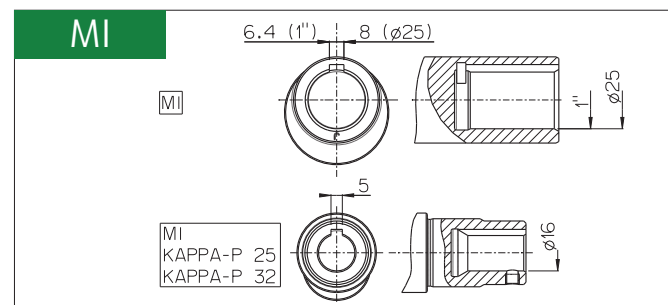
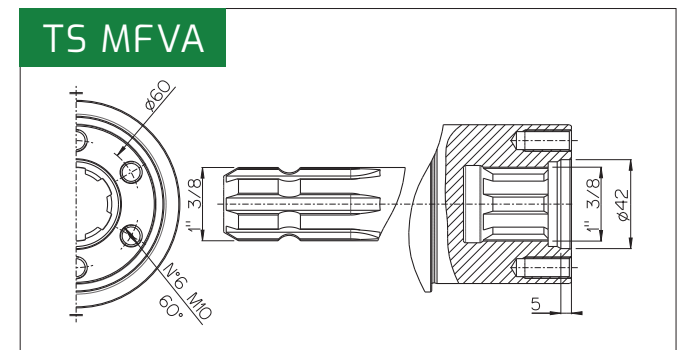
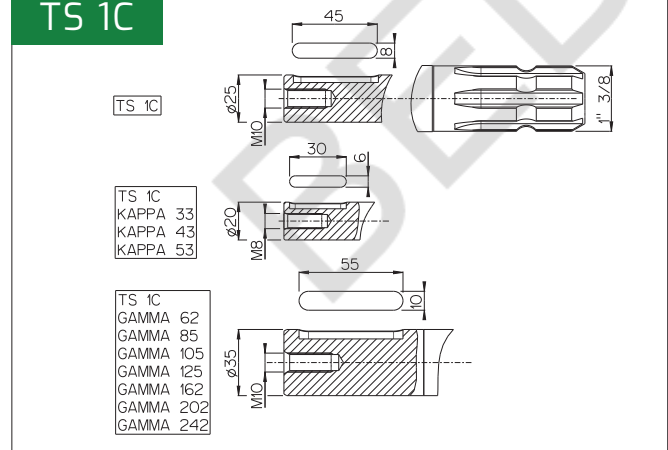
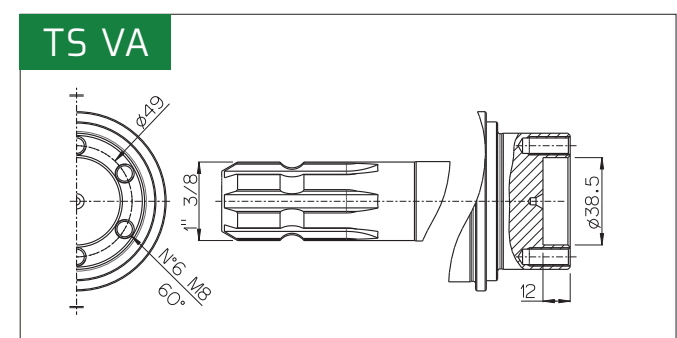
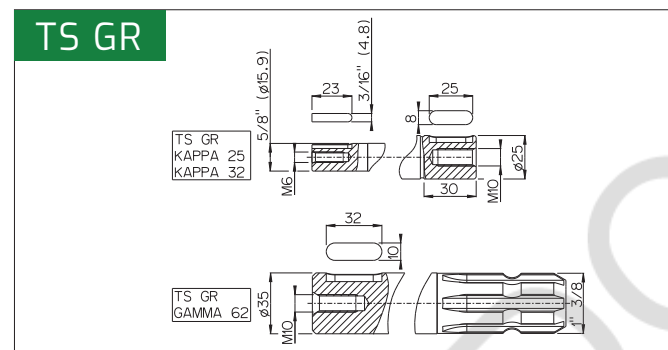
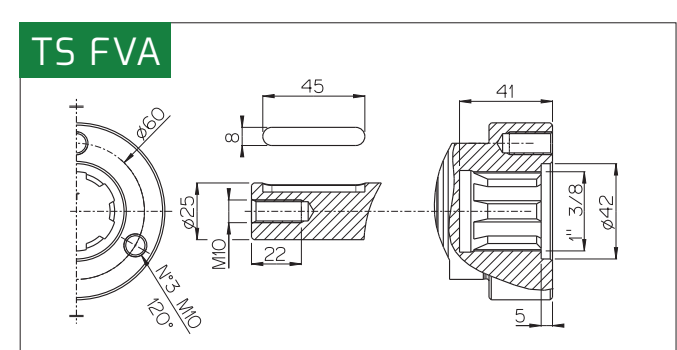
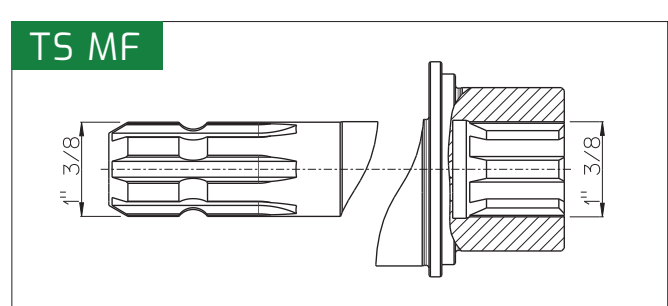
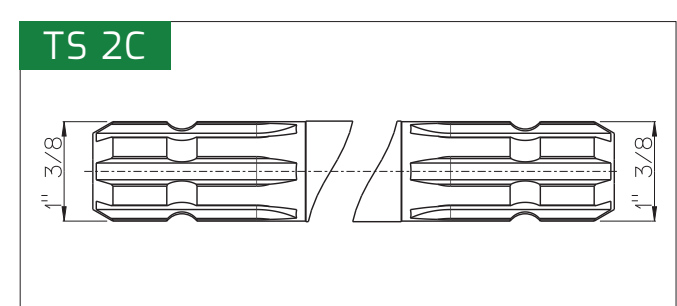
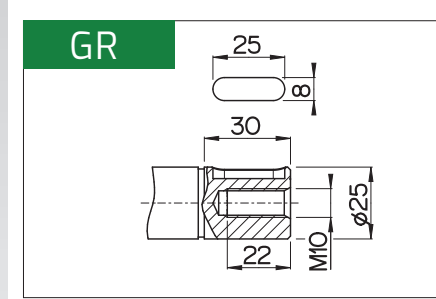
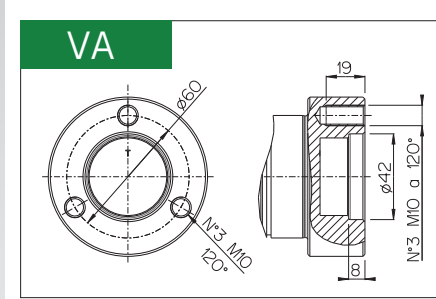
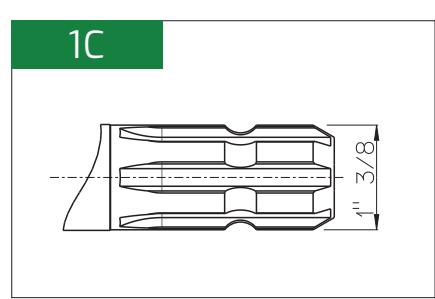


