50th ANNIVERSARY

2016

UDOR®

WATER POWER

Pompe a Membrana
Diaphragm Pumps

catalogo - *catalogue*

Quando nel 1966 abbiamo iniziato a progettare e produrre pompe a pressione per acqua, il mercato aveva bisogno di qualsiasi cosa e l'offerta di prodotti era ampiamente inferiore ala loro domanda. Con il passare degli anni e dei decenni, la produzione generale di beni è notevolmente aumentata e la proporzione tra domanda ed offerta è molto cambiata. Il tasso di crescita di UDOR non ha conosciuto soste nel tempo, nemmeno negli ultimi anni di fortissima competizione internazionale; questa è la migliore prova della competitività dei nostri prodotti e dei nostri processi.

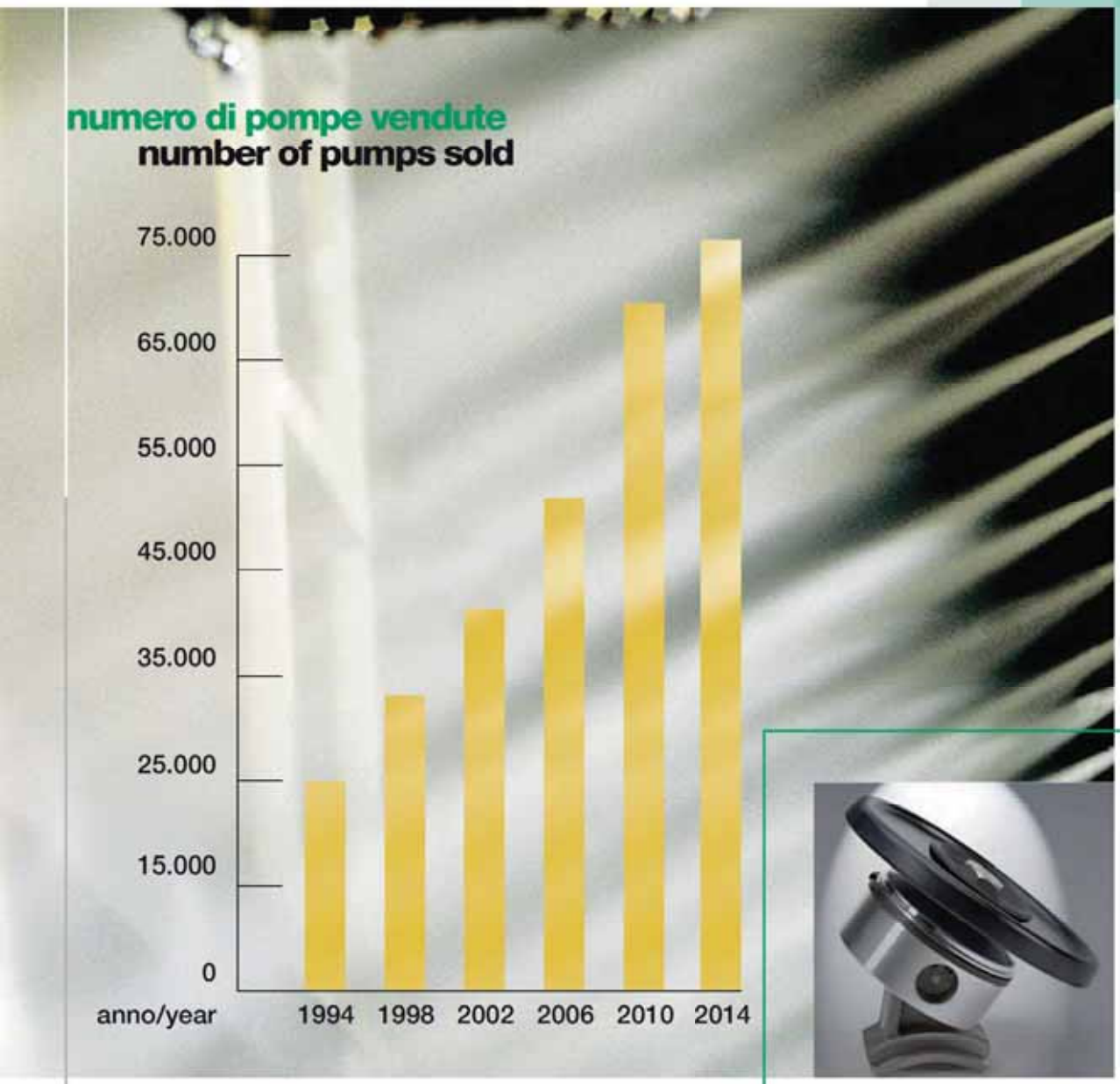
When in 1966 we started manufacturing water pressure pumps, the market was in desperate need of everything and the offer of products was much lower than their demand. After years and decades, the general production of goods has widely increased and the proportion between offer and demand has changed a lot. The UDOR growth rate, in all these years of strong international competition, has never slowed down and this is the best proof of how competitive our product and our process are.

Gianni Lenzi


DNV BUSINESS ASSURANCE
MANAGEMENT SYSTEM CERTIFICATE

UDOR S.p.A.

FSC MIX Paper from responsible sources FSC® C095347



UDOR nasce nel 1966 per la fabbricazione di pompe a membrana per i trattamenti antiparassitari in agricoltura. Negli anni 80 sono state aggiunte le pompe a pistoni ceramici a media pressione ed alta portata e negli anni 90 una gamma completa di pompe a pistoni ceramici ad alta pressione per il lavaggio industriale. UDOR si trova a Rubiera (Reggio Emilia) in uno stabilimento moderno di circa 13.000 mq. posizionato su un lotto di proprietà di circa 26.000 mq.

UDOR was founded in 1966 for the manufacturing of diaphragm pumps for agricultural sprayers. During 1980s we added a range of large flow-medium pressure plunger pumps and during 1990s we diversified our product range by going into the manufacturing of high pressure plunger pumps for the high pressure washing market. UDOR is located in Rubiera (Reggio Emilia – Italy) in a modern building of about 13.000 sqm. on its own land site of about 26.000 sqm.

la nostra azienda
our company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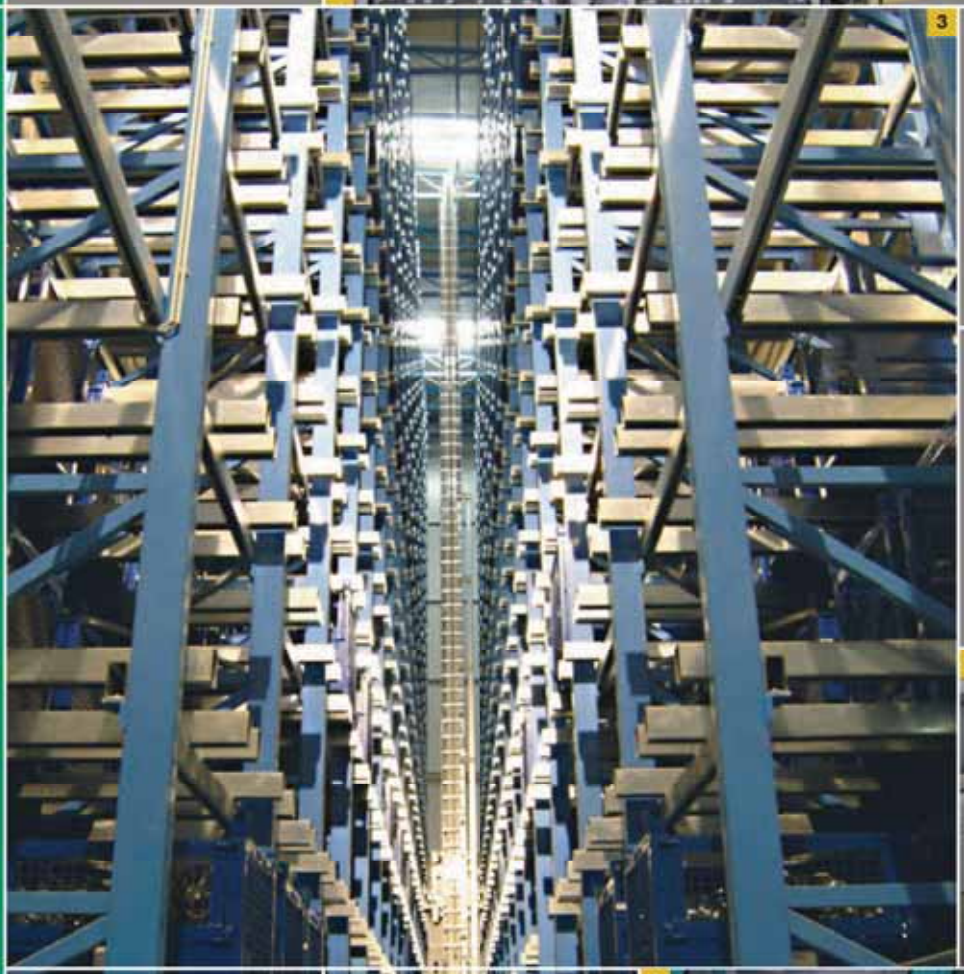
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Parte del reparto interno di montaggio **Part of assembly department** 1

Baie di carico/scarico del magazzino automatico **Loading/unloading zones of automatic storage system** 2

Magazzino automatizzato **Automatic storage** 3

Ricerca e Sviluppo (Test sperimentali) **Research and Development (Lab. test)** 4

Alcune stazioni di collaudo **Some test benches** 5

Uno dei Robot di carico **One of the Robots** 6

Lavorazione dei carter pompa **Machining of pump casing** 7

Uno dei centri di lavoro **One of the machining center** 8

Controllo qualità **Quality control** 9

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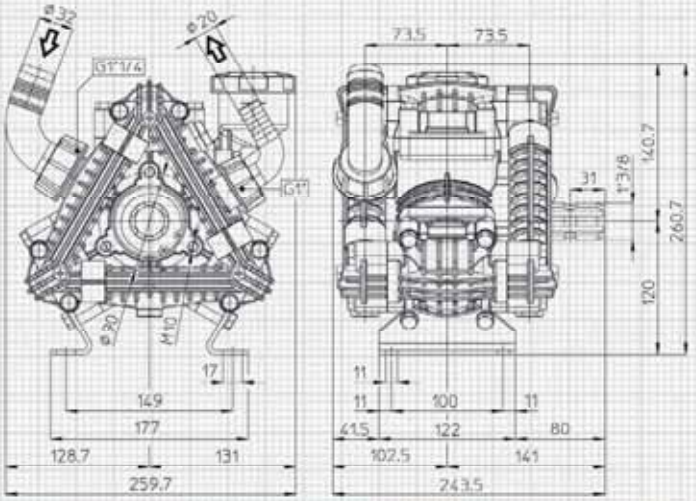
pompe a membrana bassa pressione | low pressure diaphragm pumps

ZETA 70

max. 71 l/min - 19 GPM • 20 bar - 290 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

Per le dimensioni degli Alberi P. di F. vedi pag. 35

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applicazioni shaft adaptors


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MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				
		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*		Peso *Weight*
		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
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
	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	

pompe a membrana bassa pressione | low pressure diaphragm pumps

ZETA-P 40
max. 44 l/min - 12 GPM • 20 bar - 290 PSI • 550 RPM

ZETA-P 85
max. 85 l/min - 23 GPM • 20 bar - 290 PSI • 550 RPM

ZETA-P 100
max. 98 l/min - 26 GPM • 20 bar - 290 PSI • 550 RPM

TESTATE a base di resina poliestere
Polyester resin-based HEADS

DISEGNO ZETA-P 40 E ZETA-P 85: VEDI PAG.10
ZETA-P 40 AND ZETA-P 85 DRAWING: SEE PAGE 10
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ZETA-P 40
ZETA-P 85