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Alberi Presa di Forza
P.T.O. Shaft

SB

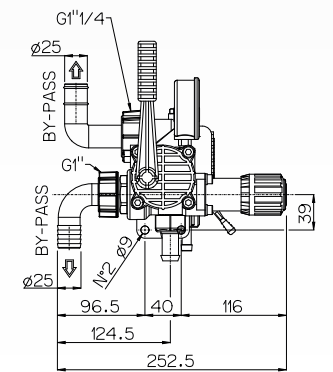
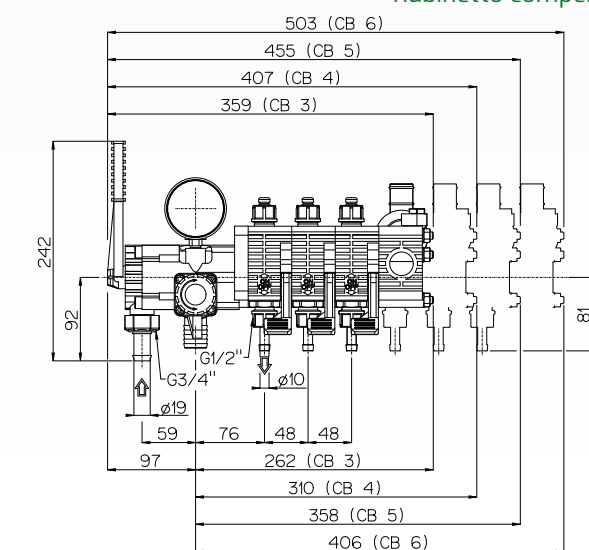
120 l/min - 32 GPM · 20 bar - 290 PSI



Modello Model	Codice Part Number	Codice con filtro 50 mesh Code with Filter 50 mesh	N° Mandate Nr. of Outlets	Raccordo Hose barb			Modello pompa suggerito Suggested pump model
				Entrata In	Mandata Out	Scarico Bypass	
SB3	604801	606701	3	19 mm	10 mm	25 mm	ZETA 70 / ZETA 85 / ZETA 100 ZETA 120-140 / ZETA-P 40-85 ZETA-P 100
SB4	604802	606702	4	19 mm	10 mm	25 mm	
SB5	604803	606703	5	19 mm	10 mm	25 mm	
SB6	604804	606704	6	19 mm	10 mm	25 mm	

CB

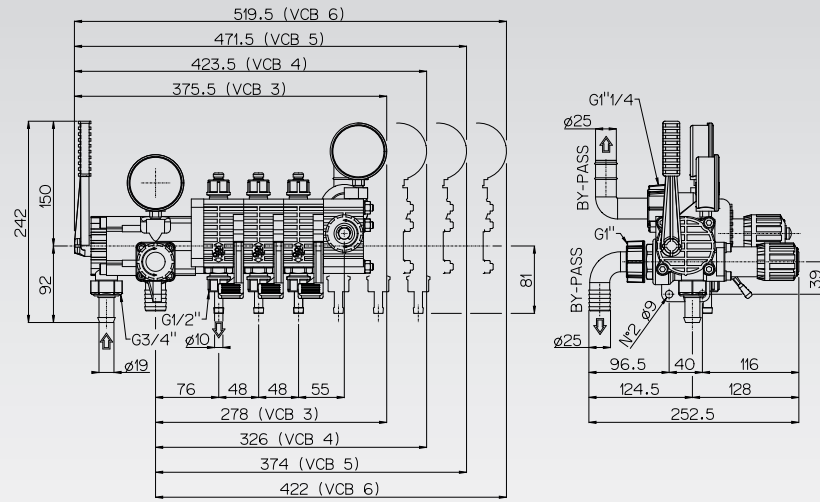
120 l/min - 32 GPM · 20 bar - 290 PSI
Rubinetto compensazione Compensation outlet



Modello Model	Codice Part Number	Codice con filtro 50 mesh Code with Filter 50 mesh	N° Mandate Nr. of Outlets	Raccordo Hose barb			Modello pompa suggerito Suggested pump model
				Entrata In	Mandata Out	Scarico Bypass	
CB3	604805	606705	3	19 mm	10 mm	25 mm	ZETA 70 / ZETA 85 / ZETA 100 ZETA 120-140 / ZETA-P 40-85 ZETA-P 100
CB4	604806	606706	4	19 mm	10 mm	25 mm	
CB5	604807	606707	5	19 mm	10 mm	25 mm	
CB6	604808	606708	6	19 mm	10 mm	25 mm	

VCB

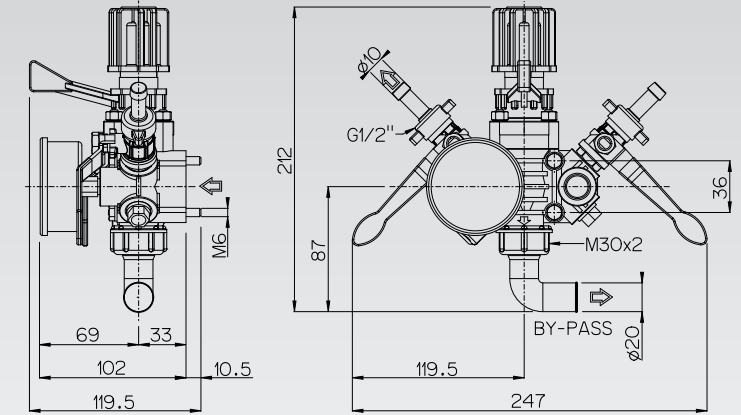
120 l/min - 32 GPM · 20 bar - 290 PSI
Con Rubinetto Compensazione Volumetrico
With Compensation Outlet Volumetric Valve



Modello Model	Codice Part Number	Codice con filtro 50 mesh Code with Filter 50 mesh	N° Mandate Nr. of Outlets	Raccordo Hose barb			Modello pompa suggerito Suggested pump model
				Entrata In	Mandata Out	Scarico Bypass	
VCB3	604809	606709	3	19 mm	10 mm	2 x 25 mm	ZETA 70 / ZETA 85 / ZETA 100 ZETA 120-140 / ZETA-P 40-85 ZETA-P 100
VCB4	604810	606710	4	19 mm	10 mm	2 x 25 mm	
VCB5	604811	606711	5	19 mm	10 mm	2 x 25 mm	
VCB6	604812	606712	6	19 mm	10 mm	2 x 25 mm	

DL

100 l/min - 27 GPM · 20/30/40 bar - 290/435/580 PSI

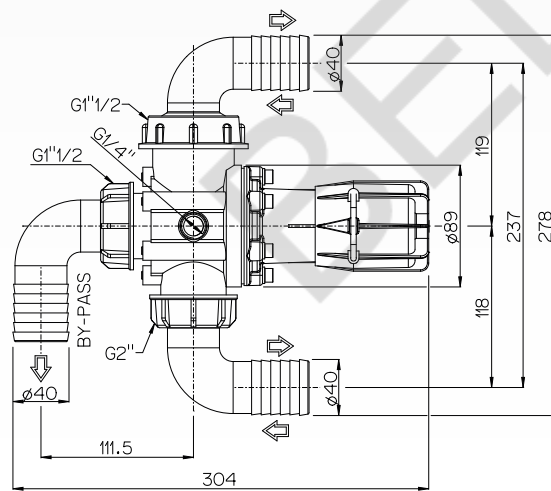


Modello Model	Codice Part Number	N° Mandate Nr. of Outlets ***	Raccordo Hose barb			Modello pompa suggerito Suggested pump model	Versione per comando a distanza Remote control version
			Entrata In	Mandata Out	Scarico Bypass		
DL 2/20	601095	2	-	10 mm	20 mm	ZETA 70 / ZETA 85 / ZETA 100 ZETA 120-140 / KAPPA 25-32 KAPPA 33-43-53 KAPPA 55-65 / DELTA 40-50 DELTA 75 / DELTA 100 ZETA-P 40-85 / ZETA-P 100	Per ZETA Pumps For ZETA Pumps Cod. 870410 Per KAPPA/ DELTA Pumps For KAPPA/ DELTA Pumps Cod. 7704C5
DL 2/30	6010A6	2	-	10 mm	20 mm		
DL 2/40	601093	2	-	10 mm	20 mm		
DL 3/20	601096	3	-	10 mm	20 mm		
DL 3/30	6010B7	3	-	10 mm	20 mm		
DL 3/40	601097	3	-	10 mm	20 mm		

*** Disponibile anche con 4 mandate / Available also with 4 outlets

VRG 400

400 l/min - 106 GPM · 20 bar - 290 PSI

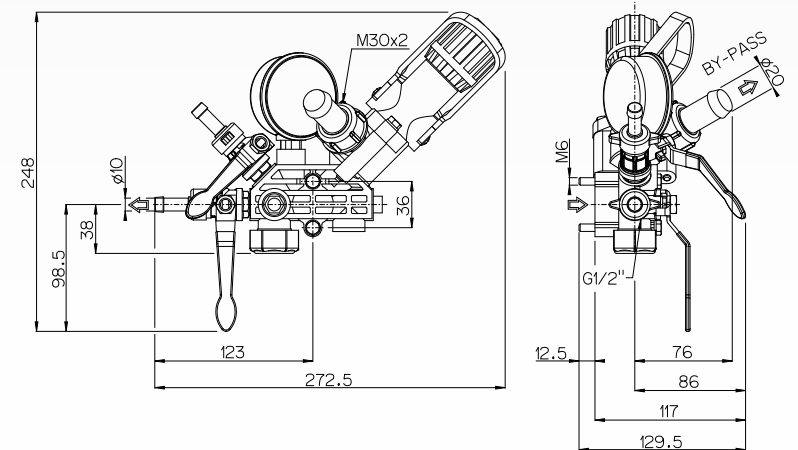


Modello Model	Codice Part Number	N° Mandate Nr. of Outlets	Raccordo Hose barb			Modello pompa suggerito Suggested pump model
			Entrata In	Mandata Out	Scarico Bypass	
VRG 400	063661	1	G2"	G 1 1/2	G 1 1/2	ZETA 170 / ZETA 200 / ZETA 230-260-300 ZETA 350-400

*** Disponibile anche con 4 mandate / Available also with 4 outlets

DS

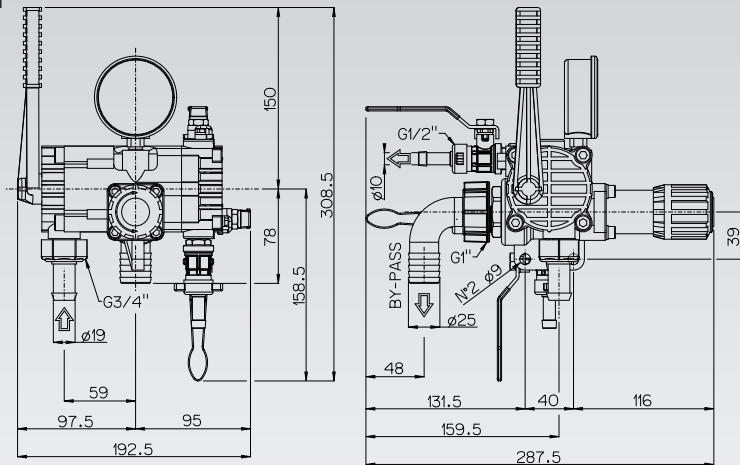
100 l/min - 27 GPM · 20/30/40 bar - 290/435/580 PSI



Modello Model	Codice Part Number	N° Mandate Nr. of Outlets ***	Raccordo Hose barb			Modello pompa suggerito Suggested pump model	Versione per comando a distanza Remote control version
			Entrata In	Mandata Out	Scarico Bypass		
DS 2/20	601048	2	-	10 mm	20 mm	ZETA 70 / ZETA 85 / ZETA 100 ZETA 120-140 / KAPPA 25-32 KAPPA 33-43-53 KAPPA 55-65 / DELTA 40-50 DELTA 75 / DELTA 100 ZETA-P 40-85 / ZETA-P 100	Per ZETA Pumps For ZETA Pumps Cod. 870410 Per KAPPA/ DELTA Pumps For KAPPA/ DELTA Pumps Cod. 7704C5
DS 2/30	601044	2	-	10 mm	20 mm		
DS 2/40	601045	2	-	10 mm	20 mm		
DS 3/20	601049	3	-	10 mm	20 mm		
DS 3/40	601047	3	-	10 mm	20 mm		

ZX

120 l/min - 32 GPM · 20/40/50/60 bar - 290/580/725/870 PSI



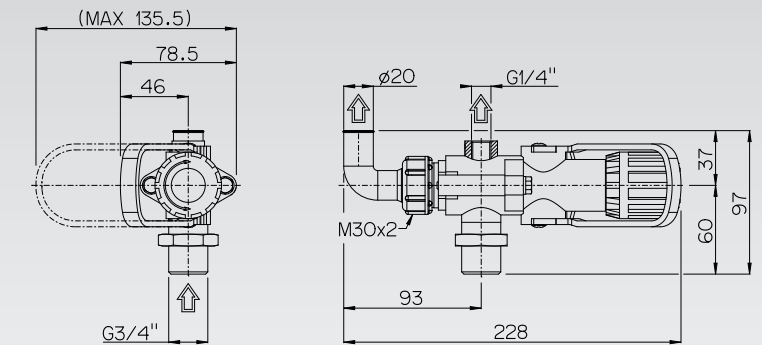
Modello Model	Codice Part Number	N° Mandate Nr. of Outlets	Raccordo Hose barb			Modello pompa suggerito Suggested pump model
			Entrata In	Mandata Out	Scarico Bypass	
ZX3/20	600403	3	19 mm	10 mm	25 mm	ZETA 70 / ZETA 85 / ZETA 100 ZETA 120-140 / KAPPA 25-32 KAPPA 33-43-53 / KAPPA 55-65 DELTA 40-50 / DELTA 75 / DELTA 100 DELTA 125 / DELTA 140 / OMEGA 135 OMEGA 139 / BETA 130 / ZETA-P 40-85 ZETA-P 100 / GAMMA 62 GAMMA 85-105-125
ZX3/40	600406	3	19 mm	10 mm	25 mm	
ZX3/50	600409	3	19 mm	10 mm	25 mm	
ZX3/60	600412	3	19 mm	10 mm	25 mm	
ZX4/20	600404	4	19 mm	10 mm	25 mm	
ZX4/40	600407	4	19 mm	10 mm	25 mm	
ZX4/50	600410	4	19 mm	10 mm	25 mm	
ZX4/60	600413	4	19 mm	10 mm	25 mm	