ZETA-P 100

alberi P. di F. disponibili available P.T.O. shaft

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Solo/*Only* **ZETA-P85 / ZETA-P100**

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Solo/*Only* **ZETA-P85 / ZETA-P100**

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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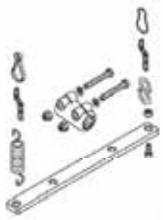

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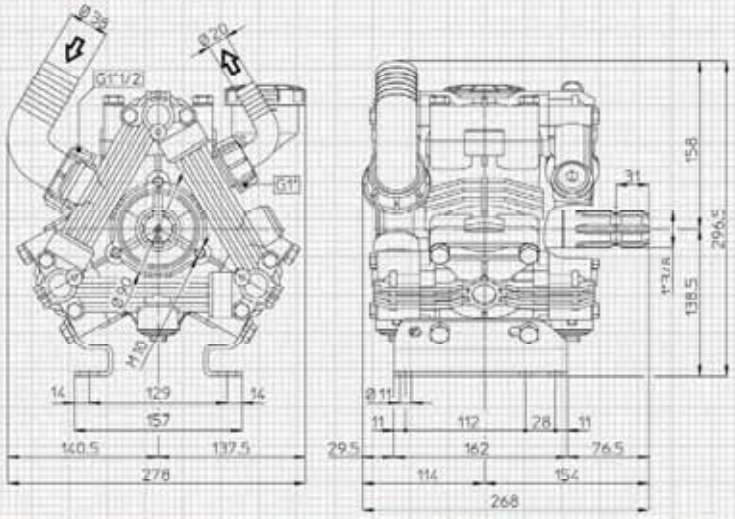
RIDUTTORI 15
Vedi pag. 42
GEAR REDUCTIONS 15
See page 42

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
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
	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
	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	85.0	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	
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
	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	

ZETA 85

max. 85 l/min - 23 GPM • 20 bar - 290 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

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Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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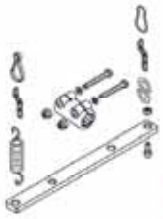

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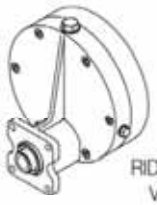


RIDUTTORI 15
Vedi pag. 42

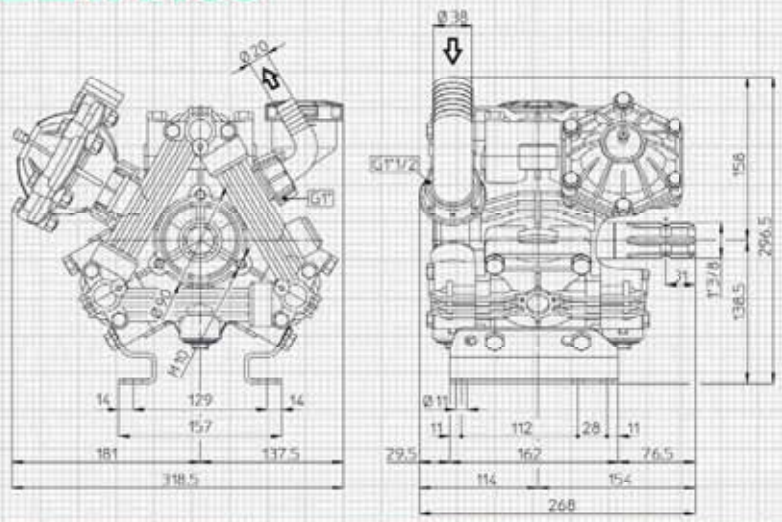
GEAR REDUCTIONS 15
See page 42

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
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
	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	0.8	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	

pompe a membrana bassa pressione | low pressure diaphragm pumps

ZETA 100

max. 98 l/min - 26 GPM • 20 bar - 290 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

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Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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RIDUTTORI **15**
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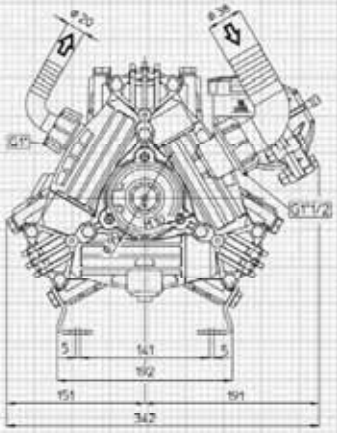
GEAR REDUCTIONS **15**
See page 42

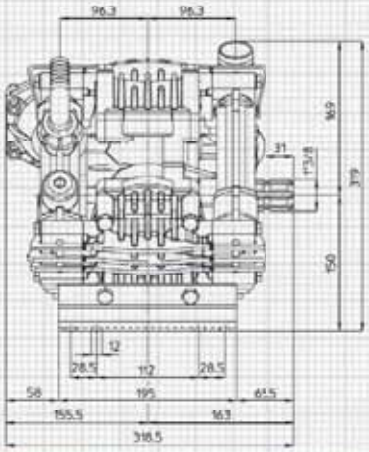
MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg
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
	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	

pompe a membrana bassa pressione | low pressure diaphragm pumps

ZETA 120
max. 116 l/min - 31 GPM • 20 bar - 290 PSI • 550 RPM

ZETA 140
max. 135 l/min - 36 GPM • 20 bar - 290 PSI • 550 RPM





alberi P. di F. disponibili available P.T.O. shaft

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Solo/*Only* **ZETA 120**

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Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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RIDUTTORI **15**
Vedi pag. 42

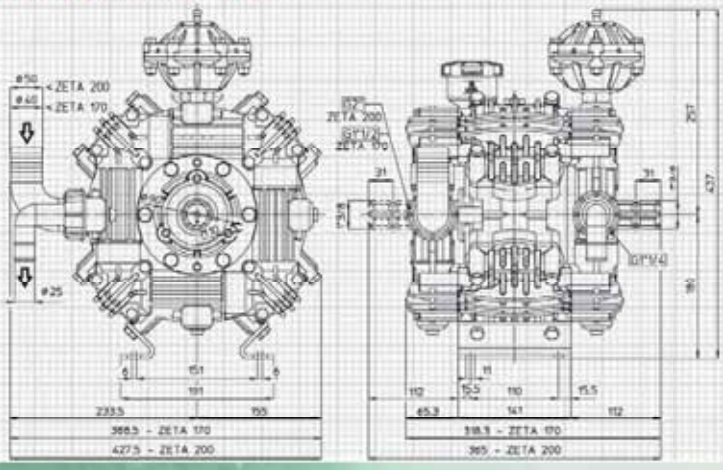
GEAR REDUCTIONS **15**
See page 42

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				
		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*		Peso *Weight*
		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
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	
	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	18
	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	
	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	18
	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	

pompe a membrana bassa pressione | low pressure diaphragm pumps

ZETA 170
max. 170 l/min - 45 GPM • 20 bar - 290 PSI • 550 RPM

ZETA 200
max. 198 l/min - 53 GPM • 20 bar - 290 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

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Solo/*Only* **ZETA 170**

MI

TS 2C

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Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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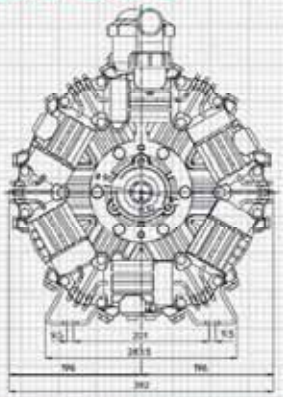
MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso *Weight*
		Portata *Flow rate*		Potenza *Power*		Portata *Flow rate*		Potenza *Power*		Portata *Flow rate*		Potenza *Power*		Portata *Flow rate*		Potenza *Power*		Portata *Flow rate*		Potenza *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
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
	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	
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
	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	

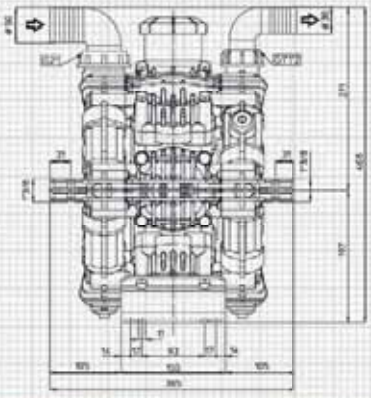
pompe a membrana bassa pressione | low pressure diaphragm pumps

ZETA 230
max. 228 l/min - 61 GPM • 20 bar - 290 PSI • 550 RPM

ZETA 260
max. 256 l/min - 68 GPM • 20 bar - 290 PSI • 550 RPM

ZETA 300
max. 295 l/min - 78 GPM • 20 bar - 290 PSI • 550 RPM





alberi P. di F. disponibili available P.T.O. shaft

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Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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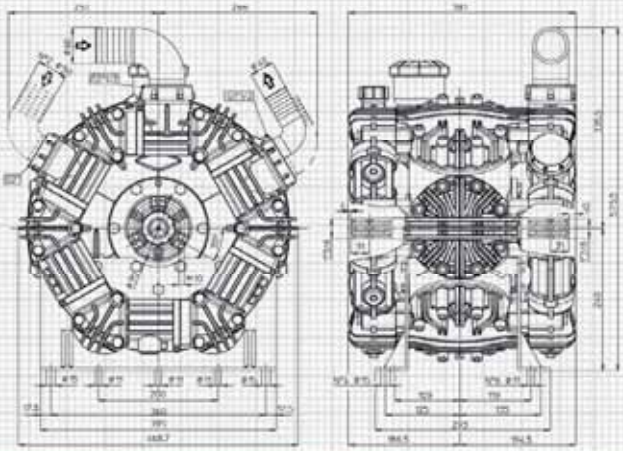
MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				Peso Weight
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg
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
	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
	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
	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	

pompe a membrana bassa pressione | low pressure diaphragm pumps

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



alberi P. di F. disponibili available P.T.O. shaft

Solo/*Only* **ZETA 350**

Per le dimensioni degli Alberi P. di F. vedi pag. 35

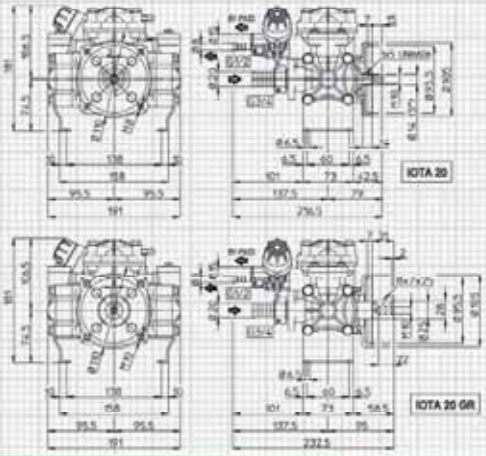
For P.T.O. Shaft dimensions see page 35

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
ZETA 350	400	251	66.3	2.5	1.8	247	65.3	4.9	3.6	244	64.5	7.0	5.1	242	63.9	9.7	7.1	240	63.4	12.6	9.3	70
	450	282	74.5	2.8	2.1	278	73.4	5.6	4.1	275	72.7	7.9	5.8	272	71.9	10.9	8.0	270	71.3	14.2	10.4	
	500	314	83.0	3.1	2.3	310	81.9	6.2	4.6	306	80.8	8.7	6.4	303	80.1	12.1	8.9	301	79.5	15.8	11.6	
	550	345	92.0	3.5	2.5	340	89.8	6.8	5.0	336	88.8	9.6	7.1	333	88.0	13.3	9.8	331	87.5	17.4	12.8	
ZETA 400	400	292	77.1	2.9	2.1	289	76.4	5.8	4.2	286	75.6	8.2	6.0	284	75.0	11.4	8.3	283	74.8	14.9	10.9	70
	450	328	86.7	3.3	2.4	324	85.6	6.5	4.8	321	84.8	9.2	6.7	319	84.3	12.8	9.4	318	84.0	16.7	12.3	
	500	364	96.2	3.6	2.7	360	95.1	7.2	5.3	357	94.3	10.2	7.5	355	93.8	14.2	10.4	354	93.5	18.6	13.7	
	550	400	106.0	4.0	2.9	396	104.6	7.9	5.8	393	103.8	11.2	8.3	391	103.3	15.6	11.5	390	103.0	20.5	15.1	