VRG 100

VRG 100 100 l/min - 24.4 GPM · 50 bar - 725 PSI



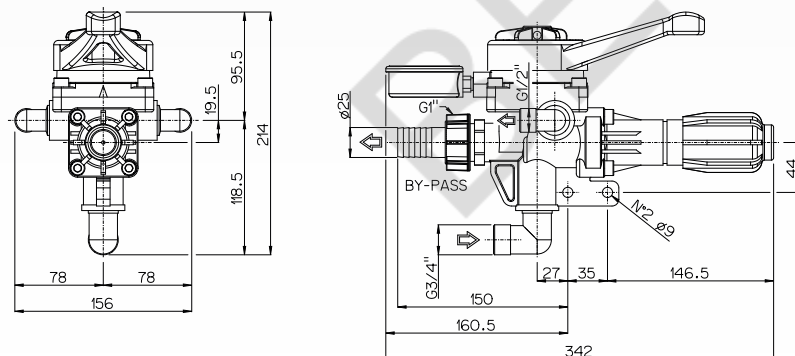
VRG 100



Modello Model	Codice Part Number	N° Mandate Nr. of Outlets	Raccordo Hose barb	Manometro Manometer	Modello pompa suggerito Suggested pump model	Versione per comando a distanza Remote control version
VRG 100	600531	1	Mandata Out 20 mm	-	GAMMA 62	 870410

UHP

170 l/min - 45 GPM · 50 bar - 725 PSI



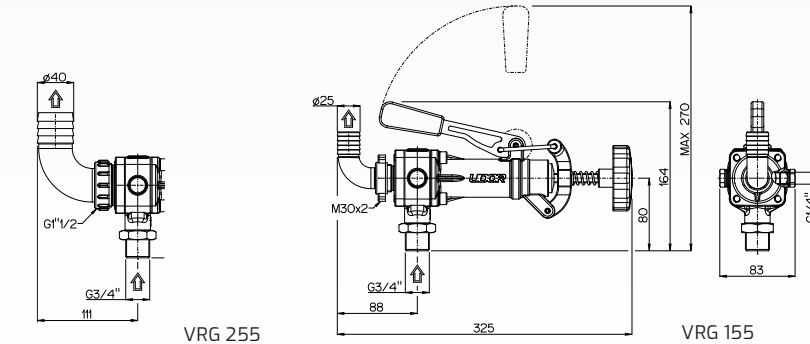
Modello Model	Codice Part Number	N° Mandate Nr. of Outlets	Raccordo Hose barb			Modello pompa suggerito Suggested pump model
			Entrata In	Mandata Out	Scarico Bypass	
UHP	600451	2	G3/4"	G1/2"	25 mm	DELTA 100 / DELTA 125 / DELTA 140 DELTA 170 / OMEGA 135 / OMEGA 139 BETA 130 / BETA 170 GAMMA 85-105-125 / GAMMA 155 GAMMA 162

VRG 155 - VRG 255

VRG 155 150 l/min - 40 GPM · 100 bar - 1450 PSI
VRG 255 250 l/min - 66 GPM · 100 bar - 1450 PSI



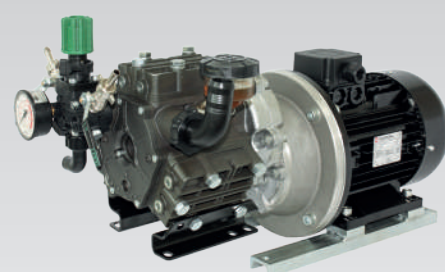
VRG 155 - VRG 255



Modello Model	Codice Part Number	N° Mandate Nr. of Outlets	Raccordo Hose barb	Manometro Manometer	Modello pompa suggerito Suggested pump model	Versione per comando a distanza Remote control version
VRG 155	600505	1	Mandata Out 25 mm	40 bar / 580 PSI	DELTA 125 / OMEGA 135	 770428
				50 bar / 725 PSI	DELTA 140 / DELTA 170 / OMEGA 139 OMEGA 170 / BETA-5 135 / BETA 130 BETA 170	
				60 bar / 870 PSI	GAMMA 62 / GAMMA 85-105-125	
VRG 255	600508	1	36 mm	50 bar / 725 PSI	BETA 200-240	 770428
			60 bar / 870 PSI	GAMMA 155 / GAMMA 162-202-242		

Elettropompe Pump Motor Units

Motopompe Pump Engine Units



Modello su base Model on base	Dati tecnici Technical Data				
	Tipo motore Engine type	Forma motore Motor flange	Potenza motore Engine power	Alimentazione Fuel type	Gruppo comando Control unit
KAPPA 15 492300	MONOFASE 4 poli - 50 Hz SINGLE PHASE 4 poles - 50 Hz	Speciale Special	0,8 HP 0,6 kW	230 V	Integrato sulla pompa Mounted on pump
KAPPA 15 492400	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	Speciale Special	0,8 HP 0,6 kW	230/400 V	Integrato sulla pompa Mounted on pump
KAPPA 15 (max 4 bar) 448400	C.C. MAGNETI PERMANENTI 12 volt motor	GR 71 B3 / B14	220 W 26 A	12 V	Integrato sulla pompa Mounted on pump
IOTA 20 234700	MONOFASE 4 poli - 50 Hz SINGLE PHASE 4 poles - 50 Hz	Speciale Special	1 HP 0,74 kW	220 V	Integrato sulla pompa Mounted on pump
IOTA 25 (max 5 bar) 262600	C.C. MAGNETI PERMANENTI 12 volt motor	Speciale Special	600 W 62 A	12 V	Integrato sulla pompa Mounted on pump
KAPPA 25 231900	MONOFASE 4 poli - 50 Hz SINGLE PHASE 4 poles - 50 Hz	GR 90 B3 / B5	2,5 HP 1,85 kW	220 V	DL2/30 6010A6
KAPPA 32 232000	MONOFASE 4 poli - 50 Hz SINGLE PHASE 4 poles - 50 Hz	GR 100 B3 / B5	3 HP 2,2 kW	220 V	DL2/30 6010A6
KAPPA 32 236000	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 100 B3 / B5	3 HP 2,2 kW	230/400 V	DL2/30 6010A6
KAPPA 32 (max 5 bar) 262500	C.C. MAGNETI PERMANENTI 12 volt motor	Speciale Special	600 W 62 A	12 V	DL 2/5 6010H5
KAPPA 33 (max 30 bar) 496900	MONOFASE 4 poli - 50 Hz SINGLE PHASE 4 poles - 50 Hz	GR 100 B3 / B5	3 HP 2,2 kW	220 V	DL2/30 6010A6
KAPPA 33 (max 30 bar) 498700	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 100 B3 / B5	3 HP 2,2 kW	230/400 V	DL2/30 6010A6
KAPPA 43 498500	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 100 B3 / B5	5,5 HP 4 kW	230/400 V	DL2/40 601093
KAPPA 53 498600	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 100 B3 / B5	5,5 HP 4 kW	230/400 V	DL2/40 601093
KAPPA 65 491900	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 112 B3 / B5	7,5 HP 4 kW	230/400 V	DL2/40 601093
DELTA 40 262900	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 100 B3 / B5	5,5 HP 4 kW	230/400 V	DL2/40 601093
DELTA 50 263000	TRIFASE 4 poli - 50 Hz THREE PHASES 4 poles - 50 Hz	GR 100 B3 / B5	5,5 HP 4 kW	230/400 V	DL2/40 601093