pompe a membrana bassa pressione | low pressure diaphragm pumps

IOTA 20
max. 19 l/min - 5 GPM • 20 bar - 290 PSI • 600 RPM

IOTA 25
max. 24 l/min - 7 GPM • 20 bar - 290 PSI • 600 RPM



alberi P. di F. disponibili available P.T.O. shaft

IOTA 20

3-9-10-15

IOTA 25 GR

1-4-14-15

applicazioni shaft adaptors

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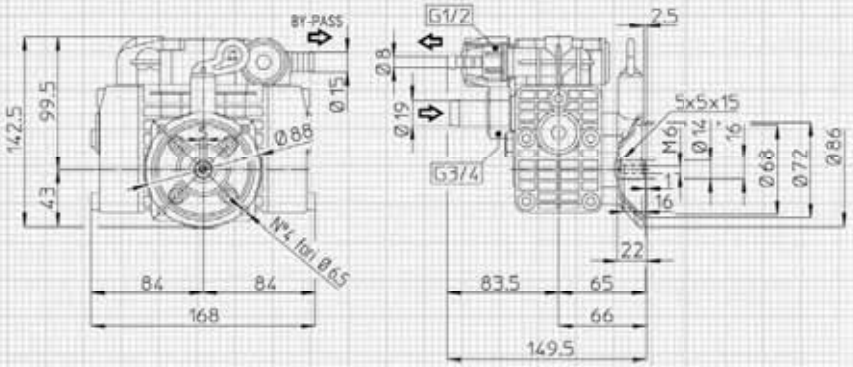
RIDUTTORI 15
Vedi pag. 42/43
GEAR REDUCTIONS 15
See page 42/43

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
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
	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
	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	

KAPPA 15 A

max. 16 l/min - 5 GPM • 20 bar - 290 PSI • 1450 RPM



alberi P. di F. disponibili available P.T.O. shaft

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applicazioni shaft adaptors

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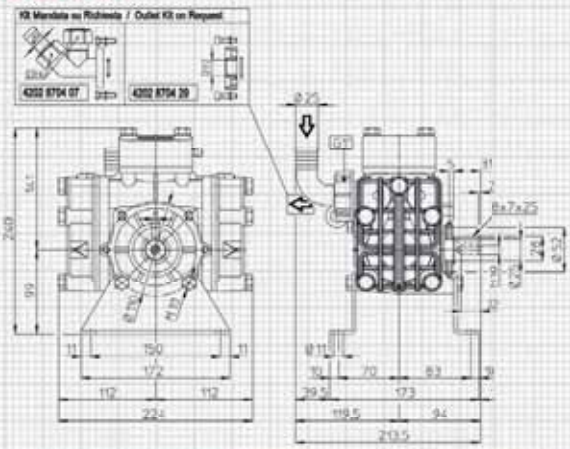
RIDUTTORI **15**
Vedi pag. 42
GEAR REDUCTIONS **15**
See page 42

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				15 bar / 217 PSI				20 bar / 290 PSI				
		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*		Peso *Weight*
		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
KAPPA 15 A	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
	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
max. 30 l/min - 8 GPM • 30 bar - 435 PSI • 550 RPM PM

KAPPA 32
max. 36 l/min - 10 GPM • 30 bar - 435 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

1-4-14-15

1-4-14-15

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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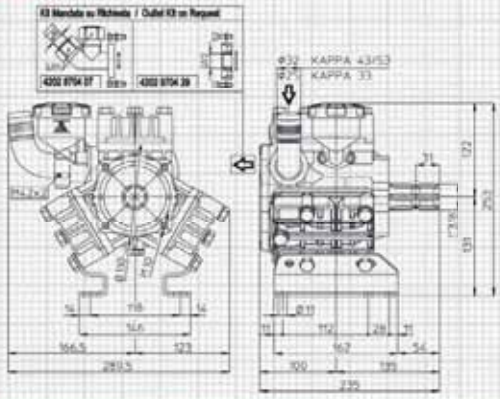
RIDUTTORI 15
Vedi pag. 42/43
GEAR REDUCTIONS 15
See page 42/43

MOD.	RPM	0 bar / 0 PSI				5 bar / 72 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				
		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*		Peso *Weight*
		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
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
	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	8.0	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
	450	31.0	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	10.0	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	

pompe a membrana alta pressione | high pressure diaphragm pumps

KAPPA 33 max. 33 l/min - 9 GPM • 40 bar - 580 PSI • 550 RPM
KAPPA 43 max. 46 l/min - 13 GPM • 40 bar - 580 PSI • 550 RPM
KAPPA 53 max. 55 l/min - 15 GPM • 40 bar - 580 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

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Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors


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RIDUTTORI 15
Vedi pag. 42/43

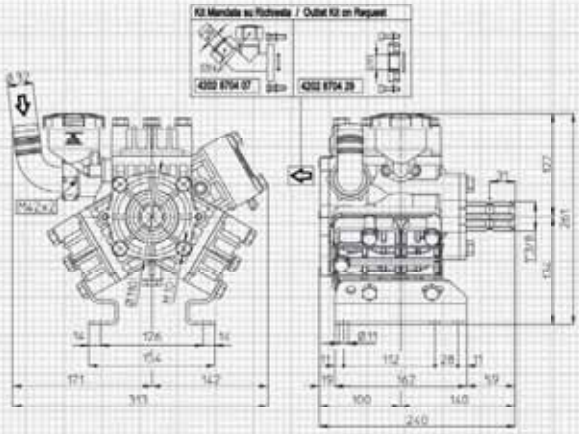
GEAR REDUCTIONS 15
See page 42/43

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				
		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*		Peso *Weight*
		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
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
	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
	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
	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	

pompe a membrana alta pressione | high pressure diaphragm pumps

KAPPA 55
max. 57 l/min - 15 GPM • 40 bar - 580 PSI • 550 RPM

KAPPA 65
max. 67 l/min - 18 GPM • 40 bar - 580 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

4-5-6-14-15

1

1 4-5-6-14-15

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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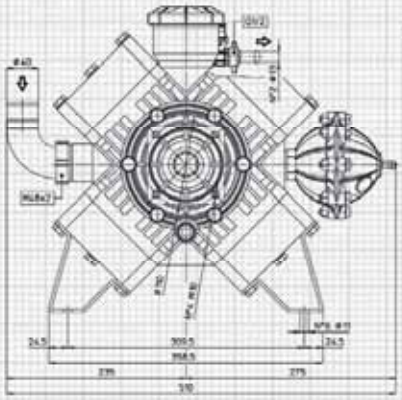
RIDUTTORI 15
Vedi pag. 42/43

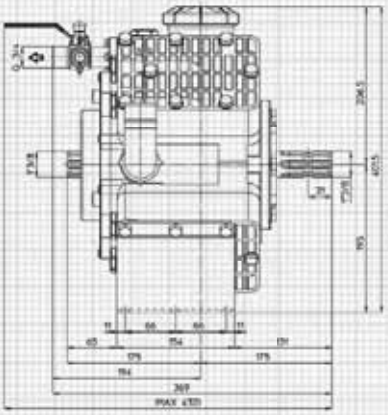
GEAR REDUCTIONS 15
See page 42/43

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
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
	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
	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	

KAPPA 121
max. 133 l/min - 36 GPM • 50 bar - 725 PSI • 550 RPM

KAPPA 151
max. 155 l/min - 41 GPM • 50 bar - 725 PSI • 550 RPM





alberi P. di F. disponibili available P.T.O. shaft

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

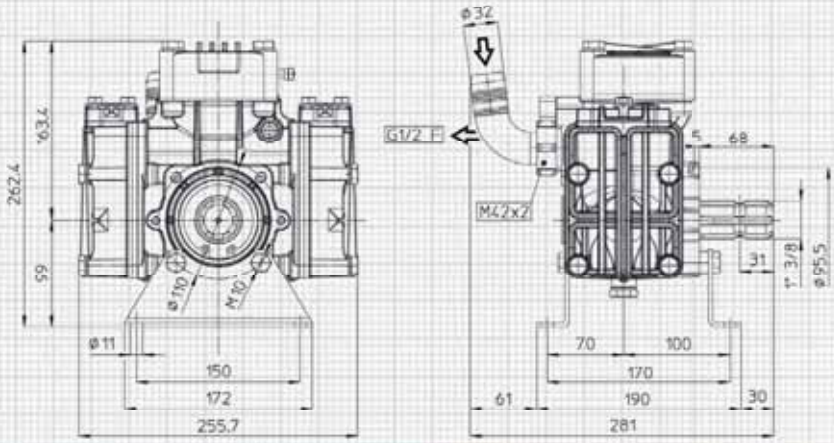
applicazioni shaft adaptors

RIDUTTORI 15
Vedi pag. 43
GEAR REDUCTIONS 15
See page 43

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				
		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*		Peso *Weight*
		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
KAPPA 121	400	100.7	26.6	1.0	0.7	95.4	25.2	5.0	3.7	93.8	24.8	7.3	5.4	92.5	24.4	9.5	7.0	91.3	24.1	11.7	8.6	43
	450	111.5	29.5	1.1	0.8	106.6	28.2	5.6	4.1	105.11	27.8	8.2	6.0	103.9	27.5	10.7	7.8	102.7	27.1	13.2	9.7	
	500	122.3	32.3	1.2	0.9	118.0	31.2	6.2	4.6	116.5	30.8	9.1	6.7	115.3	30.5	11.8	8.7	114.1	30.1	14.6	10.8	
	550	133.0	36.0	1.3	1.0	128.5	33.9	6.8	5.0	127.0	33.6	9.9	7.3	125.8	33.2	12.9	9.5	124.6	32.9	16.0	11.7	
KAPPA 151	400	117.5	31.0	1.2	0.9	114.1	30.1	6.0	4.4	112.9	29.8	8.8	6.5	112.1	29.6	11.5	8.5	111.5	29.5	14.3	10.5	43
	450	130.0	34.3	1.3	1.0	126.6	33.4	6.7	4.9	125.4	33.1	9.8	7.2	124.6	32.9	12.8	9.4	124.0	32.8	15.9	11.7	
	500	142.2	37.6	1.4	1.0	138.8	36.7	7.3	5.4	137.6	36.4	10.7	7.9	136.8	36.1	14.0	10.3	136.2	36.0	17.5	12.8	
	550	155.0	41.0	1.5	1.1	150.9	39.9	7.9	5.8	149.7	39.6	11.7	8.6	148.9	39.3	15.3	11.2	148.3	39.2	19.0	14.0	

DELTA 40
max. 49 l/min - 13 GPM • 40 bar - 580 PSI • 550 RPM

DELTA 50
max. 54 l/min - 15 GPM • 40 bar - 580 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft


1C
2


TS 1C
1 2


GR
1-4-14-15


TS FVA
1 4-5-14-15

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors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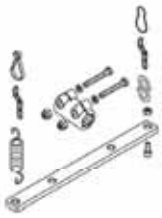
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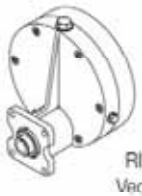
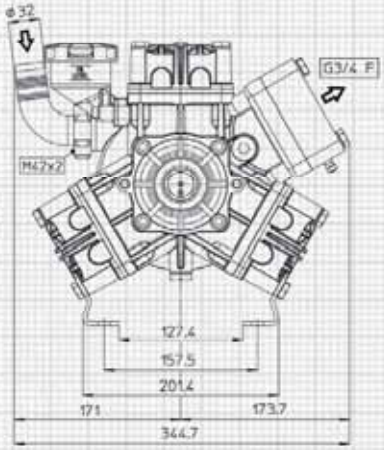
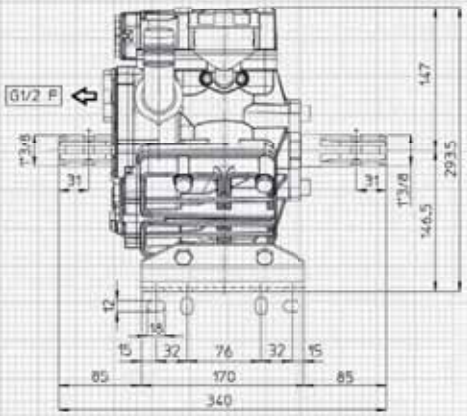

RIDUTTORI 15
Vedi pag. 42/43
GEAR REDUCTIONS 15
See page 42/43

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
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
	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
	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	

DELTA 75

max. 79 l/min - 21 GPM • 40 bar - 580 PSI • 550 RPM





alberi P. di F. disponibili available P.T.O. shaft

4-5-6-14-15

4-5-6-14-15

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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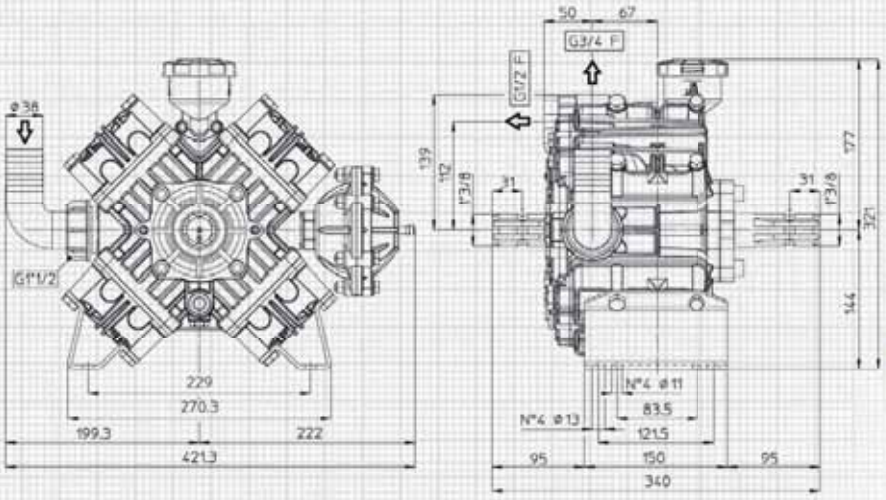
RIDUTTORI **15**
Vedi pag. 42/43

GEAR REDUCTIONS ***15***
See page 42/43

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
DELTA 75	400	60.4	16.0	0.6	0.4	58.9	15.6	1.7	1.2	58.5	15.5	3.1	2.3	58.1	15.4	4.5	3.3	57.7	15.2	5.9	4.3	19
	450	67.2	17.8	0.7	0.5	65.7	17.4	1.9	1.4	65.2	17.2	3.4	2.5	64.7	17.1	5.0	3.7	64.2	17.0	6.6	4.8	
	500	73.7	19.5	0.7	0.5	72.2	19.1	2.1	1.5	71.6	18.9	3.8	2.8	71.0	18.8	5.5	4.1	70.4	18.6	7.2	5.3	
	550	79.0	21.0	0.8	0.6	77.1	20.4	2.2	1.6	76.4	20.2	4.0	3.0	75.7	20.0	5.9	4.3	75.0	19.8	7.7	5.7	

DELTA 100

max. 104 l/min - 28 GPM • 40 bar - 580 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

4-5-6-14-15

4-5-6-14-15

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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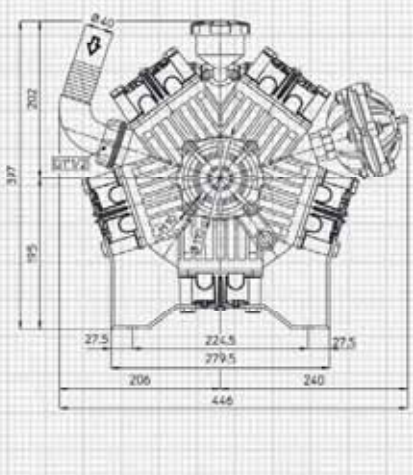
RIDUTTORI **15**
Vedi pag. 42/43

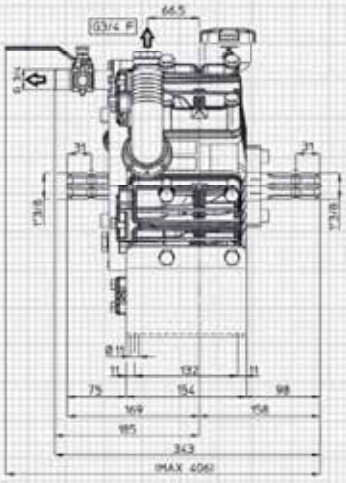
GEAR REDUCTIONS **15**
See page 42/43

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
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	
	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	22
	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	

DELTA 125

max. 126 l/min - 34 GPM • 40 bar - 580 PSI • 550 RPM





alberi P. di F. disponibili available P.T.O. shaft

4-5-14-15

4-5-14-15

Per le dimensioni degli Alberi P. di F. vedi pag. 35

For P.T.O. Shaft dimensions see page 35

applicazioni shaft adaptors

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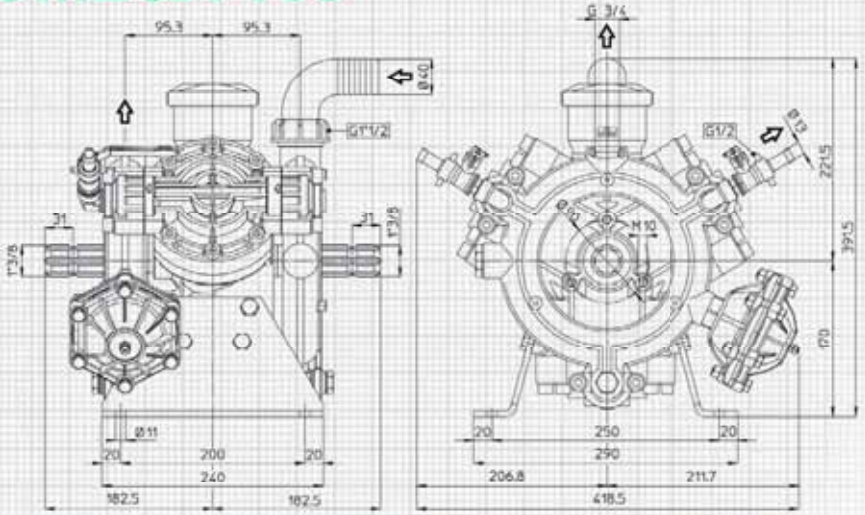
RIDUTTORI **15**
Vedi pag. 43

GEAR REDUCTIONS ***15***
See page 43

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				
		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*		Peso *Weight*
		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
DELTA 125	400	95.6	25.3	1.0	0.7	92.0	24.3	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
	450	107.2	28.3	1.1	0.8	103.5	27.3	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	0.9	113.8	30.1	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	0.9	121.3	32.0	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	

OMEGA 135

max. 137 l/min - 37 GPM • 40 bar - 580 PSI • 550 RPM



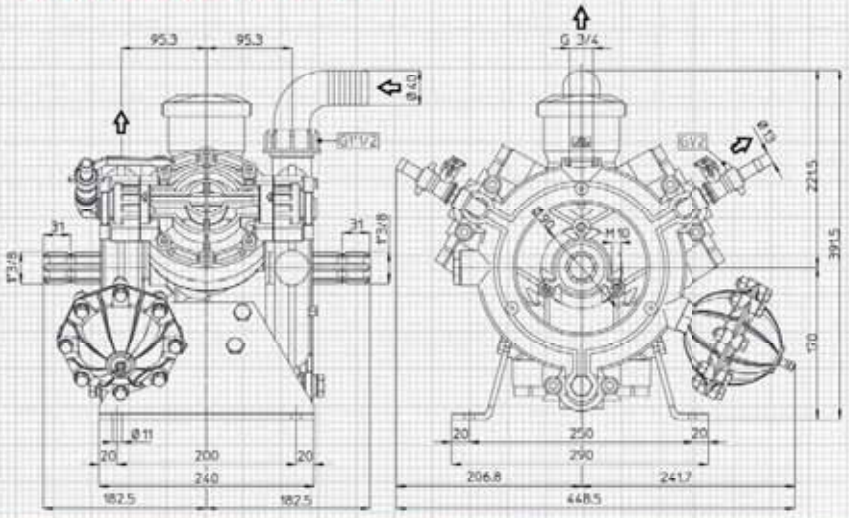
alberi P. di F. disponibili available P.T.O. shaft

TS 2C

MOD.	RPM	0 bar / 0 PSI				10 bar / 145 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				
		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*		Peso *Weight*
		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
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	29
	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	

OMEGA 139

max. 137 l/min - 37 GPM • 50 bar - 725 PSI • 550 RPM

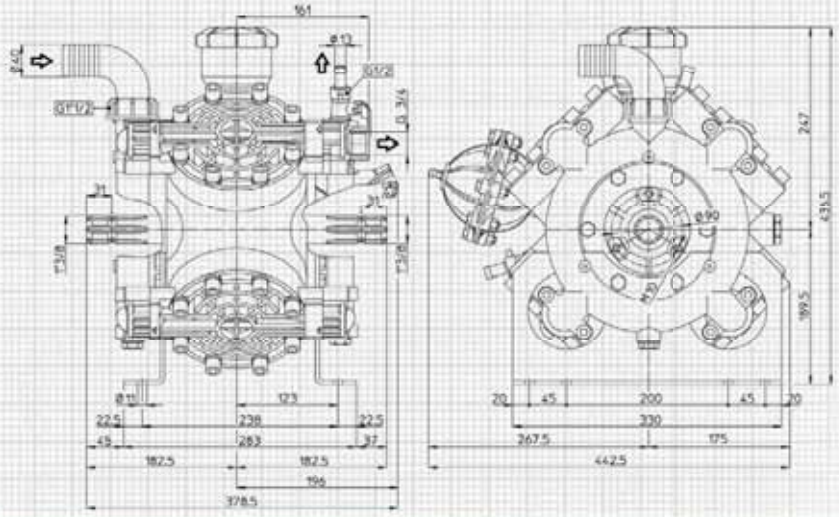


alberi P. di F. disponibili available P.T.O. shaft

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				
		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*		Peso *Weight*
		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
OMEGA 139	400	101.8	26.9	1.0	0.7	98.5	26.0	5.2	3.8	97.4	25.7	7.6	5.6	96.3	25.4	9.9	7.3	95.3	25.2	12.2	9.0	29
	450	113.6	30.0	1.1	0.8	110.0	29.1	5.8	4.3	108.9	28.8	8.5	6.2	107.8	28.5	11.1	8.1	106.8	28.2	13.7	10.1	
	500	126.8	33.5	1.3	0.9	121.2	32.0	6.4	4.7	120.1	31.7	9.4	6.9	119.0	31.4	12.2	9.0	118.0	31.2	15.1	11.1	
	550	137.0	37.0	1.4	1.0	132.2	34.9	7.0	5.1	131.1	34.6	10.2	7.5	130.0	34.3	13.3	9.8	129.0	34.1	16.5	12.2	