Modello su base Model on base	Dati tecnici Technical Data				
	Marca motore Engine brand	Potenza motore Engine power	Alimentazione Fuel type	Avviamento Starter	Gruppo comando Control unit
KAPPA 15/A 469800	B&S	4 HP 3 kW	Benzina Gasoline	Strappo Recoil	Integrato sulla pompa Mounted on pump
IOTA 20 469100	B&S	4 HP 3 kW	Benzina Gasoline	Strappo Recoil	Integrato sulla pompa Mounted on pump
IOTA 25 470000	B&S	4 HP 3 kW	Benzina Gasoline	Strappo Recoil	Integrato sulla pompa Mounted on pump
KAPPA 25 469900	B&S	4 HP 3 kW	Benzina Gasoline	Strappo Recoil	DL 2/30 6010A6
KAPPA 32 470100	B&S	6,5 HP 4,8 kW	Benzina Gasoline	Strappo Recoil	DL 2/30 6010A6
KAPPA 33 464200	HONDA	4 HP 3 kW	Benzina Gasoline	Strappo Recoil	DL 2/30 6010A6
KAPPA 33 463900	B&S	6,5 HP 4,8 kW	Benzina Gasoline	Strappo Recoil	DS 2/40 601045
KAPPA 43 464000	B&S	6,5 HP 4,8 kW	Benzina Gasoline	Strappo Recoil	DL 2/40 601093
KAPPA 65 458100	B&S	10 HP 7,4 kW	Benzina Gasoline	Strappo Recoil	DL 2/40 601093
KAPPA 65 463200	B&S	10 HP 7,4 kW	Benzina Gasoline	Elettrico Electric	DL 2/40 601093
DELTA 40 472000	HONDA	5,5 HP 4 kW	Benzina Gasoline	Strappo Recoil	DL 2/40 601093
DELTA 40 472100	B&S	6,5 HP 4,8 kW	Benzina Gasoline	Strappo Recoil	DL 2/40 601093
DELTA 75 460400	B&S	11 HP 8,2 kW	Benzina Gasoline	Strappo Recoil	DL 3/40 601097
DELTA 75 459300	HONDA	9 HP 6,7 kW	Benzina Gasoline	Strappo Recoil	DL 3/40 601097
DELTA 100 441600	B&S	14 HP 10,4 kW	Benzina Gasoline	Strappo Recoil	DL 3/40 601097
DELTA 100 444600	B&S	13 HP 9,6 kW	Benzina Gasoline	Elettrico Electric	DL 3/40 601097
DELTA 100 470400	HONDA	11 HP 8,2 kW	Benzina Gasoline	Elettrico Electric	DL 3/40 601097
GAMMA 62 465800	B&S	11 HP 8,2 kW	Benzina Gasoline	Strappo Recoil	VRG 100 600531
GAMMA 62 465700	B&S	11 HP 8,2 kW	Benzina Gasoline	Elettrico Electric	VRG 100 600531
GAMMA 62 461100	HONDA	9 HP 6,7 kW	Benzina Gasoline	Strappo Recoil	VRG 100 600531

Gruppi Pompa con Motore Idraulico Hydraulic Pump Units

Disponibili su richiesta
Available on request



Riduttori per Motori a Scoppio
Gear Boxes for Gasoline/Diesel Engines




Riduttori per Motori a Scoppio
Gear Boxes for Gasoline/Diesel Engines

	Codice Code	Tipo di riduttore Gear reductions type		Rapporto riduzione Reduction ratio
	5049E1	Riduttore S124-15H HP3 D.15mm Gear Box S124-15H HP3 D.15mm	HONDA	2,375:1
	5050E2	Riduttore S124-5/8" HP2 D.5/8" Gear Box S124-5/8" HP2 D.5/8"	B&S	2,375:1
	5065D9	Riduttore S124-5/8"Q HP2 D.5/8" (Q) Gear Box S124-5/8"Q HP2 D.5/8" (Q)	HONDA	2,375:1
	5047D7	Riduttore S124-3/4" HP3 D.3/4" Gear Box S124-3/4" HP3 D.3/4"	B&S	2,375:1
	5090B0	Riduttore S151-15H HP3 D.15mm Gear Box S151-15H HP3 D.15mm	HONDA	5:1
	5089F7	Riduttore S151-15GRH HP3 D.15mm Gear Box S151-15GRH HP3 D.15mm	HONDA	5:1
	5114G7	Riduttore S151-18GRH HP4 D.18mm Gear Box S151-18GRH HP4 D.18mm	HONDA	5:1
	509274	Riduttore S151-5/8" HP3 D.5/8" Gear Box S151-5/8" HP3 D.5/8"		5:1
	5088F7	Riduttore S151-5/8"GR HP3 D.5/8" Gear Box S151-5/8"GR HP3 D.5/8"		5:1
	5091D9	Riduttore S151-5/8"H HP3 D.5/8" Gear Box S151-5/8"H HP3 D.5/8"	HONDA	5:1
	5093D9	Riduttore S151-5/8"GRH HP3 D.5/8" Gear Box S151-5/8"GRH HP3 D.5/8"	HONDA	5:1
	509476	Riduttore S151-3/4" HP3,5 D.3/4" Gear Box S151-3/4" HP3,5 D.3/4"		5:1
5085F7	Riduttore S151-3/4"GR HP3,5 D.3/4" Gear Box S151-3/4"GR HP3,5 D.3/4"		5:1	

	IOTA 20	IOTA 25 GR	KAPPA 15	KAPPA 25 GR KAPPA 25 T5 GR	KAPPA 32 GR KAPPA 32 T5 GR	KAPPA-P 30 GR 550 RPM	KAPPA-P 40 GR 550 RPM

Riduttori per Motori a Scoppio Gear Boxes for Gasoline/Diesel Engines

Riduttori per Motori a Scoppio Gear Boxes for Gasoline/Diesel Engines


	Codice Code	Tipo di riduttore Gear reductions type	Rapporto riduzione Reduction ratio	ZETA 85 VA ZETA 100 VA	ZETA 120 VA
	511375	Riduttore S160-20VAZ HP6,5 D.20 Gear Box S160-20VAZ HP6,5 D.20	6:1		✖
	507575	Riduttore S160-20GR HP6,5 D.20 Gear Box S160-20GR HP6,5 D.20	6:1		
	506975	Riduttore S160-20VA HP6,5 D.20 Gear Box S160-20VA HP6,5 D.20	6:1		
	507175	Riduttore S160-3/4"GR HP5,5 D.3/4" Gear Box S160-3/4"GR HP5,5 D.3/4"	6:1		
	502775	Riduttore S160-3/4"VA HP5,5 D.3/4" Gear Box S160-3/4"VA HP5,5 D.3/4"	6:1		
	508275	Riduttore S160-3/4"VAZ HP5,5 D.3/4" Gear Box S160-3/4"VAZ HP5,5 D.3/4"	6:1		✖
	5081F6	Riduttore S160-GRC HP5,5 D.23mm Conico Gear Box S160-GRC HP5,5 D.23mm Conical	6:1		
	5106G4	Riduttore S160-VAC HP5,5 D.23mm Conico Gear Box S160-VAC HP5,5 D.23mm Conical	6:1		
	510002	Riduttore S164-1"GR HP8/16 D.1" Gear Box S164-1"GR HP8/16 D.1"	6,4:1		
	510003	Riduttore S164-1"L HP8/16 D.1" Gear Box S164-1"L HP8/16 D.1"	KOHLER 6,4:1		
	510004	Riduttore S164-1"VA HP8/16 D.1" Gear Box S164-1"VA HP8/16 D.1"	6,4:1		
	510005	Riduttore S164-C HP8/16 D.23mm Conico Gear Box S164-C HP8/16 D.23mm Conical	6,4:1		
	510006	Riduttore S164-G62 HP8/16 D.1" Gear Box S164-G62 HP8/16 D.1"	6,4:1		
	503485	Riduttore M162-1"VA HP18 D.1" Corto Gear Box M162-1"VA HP18 D.1" Short	B&S 6,25:1		

KAPPA 33 GR KAPPA 43 GR	KAPPA 53 GR	KAPPA 55 VA / TS FVA KAPPA 65 VA / TS FVA	DELTA 40 GR DELTA 50 GR	DELTA 40 TS FVA	DELTA 50 TS FVA	DELTA 75 VA / TS FVA	DELTA 100 VA / TS FVA	DELTA 125 VA / TS FVA	DELTA 140 TS FVA	DELTA 170 TS FVA	ZETA-P 40 VA ZETA-P 85 VA ZETA-P 100 VA	GAMMA 62
	✖											
		✖				✖	✖					
	✖											
		✖				✖	✖					
		✖				✖	✖					
									✖	✖		

* Da non utilizzare alla pressione massima di targa della pompa. Non superare il limite di assorbimento del motore.
* Not to be used at max. pump tag pressure. Do not overload engine or motor power.

Riduttori per Motori Elettrici Gear Boxes for Electric Motors


Riduttori per Motori Elettrici Gear Boxes for Electric Motors

	Codice Code	Tipo di riduttore Gear reductions type	Rapporto riduzione Reduction ratio	ZETA 85 VA ZETA 100 VA	ZETA 120 VA	IOTA 25 GR	KAPPA 15
	507453	Riduttore E127-24GR HP2/2,5 D.24mm Gear Box E127-24GR HP2/2,5 D.24mm	2,778:1				
	503153	Riduttore E127-28VA HP3/5,5 D.28mm Gear Box E127-28VA HP3/5,5 D.28mm	2,778:1		*		
	507053	Riduttore E127-28GR HP3/5,5 D.28mm Gear Box E127-28GR HP3/5,5 D.28mm	2,778:1				

KAPPA 25 GR KAPPA 25 TS GR KAPPA 32 GR KAPPA 32 TS GR	KAPPA 33 GR KAPPA 43 GR KAPPA 53 GR	KAPPA 55 VA KAPPA 55 TS FVA	KAPPA 65 VA KAPPA 65 TS FVA	DELTA 40 GR DELTA 50 GR	DELTA 40 TS FVA DELTA 50 TS FVA	DELTA 75 VA DELTA 75 TS FVA	DELTA 100 VA DELTA 100 TS FVA	KAPPA-P 30 GR KAPPA-P 40 GR 550 RPM	ZETA-P 40 VA ZETA-P 85 VA ZETA-P 100 VA
						*	*		

* Da non utilizzare alla pressione massima di targa della pompa. Non superare il limite di assorbimento del motore.
* Not to be used at max. pump tag pressure. Do not overload engine or motor power.

Moltiplicatori per P.D.F. Trattore P.T.O. Multiplier Gear Boxes

	Codice Code	Tipo di moltiplicatore Multiplier type	Rapporto riduzione Reduction ratio	ZETA 170 TS 2C	ZETA 200 TS 2C	ZETA 230 TS 2C	ZETA 260 TS 2C	ZETA 300 TS 2C	ZETA 350 TS 2C
	510363	Moltiplicatore MTP381 HP13,6 Conico 1:8 Multiplier MTP381 HP13,6 Conico 1:8	1:3,8						

Accoppiamenti Disponibili per Motori Idraulici





Mounting Options for Hydraulic Motors

		Codice Code	Motori tipo Hydraulic Motor connection	ZETA 70 IC / TS IC	ZETA 85 IC / TS IC	ZETA 85 VA	ZETA 100 IC / TS IC	ZETA 100 VA	ZETA 120 IC / TS IC	ZETA 120 VA	ZETA 140 IC / TS IC	ZETA 170 IC / TS 2C / ZETA 200 TS 2C	ZETA 230 TS 2C / ZETA 260 TS 2C / ZETA 300 TS 2C	ZETA 350 TS 2C / ZETA 400 TS 2C	IOTA 25 GR	KAPPA 25/32 GR / TS GR	KAPPA 33/43/53 GR	KAPPA 55/65 VA / TS FVA	DELTA 40/50 GR	DELTA 40/50 TS FVA	DELTA 75 VA / TS FVA	DELTA 100 VA / TS FVA	DELTA 125 VA / TS FVA	DELTA 140/170 TS FVA	OMEGA 135/139 TS 2C	OMEGA 170 TS 2C	BETA-5 135 TS 2C	BETA 130 TS 2C	BETA 170 TS 2C	BETA 200/240 TS 2C	KAPPA-P 30/40 GR 550 RPM	ZETA-P 40 IC	ZETA-P 40 VA	ZETA-P 85 IC / TS IC	ZETA-P 85 VA	ZETA-P 100 IC / TS IC	ZETA-P 100 VA	GAMMA 62 TS IC / TS 2C / GR	GAMMA 85 TS IC / TS 2C	GAMMA 105 TS IC / TS 2C	GAMMA 125 TS IC / TS 2C	GAMMA 155 TS 2C	GAMMA 162/202/242 TS 2C			
	419500	Albero Shaft Ø 1"	OMP 80																																											
	419600	Albero Shaft Ø 25	OMR 50																																											
	418800	Albero Shaft Ø 1"	OMR 50																																											
			OMP 80																																											
			OMR 100																																											
	418700	Albero Shaft Ø 25	OMR 50																																											
			OMP 80																																											
			OMR 100																																											
	418600	Albero Shaft Ø 1"	OMP 50																																											
	418500	Albero Shaft Ø 25	OMP 80																																											
	417400	Albero Shaft Ø 1"	OMR 80																																											
	417300	Albero Shaft Ø 25	OMR 100																																											
	417100	Albero Shaft Ø 32	OMS 125																																											
	420500	Albero Shaft Ø 1"	OMP 40																																											
	420100	Albero Shaft Ø 25	OMP 40																																											
	420600	Albero Shaft Ø 1"	OMP 40																																											
	417700	Albero Shaft Ø 25	OMP 40																																											
	420200	Albero Shaft Ø 1"	OMP 40																																											
	420300	Albero Shaft Ø 25	OMP 40																																											
	415500	Albero Shaft Ø 1"	OMP 80																																											
			OMR 50																																											
			OMR 100																																											
	415400	Albero Shaft Ø 25	OMP 80																																											
			OMR 50																																											
			OMR 100																																											
	417200	Albero Shaft Ø 40	OMT 160																																											
			OMT 200																																											
	419100	Albero Shaft Ø 1"	OMR 80																																											
	416700	Albero Shaft Ø 25	OMR 100																																											
	419800	Albero Shaft Ø 40	OMT 160																																											
			OMT 200																																											

Accessori Accessories

Accessori Accessories

	Codice Code	Modello descrizione Model description	Pressione Max. Max. Pressure		Entrata Inlet
			bar	PSI	
	080232	Lancia manopola (con protezione) Knob spray gun (with safety shield)	40	580	8 / 10
	080230	Lancia leva (con protezione) Trigger spray gun (with safety shield)	40	580	8 / 10
	080214	Lancia turbo 400 Turbo gun 400	50	725	10 / 13
	080213	Lancia Hydra Hydra gun	50	725	10 / 13
	080205	Lancia mitra a getto regolabile Double handle trigger gun with adjust. spray	60	870	10 / 13
	080253	Lancia Foam mix Foam mix Lance	250	3625	G1 / 2 M