OMEGA 170

max. 177 l/min - 47 GPM • 50 bar - 725 PSI • 550 RPM



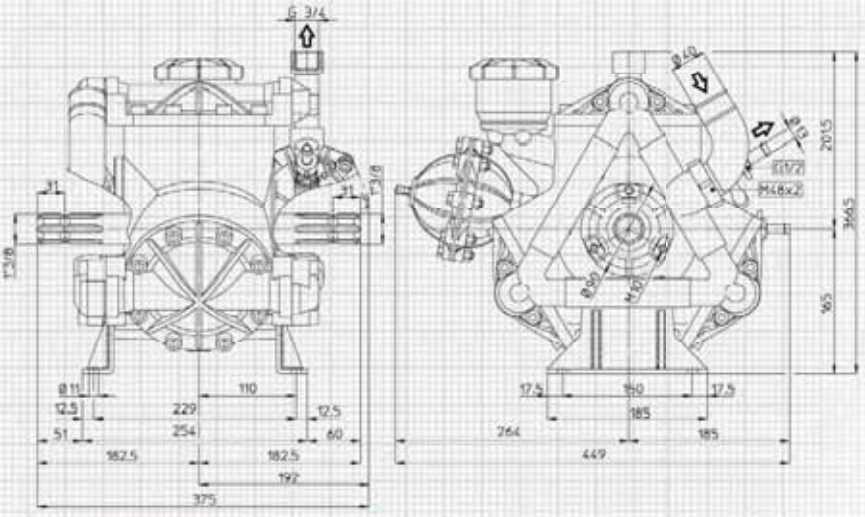
alberi P. di F. disponibili available P.T.O. shaft

TS 2C

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				
		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*		Peso *Weight*
		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
OMEGA 170	400	134.3	35.5	1.3	1.0	130.7	34.5	6.9	5.1	130.0	34.3	10.1	7.4	129.3	34.2	13.3	9.7	128.6	34.0	16.5	12.1	46
	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	

BETA 110

max. 128 l/min - 34 GPM • 50 bar - 725 PSI • 550 RPM



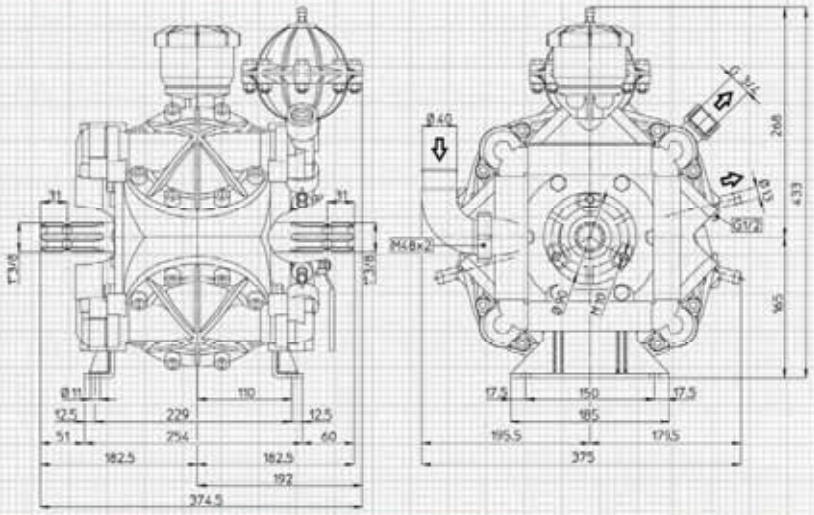
alberi P. di F. disponibili available P.T.O. shaft

TS 2C

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				
		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*		Peso *Weight*
		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
BETA 110	400	96.0	25.4	1.0	0.7	93.0	24.6	4.9	3.6	92.6	24.5	7.2	5.3	92.2	24.4	9.5	7.0	91.8	24.3	11.8	8.7	45
	450	107.5	28.4	1.1	0.8	104.3	27.6	5.5	4.0	103.8	27.4	8.1	5.9	103.3	27.3	10.6	7.8	102.8	27.2	13.2	9.7	
	500	118.2	31.2	1.2	0.9	114.5	30.3	6.0	4.4	114.0	30.1	8.9	6.5	113.5	30.0	11.6	8.6	113.0	29.9	14.5	10.6	
	550	128.0	34.0	1.3	0.9	123.0	32.5	6.5	4.8	122.5	32.4	9.5	7.0	122.0	32.2	12.5	9.2	121.5	32.1	15.6	11.4	

BETA 150

max. 170 l/min - 45 GPM • 50 bar - 725 PSI • 550 RPM



alberi P. di F. disponibili available P.T.O. shaft

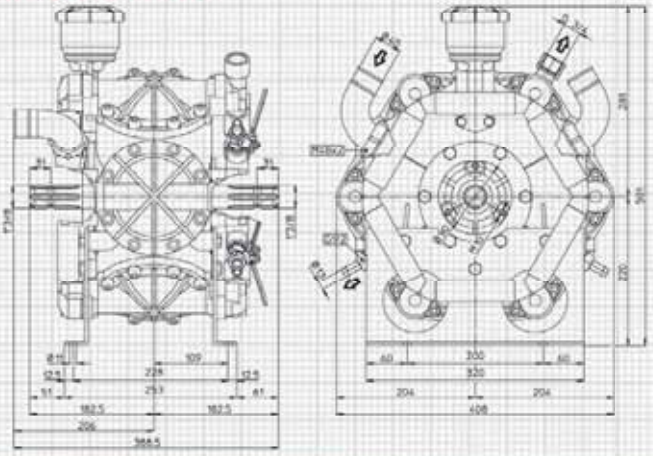
TS 2C

MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				
		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*		Peso *Weight*
		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
BETA 150	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
	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	

pompe a membrana alta pressione | high pressure diaphragm pumps

BETA 200
max. 218 l/min - 58 GPM • 50 bar - 725 PSI • 550 RPM

BETA 240
max. 243 l/min - 65 GPM • 50 bar - 725 PSI • 550 RPM



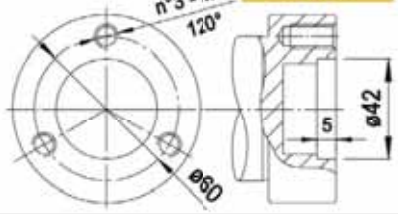
alberi P. di F. disponibili available P.T.O. shaft

TS 2C

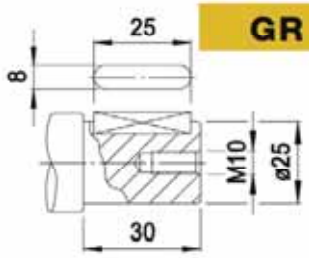
MOD.	RPM	0 bar / 0 PSI				20 bar / 290 PSI				30 bar / 435 PSI				40 bar / 580 PSI				50 bar / 725 PSI				Peso Weight
		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		Portata Flow rate		Potenza Power		
		l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	l/min	GPM	HP	kW	Kg
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
	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
	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	