	Codice Code	Modello descrizione Model description	
	606602	Kit Protezione Cardano P.T.O. Drive-Shaft Guard	Disponibile per pompe mod. ZETA 70-85-100-120-140 ZETA-P 40-85-100 Suitable for pumps model ZETA 70-85-100-120-140 ZETA-P 40-85-100
	606605	Kit Protezione Cardano P.T.O. Drive-Shaft Guard	Disponibile per pompe mod. ZETA 170-200-230-260-300-350-400 KAPPA - DELTA - OMEGA - BETA - KAPPA-P - GAMMA Suitable for pumps model ZETA 170-200-230-260-300-350-400 KAPPA - DELTA - OMEGA - BETA - KAPPA-P - GAMMA
	606609	Cappuccio protezione totale P.D.F. Shaft tool protection cap	Disponibile per tutti i tipi pompe Suitable for all pumps models
	606618	Cappuccio protezione totale P.D.F. Shaft tool protection cap	Disponibile per pompe mod. DELTA 40-50 Suitable for pumps model DELTA 40-50


	Codice Code	Modello descrizione Model description	Pressione Max. Max. Pressure		Portata Max. Max. Flow rate	
			bar	PSI	l/min	GPM
	063703	Valvola di Sicurezza Attacco G3/8 Safety Valve G3/8 Connection	10	145	100	26,4
	063704	Valvola di Sicurezza Attacco G1/2 Safety Valve G1/2 Connection	10	145	200	52,8
	063705	Valvola di Sicurezza Attacco G3/4 Safety Valve G3/4 Connection	10	145	250	66,1
	063706	Valvola di Sicurezza Attacco G3/8 Safety Valve G3/8 Connection	20	290	100	26,4
	063710	Valvola di Sicurezza Attacco G1/2 Safety Valve G1/2 Connection	20	290	200	52,8
	063713	Valvola di Sicurezza Attacco G3/4 Safety Valve G3/4 Connection	20	290	280	74,0
	063707	Valvola di Sicurezza Attacco G3/8 Safety Valve G3/8 Connection	30	435	100	26,4
	063708	Valvola di Sicurezza Attacco G3/8 Safety Valve G3/8 Connection	40	580	100	26,4
	063711	Valvola di Sicurezza Attacco G1/2 Safety Valve G1/2 Connection	40	580	200	52,8
	063709	Valvola di Sicurezza Attacco G3/8 Safety Valve G3/8 Connection	50	725	100	26,4
	063712	Valvola di Sicurezza Attacco G1/2 Safety Valve G1/2 Connection	50	725	200	52,8

Tabella Ugelli Nozzles Chart

Tabella Ugelli Nozzles Chart

Foro Ø mm	Prestazioni	Pressione													
		15 bar		25 bar		35 bar		40 bar		45 bar		50 bar		60 bar	
		cono	spillo	cono	spillo	cono	spillo	cono	spillo	cono	spillo	cono	spillo	cono	spillo
1.0	Portata l/min	2.45	2.50	3.00	3.10	3.40	3.50	3.55	3.65	3.75	3.85	4.00	4.10	4.40	4.55
	Angolo di spruzzo	18°	-	18°	-	20°	-	20°	-	22°	-	22°	-	22°	-
	Glittata max. m.	2.50	5.00	2.80	5.50	3.00	6.00	3.00	6.50	3.00	7.00	3.50	7.50	3.50	8.00
1.2	Portata l/min	3.60	3.80	4.25	4.60	4.70	5.40	5.20	5.90	5.35	6.10	5.60	6.30	6.20	7.00
	Angolo di spruzzo	22°	-	22°	-	24°	-	24°	-	26°	-	26°	-	28°	-
	Glittata max. m.	2.90	5.80	3.00	6.20	3.20	6.50	3.40	6.90	3.40	7.50	3.60	8.00	3.70	9.00
1.5	Portata l/min	4.80	5.10	5.70	6.50	6.60	7.40	6.80	7.80	7.30	8.20	7.70	8.60	8.30	9.50
	Angolo di spruzzo	25°	-	28°	-	28°	-	28°	-	30°	-	30°	-	30°	-
	Glittata max. m.	3.00	7.00	3.20	7.80	3.40	8.50	3.50	9.20	3.60	9.60	3.80	10.00	4.00	10.50
1.8	Portata l/min	5.90	7.30	7.20	8.30	8.80	10.80	9.20	11.70	9.70	12.20	10.50	12.70	11.60	13.50
	Angolo di spruzzo	28°	-	30°	-	33°	-	33°	-	35°	-	35°	-	35°	-
	Glittata max. m.	3.20	7.90	3.50	8.50	3.70	9.00	3.90	9.70	4.20	10.40	4.50	11.00	4.70	12.00
2.0	Portata l/min	6.90	8.80	8.10	11.70	10.20	13.40	10.90	14.30	11.70	15.20	12.50	15.80	13.50	17.10
	Angolo di spruzzo	30°	-	32°	-	35°	-	35°	-	35°	-	37°	-	37°	-
	Glittata max. m.	3.50	8.50	3.80	9.50	4.00	10.50	4.30	11.00	4.80	11.50	4.80	12.00	5.10	13.00
2.3	Portata l/min	6.10	10.80	10.20	14.10	12.90	15.80	13.70	17.90	14.30	18.80	14.90	19.70	15.90	22.10
	Angolo di spruzzo	40°	-	40°	-	42°	-	42°	-	45°	-	45°	-	45°	-
	Glittata max. m.	3.70	9.50	4.00	10.50	4.50	11.50	4.80	12.00	5.10	12.50	5.50	13.00	5.80	14.00
2.5	Portata l/min	9.20	13.00	11.40	16.40	14.00	19.10	14.50	21.00	15.40	22.00	16.40	23.00	18.20	25.40
	Angolo di spruzzo	42°	-	42°	-	45°	-	45°	-	50°	-	50°	-	50°	-
	Glittata max. m.	3.00	9.00	3.80	9.80	4.00	10.80	4.50	11.50	4.80	12.00	5.00	12.50	5.40	13.20
3.0	Portata l/min	11.50	18.40	14.40	24.10	18.00	28.20	18.80	30.10	19.60	31.50	20.90	33.00	22.80	36.30
	Angolo di spruzzo	48°	-	48°	-	52°	-	52°	-	55°	-	55°	-	55°	-
	Glittata max. m.	3.80	9.50	4.00	10.50	4.20	11.00	4.50	11.80	4.80	12.20	5.00	13.00	5.20	13.50
3.5	Portata l/min	13.10	24.20	16.80	30.50	20.00	36.00	21.40	38.50	23.00	41.50	24.50	44.00	27.60	50.00
	Angolo di spruzzo	55°	-	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Glittata max. m.	3.80	9.50	4.00	10.80	4.20	11.20	4.50	12.00	4.80	12.50	5.00	13.20	5.20	14.00
4.0	Portata l/min	29.00	30.20	37.50	39.00	44.40	46.10	47.40	49.30	50.30	52.30	53.00	55.20	58.00	60.40
	Angolo di spruzzo	40°	-	40°	-	40°	-	40°	-	40°	-	45°	-	45°	-
	Glittata max. m.	5.00	12.50	6.50	13.50	7.50	14.50	8.00	15.50	8.00	16.50	9.00	17.50	9.00	18.50
4.5	Portata l/min	33.70	36.40	43.50	47.00	51.50	55.60	55.00	58.50	58.40	63.10	61.50	66.50	67.40	72.80
	Angolo di spruzzo	45°	-	45°	-	50°	-	50°	-	50°	-	50°	-	50°	-
	Glittata max. m.	6.00	13.00	7.00	14.00	8.00	15.50	9.00	16.00	9.00	17.00	9.50	18.00	9.50	19.50
5.0	Portata l/min	40.30	41.80	52.00	54.00	61.50	64.00	65.80	68.30	69.80	72.50	73.50	76.40	80.60	83.70
	Angolo di spruzzo	50°	-	55°	-	55°	-	55°	-	55°	-	55°	-	55°	-
	Glittata max. m.	6.50	13.50	7.50	15.00	8.50	16.50	9.50	17.50	9.50	18.50	10.00	19.50	10.00	21.00
5.5	Portata l/min	43.80	47.30	56.50	61.00	67.00	72.20	71.50	77.20	75.80	81.80	80.00	86.30	87.50	94.50
	Angolo di spruzzo	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Glittata max. m.	5.50	14.00	7.50	16.00	9.00	17.50	10.00	18.50	10.00	19.50	10.50	20.50	10.50	22.00
6.0	Portata l/min	47.30	52.00	61.00	67.00	72.20	79.30	77.20	84.70	81.80	90.00	86.30	94.80	94.50	104.00
	Angolo di spruzzo	60°	-	65°	-	65°	-	65°	-	65°	-	65°	-	65°	-
	Glittata max. m.	7.00	14.50	8.00	17.00	9.50	18.50	10.50	20.50	11.00	21.50	11.00	23.00	11.00	24.00
7.0	Portata l/min	47.30	55.90	61.00	72.00	72.20	85.20	77.20	91.10	81.80	96.60	86.30	102.00	94.50	112.00
	Angolo di spruzzo	70°	-	80°	-	80°	-	75°	-	75°	-	75°	-	75°	-
	Glittata max. m.	7.00	15.50	8.00	18.00	9.50	19.50	11.00	20.50	11.00	21.50	12.00	22.50	12.00	24.00