1C

VA

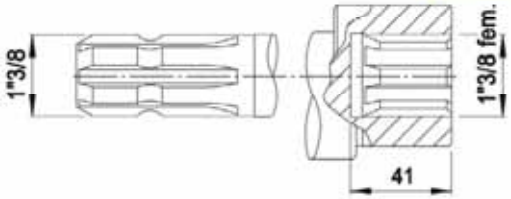


GR

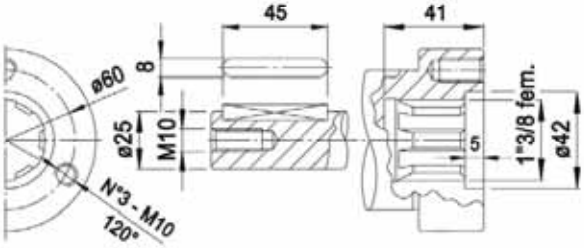


TS 2C

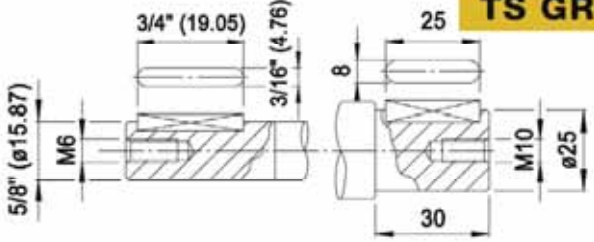
TS MF



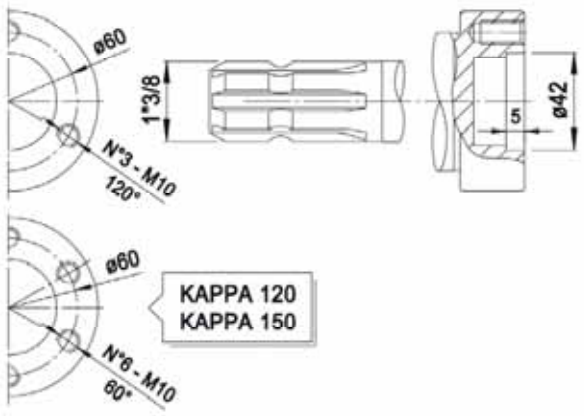
TS FVA



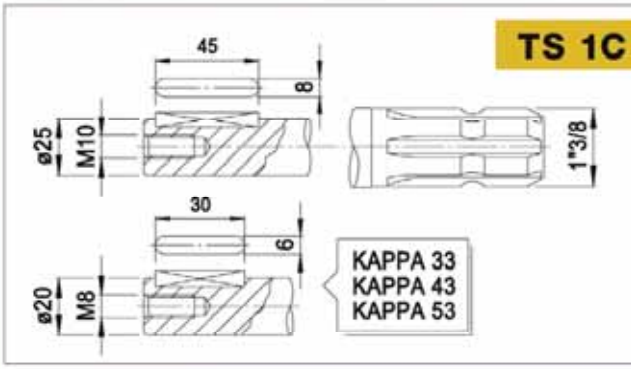
TS GR



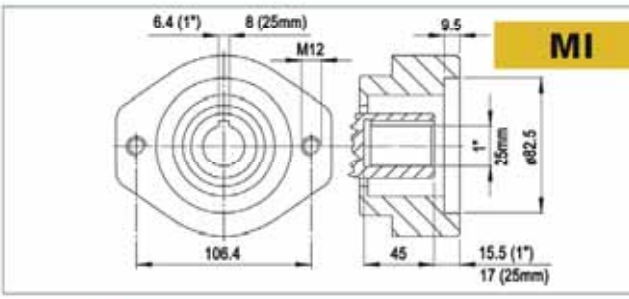
TS VA



TS 1C

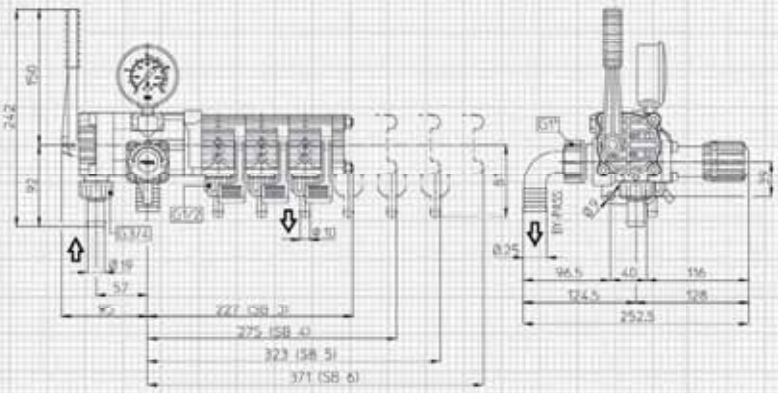


MI



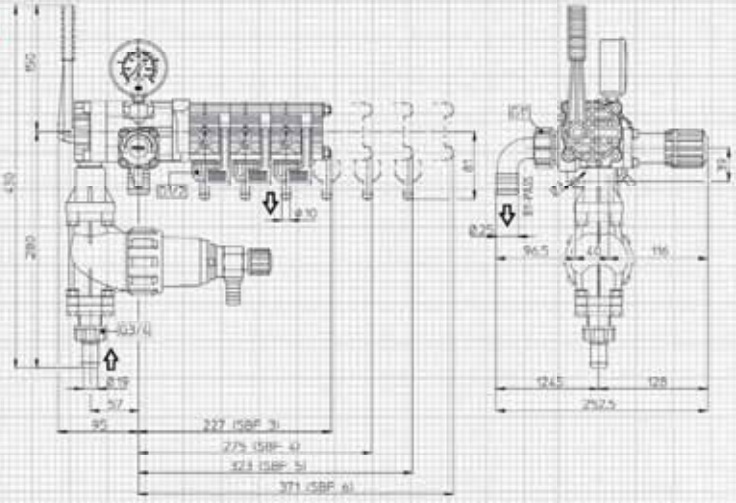
gruppi comando control units

SB



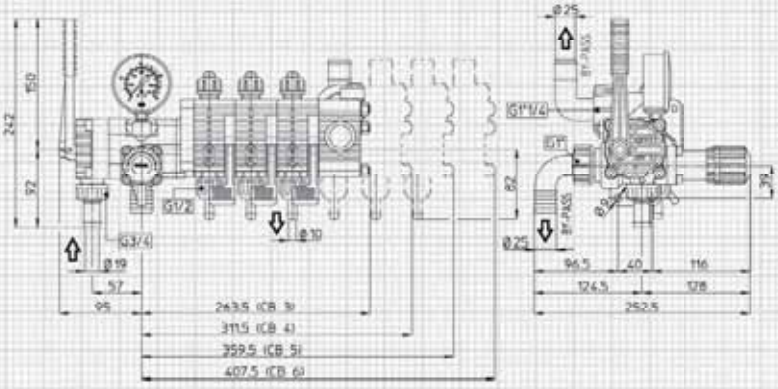
SB	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	120	32	20	290	3 / 4 / 5 / 6					ZETA 70 - ZETA 85 - ZETA 100 ZETA 120 - ZETA 140

SBF



SBF	Portata *Flou rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modulo pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	120	32	20	290	3 / 4 / 5 / 6				•	ZETA 70 - ZETA 85 - ZETA 100 ZETA 120 - ZETA 140

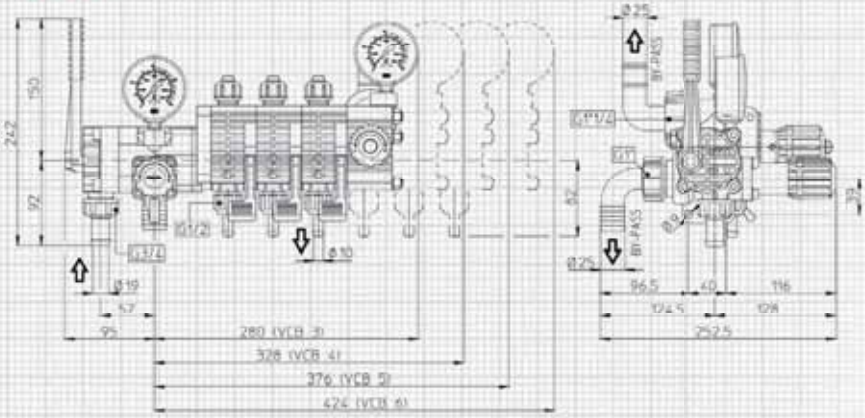
CB



CB	Portata *Flou rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modulo pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	120	32	20	290	3 / 4 / 5 / 6			•		ZETA 70 - ZETA 85 - ZETA 100 ZETA 120 - ZETA 140

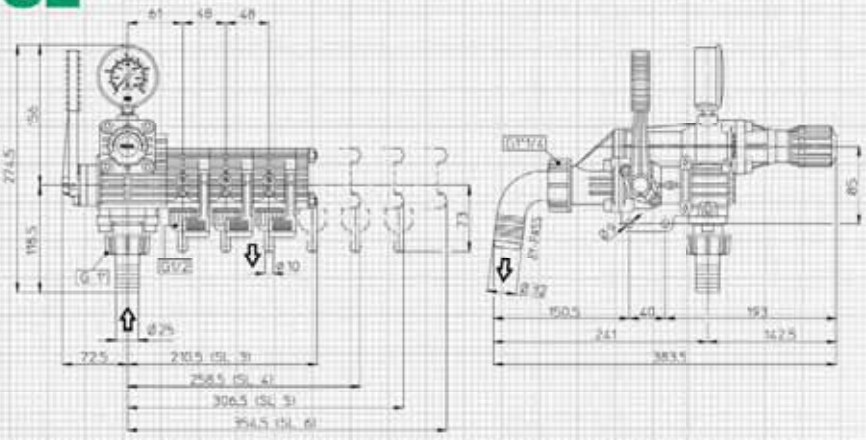
gruppi comando control units

VCB



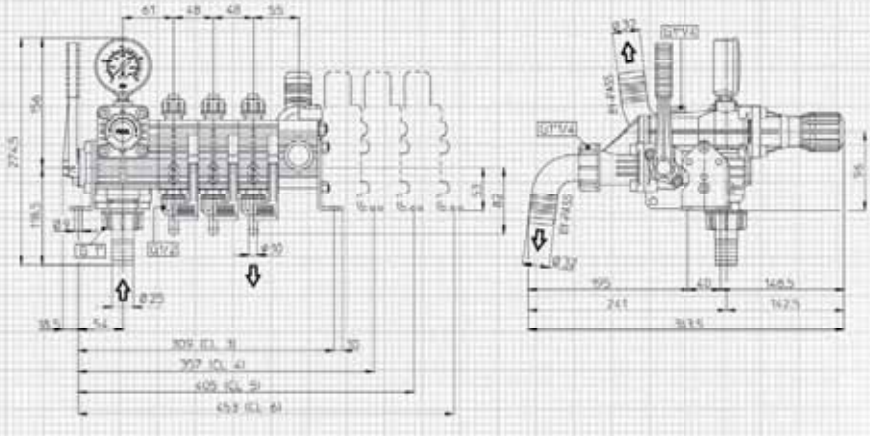
VCB	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	120	32	20	290	3 / 4 / 5 / 6		●	●		ZETA 70 - ZETA 85 - ZETA 100 ZETA 120 - ZETA 140

SL



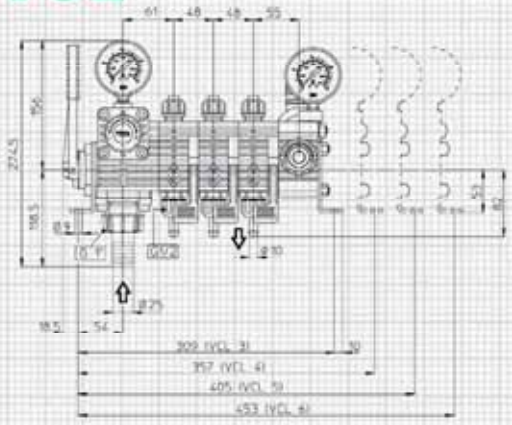
SL	Portata *Flou rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modulo pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	250	66	20	290	3 / 4 / 5 / 6	●				ZETA 70 - ZETA 85 - ZETA 100 - ZETA 120 - ZETA 140 - ZETA 170 - ZETA 200 - ZETA 230 - ZETA 280

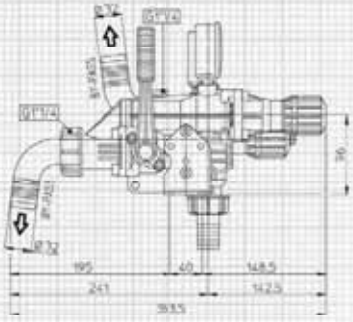
CL



CL	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	250	66	20	290	3 / 4 / 5 / 6	●		●		ZETA 70 - ZETA 85 - ZETA 100 - ZETA 120 - ZETA 140 - ZETA 170 - ZETA 200 - ZETA 230 - ZETA 280

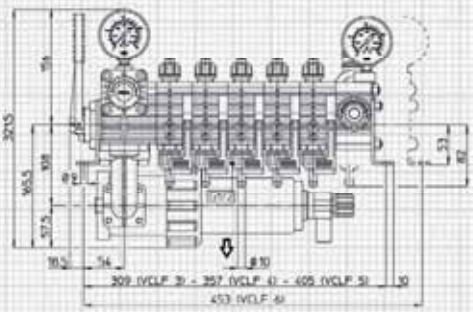
VCL

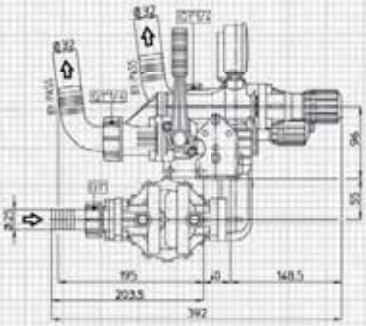




VCL	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modulo pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	250	66	20	290	3 / 4 / 5 / 6	●	●	●		ZETA 70 - ZETA 85 - ZETA 100 - ZETA 120 - ZETA 140 - ZETA 170 - ZETA 200 - ZETA 230 - ZETA 260

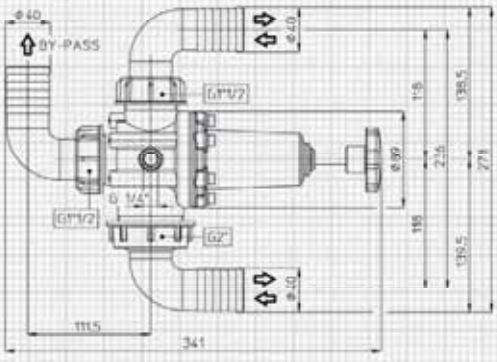
VCLF





VCLF	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Risucchio *Suck. Back*	Volumetrico *Volum. Valve*	Rub. Compens *Compen. Outlet*	Filtro 50 mesh *Press. Filter*	Indicato per modulo pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI						
	250	66	20	290	3 / 4 / 5 / 6	●	●	●	●	ZETA 70 - ZETA 85 - ZETA 100 - ZETA 120 - ZETA 140 - ZETA 170 - ZETA 200 - ZETA 230 - ZETA 260