Hole Ø mm	Performances	Pressure													
		200 PSI		350 PSI		500 PSI		600 PSI		650 PSI		700 PSI		850 PSI	
		cone	straight	cone	straight	cone	straight	cone	straight	cone	straight	cone	straight	cone	straight
1.0	Flow rate GPM	0.81	0.82	0.81	0.81	0.90	0.93	0.99	1.02	1.01	1.03	1.04	1.07	1.16	1.20
	Spray angle	18°	-	18°	-	20°	-	20°	-	22°	-	22°	-	22°	-
	Max. throw ft.	7.69	15.34	9.04	17.80	9.88	19.20	10.40	22.50	10.40	23.30	11.30	24.20	11.40	26.10
1.2	Flow rate GPM	0.89	0.94	1.11	1.20	1.25	1.43	1.37	1.57	1.43	1.64	1.53	1.76	1.63	1.84
	Spray angle	22°	-	22°	-	24°	-	24°	-	26°	-	26°	-	28°	-
	Max. throw ft.	8.80	17.80	9.63	20.00	10.50	21.40	11.30	23.90	11.30	25.00	11.60	25.90	12.10	29.40
1.5	Flow rate GPM	1.14	1.28	1.46	1.70	1.80	2.00	1.90	2.20	2.00	2.30	2.10	2.40	2.20	2.50
	Spray angle	25°	-	28°	-	28°	-	28°	-	30°	-	30°	-	30°	-
	Max. throw ft.	9.20	21.50	10.30	25.20	11.20	28.00	12.10	31.80	12.10	32.00	12.30	32.30	13.10	34.30
1.8	Flow rate GPM	1.50	1.80	1.90	2.40	2.30	2.90	2.60	3.30	2.70	3.40	2.80	3.50	3.10	3.60
	Spray angle	28°	-	30°	-	33°	-	33°	-	35°	-	35°	-	35°	-
	Max. throw ft.	9.80	24.30	11.30	27.40	12.20	29.70	13.50	33.60	14.00	34.70	14.50	36.50	15.40	39.20
2.0	Flow rate GPM	1.70	2.20	2.10	3.10	2.70	3.60	3.00	4.00	3.10	4.10	3.30	4.20	3.60	4.50
	Spray angle	30°	-	32°	-	35°	-	35°	-	35°	-	37°	-	37°	-
	Max. throw ft.	10.80	26.10	12.30	30.70	13.20	34.60	14.90	38.10	15.30	38.30	15.60	38.80	16.70	42.50
2.3	Flow rate GPM	2.10	2.70	2.70	3.70	3.40	4.50	3.80	4.80	3.80	5.00	3.90	5.10	4.20	5.80
	Spray angle	40°	-	40°	-	42°	-	42°	-	45°	-	45°	-	45°	-
	Max. throw ft.	11.40	28.00	12.90	33.90	14.80	37.90	16.60	41.50	17.00	41.70	17.70	42.00	19.00	45.70
2.5	Flow rate GPM	2.30	3.20	3.00	4.30	3.70	5.10	4.00	5.90	4.10	5.90	4.30	6.00	4.90	6.90
	Spray angle	42°	-	42°	-	45°	-	45°	-	50°	-	50°	-	50°	-
	Max. throw ft.	11.10	27.70	12.30	31.60	13.20	35.60	15.60	38.80	16.00	40.00	16.10	40.40	18.00	44.10
3.0	Flow rate GPM	2.90	4.50	3.70	6.30	4.80	7.50	5.20	8.40	5.30	8.50	5.40	8.60	6.00	9.60
	Spray angle	48°	-	48°	-	52°	-	52°	-	55°	-	55°	-	55°	-
	Max. throw ft.	11.70	22.90	12.90	33.90	13.80	36.20	15.60	40.80	16.00	40.70	16.20	42.00	17.00	44.10
3.5	Flow rate GPM	3.20	6.00	4.40	7.90	5.30	9.50	6.00	10.70	6.20	11.10	6.40	11.40	7.20	13.20
	Spray angle	55°	-	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Max. throw ft.	11.70	29.20	12.90	34.90	13.80	36.90	15.50	41.50	16.00	41.70	18.20	42.60	17.00	14.00
4.0	Flow rate GPM	7.00	7.30	9.60	9.90	11.60	12.00	12.90	13.50	13.20	13.80	13.60	14.10	15.00	15.60
	Spray angle	40°	-	40°	-	40°	-	40°	-	40°	-	45°	-	45°	-
	Max. throw ft.	15.10	37.70	20.60	42.80	24.30	47.00	27.20	53.00	27.20	54.00	28.50	55.00	29.00	59.00
4.5	Flow rate GPM	8.20	8.90	11.10	12.00	13.40	14.50	15.00	16.30	15.40	16.60	15.70	17.00	17.40	18.90
	Spray angle	45°	-	45°	-	50°	-	50°	-	50°	-	50°	-	50°	-
	Max. throw ft.	18.10	39.20	22.20	44.30	26.00	50.10	30.60	54.00	30.60	56.00	31.00	57.00	31.50	62.00
5.0	Flow rate GPM	9.80	10.20	13.30	13.80	16.00	16.70	18.00	18.70	18.40	19.10	18.90	19.50	20.80	21.60
	Spray angle	50°	-	55°	-	55°	-	55°	-	55°	-	55°	-	55°	-
	Max. throw ft.	19.60	40.70	23.80	47.00	27.50	53.30	32.30	59.00	32.30	61.00	32.80	62.00	32.80	21.00
5.5	Flow rate GPM	10.70	11.50	14.40	15.60	17.40	18.80	19.60							



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