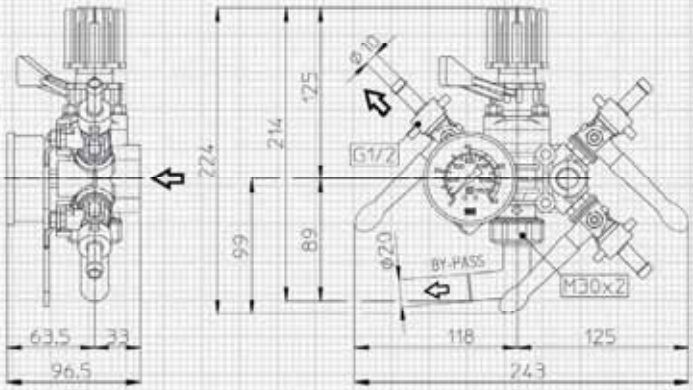
VRG 400



VRG 400	Portata *Flow rate*		Pressione *Pressure*		Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI	
	400	106	20	290	ZETA 170 - ZETA 200 - ZETA 230 - ZETA 260 - ZETA 300 ZETA 350 - ZETA 400

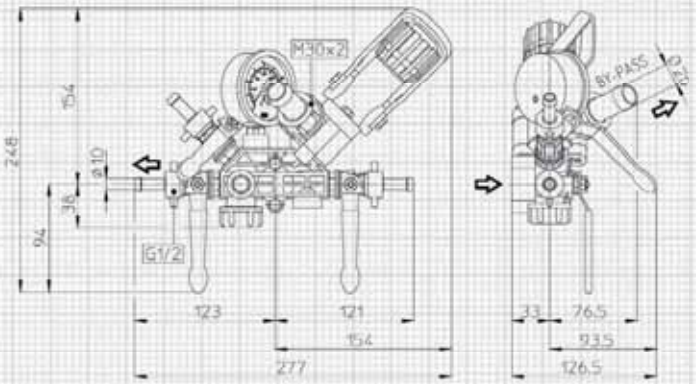
gruppi comando
control units

DL



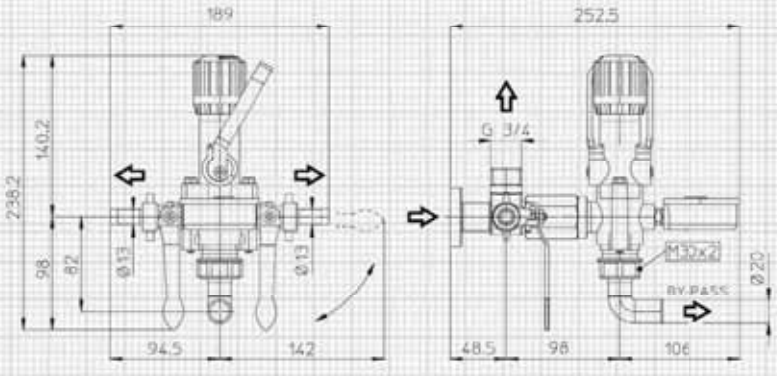
DL	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI		
	100	27	20/30/40	290/435/580	2 / 3 / 4	ZETA 70 - ZETA 85 - ZETA 100 - ZETA 120 - KAPPA 25 - KAPPA 32 - DELTA 40 - DELTA 50 KAPPA 33 - KAPPA 43 - KAPPA 53 - KAPPA 55 - KAPPA 65 - DELTA 75 - DELTA 100

DS



DS	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI		
	100	27	20/30/40	290/435/580	2 / 3 / 4	ZETA 70 - ZETA 85 - ZETA 100 - ZETA 120 - KAPPA 25 - KAPPA 32 - DELTA 40 - DELTA 50 KAPPA 33 - KAPPA 43 - KAPPA 53 - KAPPA 55 - KAPPA 65 - DELTA 75 - DELTA 100

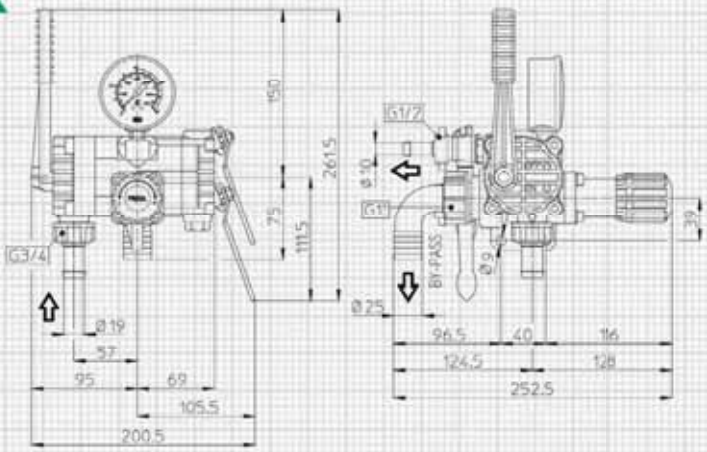
HF



HF	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI		
	120	32	40	580	3	KAPPA 53 – KAPPA 55 – KAPPA 65 DELTA 75 – DELTA 100 – DELTA 125

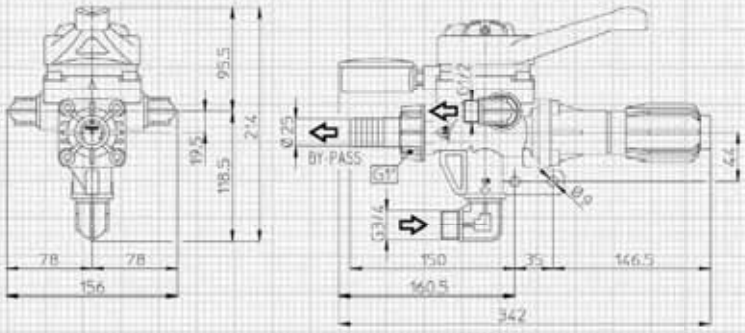
gruppi comando control units

ZX



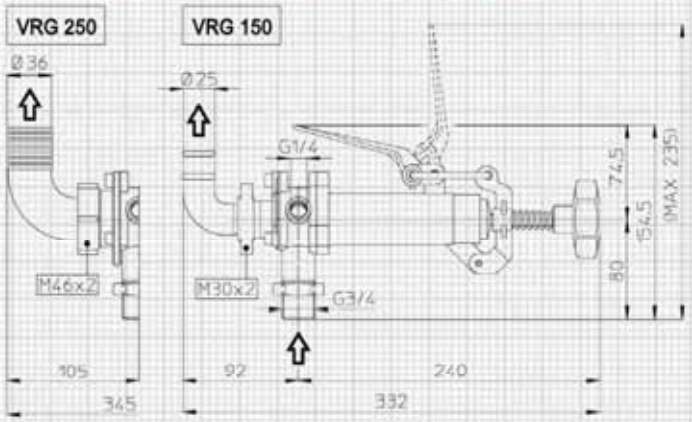
ZX	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI		
	120	32	20/40/50/60	290/580/725/870	3 / 4	ZETA 70 - ZETA 85/100 - ZETA 120/140 - KAPPA 25/32 - DELTA 40/50 - KAPPA 33/43/53 - KAPPA 55/65 - DELTA 75 - DELTA 100 - DELTA 125 - KAPPA 121 - OMEGA 135 - BETA 110

UHP



UHP	Portata *Flow rate*		Pressione *Pressure*		N° mandate *Nbr. of outlets*	Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI		
	170	45	50	725	2	KAPPA 121 - DELTA 125 - KAPPA 151 - OMEGA 135 - OMEGA 139 - OMEGA 170 BETA 110 - BETA 150

VRG 150 / VRG 250



	Portata *Flow rate*		Pressione *Pressure*		Indicato per modello pompa *Suggested for Pump models*
	l/min	GPM	bar	PSI	
VRG 150	150	40	80	1200	KAPPA 121 - DELTA 125 - KAPPA 151 - OMEGA 135 - OMEGA 139 - OMEGA 170 - BETA 110 - BETA 150
VRG 250	250	66	80	1200	BETA 200 - BETA 240

		Tipo di Riduttore *Gear reductions type*	Rapporto Riduzione *Reduction Ratio*	Modello Pompa / *Pump Model*																		
				ZETA-P40 VA	ZETA-P85 VA	ZETA-P100 VA	ZETA 85 VA	ZETA 100 VA	ZETA 120 VA	IOTA 20	IOTA 25 GR	KAPPA 15	KAPPA 25 GR	KAPPA 32 GR	DELTA 40 GR	DELTA 50 GR	KAPPA 33 GR	KAPPA 43 GR	KAPPA 53 GR	KAPPA 55 VA	KAPPA 65 VA	DELTA 75 VA	DELTA 100 VA
Per motori elettrici *For electric motors*	1	**E127-24GR** 507453 HP2÷2.5 - D=24 mm	2.778:1								☻		☻	☻									
		E127-28VA 503153 HP3÷5.5 - D=28 mm	2.778:1																	☻	☻	☻!	☻!
		E127-28VAZ 5116H1 HP3÷5.5 - D=28 mm	2.778:1	☻!	☻!	☻!	☻	☻	☻!														
		E127-28GR 507053 HP3÷5.5 - D=28 mm	2.778:1												☻	☻	☻	☻	☻				
Per motori a scoppio benzina e diesel *For diesel and gasoline engines*	2	**S124-15H** 5049E1 Honda GX 100 HP3 - D=15 mm	2.375:1									☻											
		S124-5/8" 5050E2 B&S HP2 - D=5/8"	2.375:1									☻											
		S124-5/8"Q 5065D9 Honda HP2 - D=5/8" (Q)	2.375:1									☻											
		S124-3/4" 5047D7 B&S HP3 - D=3/4"	2.375:1									☻											
	3	**S135** 5046D0 CM 46 - HP2	3.5:1									☻											
	4	**S162** 501432 CM 46 - HP2	6.25:1							☻													
	5	**S151-15H** 5090B0 Honda GX 100 HP3 - D=15 mm	5:1							☻													
		S151-15GRH 5089F7 Honda GX 100 HP3 - D=15 mm	5:1								☻		☻	☻									
		S151-18GRH 5114G7 Honda GX 120 HP4 - D=18 mm	5:1								☻		☻	☻									
		S151-5/8" 509274 HP3 - D=5/8"	5:1							☻													
		S151-5/8" GR 5088F7 HP3 - D=5/8"	5:1								☻		☻	☻									
		S151-5/8"H 5091D9 Honda GX 100 HP3 - D=5/8"	5:1							☻													
		S151-5/8"GRH 5093D9 Honda GX 100 HP3 - D=5/8"	5:1								☻		☻	☻									
		S151-3/4" 509476 HP3.5 - D=3/4"	5:1							☻													
		S151-3/4"GR 5085F7 HP3.5 - D=3/4"	5:1								☻		☻	☻									
	6	**S165-GR** 507256 CM90 – HP 3.5	6.555:1								☻		☻										
	7	**S160-3/4"VA** 502775 HP5.5 – D=3/4"	6:1																	☻!	☻!	☻!	☻!
		S160-3/4"GR 507175 HP5.5 – D=3/4"	6:1												☻	☻	☻	☻	☻!				
		S160-3/4"VAZ 508275 HP5.5 – D=3/4"	6:1	☻!	☻!	☻!	☻	☻	☻!														
		S160-20VAZ 511375 HP6.5 – D=20	6:1	☻!	☻!	☻!	☻	☻	☻!														

Modello Pompa / *Pump Model*

		Tipo di Riduttore *Gear reductions type*	Rapporto Riduzione *Reduction Ratio*	KAPPA 25 GR	DELTA 40 GR	DELTA 50 GR	KAPPA 33 GR	KAPPA 43 GR	KAPPA 53 GR	KAPPA 55 VA	KAPPA 65 VA	DELTA 75 VA	DELTA 100 VA	DELTA 125 VA	KAPPA 121 TS VA	KAPPA 151 TS VA
Per motori a scoppio benzina e diesel *For diesel and gasoline engines*	7	**S160-20VA** 506975 HP6.5 – D=20 mm	6:1							☻!	☻!	☻!	☻!			
		S160-20GR 507575 HP6.5 – D=20 mm	6:1		☻	☻	☻	☻	☻!							
		S160-VAC 5106G4 HP5.5 – D=23 mm Conic.	6:1							☻!	☻!	☻!	☻!			
		S160-GRC 5081F6 HP5.5 – D=23 mm Conic.	6:1		☻	☻	☻	☻	☻!							
	8	**M164-1"VA** 5033A4 HP8÷16 – D=1"	6.4:1							☻	☻	☻	☻	☻		
		M164-1"GR 5086F6 HP8÷16 – D=1"	6.4:1						☻							
		M164-1"L 5084A5 Lomb. 6LD400 HP8÷16 – D=1"	6.4:1							☻	☻	☻	☻	☻		
		M164-C 5032A5 HP8÷16 – D=23 mm Conic.	6.4:1							☻	☻	☻	☻	☻		
	9	**M162-1"VA** 5034B5 B&S HP18-D=1" Corto/Short	6.25:1												☻	☻

! 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.


1 E 127


2 S 124


3 S 135


4 S 162


5 S 151


6 S 165


7 S 160


8 M 164


9 M 162


10 MTP 138

Modello Pompa / *Pump Model*

		Tipo di Moltiplicatore *Multiplier Gear Box type*	Rapporto di Moltiplic. *Moltiplic. 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	ZETA 400 TS 2C
*	10	**MTP 138** 5103G3 HP 13.6 - Conic. 1:8	1:3,8	☻	☻	☻	☻	☻	☻	☻

* Per pompa idraulica Gr.2 con albero cavo conico 1:8 / *For hydraulic pump Gr.2 with 1:8 conical hollow shaft*

Motori disponibili - *Available engines*			
Modello Pompa *Pump Model*	Tipo Motore *Engine Type*	Potenza Motore *Engine Power*	Alimentazione *Fuel Type*
KAPPA 15/A	CM CM 46	2 HP 1.5 kW	MISCELA GASOL. + OIL
	B & S 550 SERIES	4 HP 3 kW	BENZINA GASOLINE
IOTA 20	CM CM 46	2 HP 1.5 kW	MISCELA GASOL. + OIL
	B & S 550 SERIES	4 HP 3 kW	BENZINA GASOLINE
IOTA 25	B & S 550 SERIES	4 HP 3 kW	BENZINA GASOLINE
KAPPA 25	B & S 550 SERIES	4 HP 3 kW	BENZINA GASOLINE
KAPPA 32	B & S VANGUARD	6.5 HP 4.8 kW	BENZINA GASOLINE
DELTA 40	HONDA GX 160	5.5 HP 4 kW	BENZINA GASOLINE
	B & S VANGUARD	6.5 HP 4.8 kW	BENZINA GASOLINE
KAPPA 33	HONDA GX 120	4 HP 3 kW	BENZINA GASOLINE
	B & S VANGUARD	6.5 HP 4.8 kW	BENZINA GASOLINE
KAPPA 43	B & S VANGUARD	6.5 HP 4.8 kW	BENZINA GASOLINE

Motori disponibili - *Available engines*

Modello Pompa *Pump Model*	Tipo Motore *Engine Type*	Potenza Motore *Engine Power*	Alimentazione *Fuel Type*
KAPPA 65	B & S VANGUARD	9 HP 6.6 kW	BENZINA GASOLINE
	LOMBARDINI 15LD 400	10 HP 7.3 kW	DIESEL
DELTA 75	B & S VANGUARD	11 HP 8.1 kW	BENZINA GASOLINE
	HONDA GX 270	9 HP 6.6 kW	BENZINA GASOLINE
DELTA 100	B & S VANGUARD	13 HP 9.6 kW	BENZINA GASOLINE
	HONDA GX 340	11 HP 8.1 kW	BENZINA GASOLINE

Modello pompa *Pump Model*	Tipo Motore *Engine Type*	Forma Motore *Motor Flange*	Potenza Motore *Engine Power*	Alimentazione *Voltage*	Gruppo comando *Control Unit*	Trasmissione *Coupling System*
KAPPA 15	MONOFASE / *SINGLE PHASE* 4 Poli 50 Hz / *4 poles 50 Hz*	SPECIALE *SPECIAL*	0.8 HP 0.6 kW	220 V	INTEGRATO sulla POMPA *MOUNTED on PUMP*	DIRETTA *DIRECT*
	TRIFASE / *THREE PHASES* 4 Poli 50 Hz / *4 poles 50 Hz*	SPECIALE *SPECIAL*	0.8 HP 0.6 kW	220 / 380 V		
	Corrente Continua *Direct Current*	GR 71 B3/B14	220 W (max. 4 bar) 26 A	12 V		

Modello pompa *Pump Model*	Tipo Motore *Engine Type*	Forma Motore *Motor Flange*	Potenza Motore *Engine Power*	Alimentazione *Voltage*	Gruppo comando *Control Unit*	Trasmissione *Coupling System*
IOTA 20	MONOFASE / *SINGLE PHASE* 2 Poli 50 Hz / *2 poles 50 Hz*	SPECIALE *SPECIAL*	1 HP 0.74 kW	220 V	INTEGRATO sulla POMPA *MOUNTED on PUMP*	RIDUTTORE *GEAR BOX*
	TRIFASE / *THREE PHASES* 2 Poli 50 Hz / *2 poles 50 Hz*	SPECIALE *SPECIAL*	1 HP 0.74 kW	220 / 380 V		
IOTA 25	Corrente Continua *Direct Current*	SPECIALE *SPECIAL*	500 W (max. 5 bar) 43 A	12 V		

Modello pompa *Pump Model*	Tipo Motore *Engine Type*	Forma Motore *Motor Flange*	Potenza Motore *Engine Power*	Alimentazione *Voltage*	Gruppo comando *Control Unit*	Trasmissione *Coupling System*
KAPPA 25	MONOFASE / *SINGLE PHASE* 4 Poli 50 Hz / *4 poles 50 Hz*	GR.100 - B3/B5	2.5 HP 1.85 kW	220 V	DL2/30	RIDUTTORE *GEAR BOX*
KAPPA 25/32/33	MONOFASE / *SINGLE PHASE* 4 Poli 50 Hz / *4 poles 50 Hz*	GR.100 - B3/B5	3 HP 2.2 kW	220 V		
KAPPA 25/32/33	TRIFASE / *THREE PHASES* 4 Poli 50 Hz / *4 poles 50 Hz*	GR.100 - B3/B5	3 HP 2.2 kW	220-380 V		
KAPPA 32	Corrente Continua *Direct Current*	SPECIALE *SPECIAL*	500 W (max. 5 bar) 55 A	12 V	DL2/5	
KAPPA 43/53 DELTA 40/50	TRIFASE / *THREE PHASES* 4 Poli 50 Hz / *4 poles 50 Hz*	GR.100 - B3/B5	5.5 HP 4 kW	220 / 380 V	DL2/40	
KAPPA 65	TRIFASE / *THREE PHASES* 4 Poli 50 Hz / *4 poles 50 Hz*	GR.112 - B3/B5	7.5 HP 5.5 kW	220 / 380 V		

accessori
accessories

Lancia manopola (con protezione)
Knob spray gun (with safety shield)
P max = 40 bar / 580 PSI - Entrata / *Inlet* = 8/10 mm

Lancia leva (con protezione)
Trigger spray gun (with safety shield)
P max = 40 bar / 580 PSI - Entrata / *Inlet* = 8/10 mm

Lancia mitra a getto regolabile
Double handle trigger gun with adjust.spray
P max = 60 bar / 870 PSI - Entrata / *Inlet* = 10/13 mm

Lancia turbo 400
Turbo gun 400
P max = 50 bar / 725 PSI - Entrata / *Inlet* = 10/13 mm

Lancia Hydra
Hydra gun
P max = 50 bar / 725 PSI - Entrata / *Inlet* = 10/13 mm

Flangiature per motocoltivatori
Flanges for hand-tractors

Valvola di sicurezza
Safety valve
Pressione / *Pressure*: Da/From 10 bar 145 PSI a/to 50 bar 725 PSI
Portata / *Delivery*: Max. 280 l/min 74 GPM

Protezione P.D.F. - *Shaft protection shield*
Per tutte le pompe / *all pump series*

Cappuccio protezione totale P.D.F.
Shaft total protection cap
Per tutte le pompe / *all pump series*

Manometri
Gauges

Tubo pressione PVC - *PVC Hose*
Pressione / *Pressure*: Da / From 20 bar 290 PSI a / to 80 bar 1160 PSI
Diametri / *Diameters*: Ø 8 / 10 / 13 mm

portate ugelli per lance

nozzle chart for spray guns

Foro	Prestazioni	Pressione													
Ø mm		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	3.0	3.10	3.40	3.50	3.55	3.65	3.75	3.85	4.0	4.10	4.4	4.55
	Angolo di spruzzo	18°	-	18°	-	20°	-	20°	-	22°	-	22°	-	22°	-
	Gittata max. m.	2.5	5.0	2.8	5.5	3.0	6.0	3.0	6.5	3.0	7.0	3.5	7.5	3.5	8.0
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	7.0
	Angolo di spruzzo	22°	-	22°	-	24°	-	24°	-	26°	-	26°	-	28°	-
	Gittata max. m.	2.9	5.8	3.0	6.2	3.2	6.5	3.4	6.9	3.4	7.5	3.6	8.0	3.7	9.0
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°	-
	Gittata max. m.	3.0	7.0	3.2	7.8	3.4	8.5	3.5	9.2	3.6	9.6	3.8	10.0	4.0	10.5
1.8	Portata l/min	5.90	7.30	7.20	8.30	8.80	10.8	9.20	11.7	9.70	12.2	10.5	12.7	11.6	13.5
	Angolo di spruzzo	28°	-	30°	-	33°	-	33°	-	35°	-	35°	-	35°	-
	Gittata max. m.	3.2	7.9	3.5	8.5	3.7	9.0	3.9	9.7	4.2	10.4	4.5	11.0	4.7	12.0
2.0	Portata l/min	6.90	8.60	8.10	11.7	10.2	13.4	10.9	14.3	11.7	15.2	12.5	15.8	13.5	17.1
	Angolo di spruzzo	30°	-	32°	-	35°	-	35°	-	35°	-	37°	-	37°	-
	Gittata max. m.	3.5	8.5	3.8	9.5	4.0	10.5	4.3	11.0	4.8	11.5	4.8	12.0	5.1	13.0
2.3	Portata l/min	6.10	10.8	10.2	14.1	12.9	15.8	13.7	17.9	14.3	18.8	14.9	19.7	15.9	22.1
	Angolo di spruzzo	40°	-	40°	-	42°	-	42°	-	45°	-	45°	-	45°	-
	Gittata max. m.	3.7	9.5	4.0	10.5	4.5	11.5	4.8	12.0	5.1	12.5	5.5	13.0	5.8	14.0
2.5	Portata l/min	9.20	13.0	11.4	16.4	14.0	19.1	14.5	21.0	15.4	22.0	16.4	23.0	18.2	25.4
	Angolo di spruzzo	42°	-	42°	-	45°	-	45°	-	50°	-	50°	-	50°	-
	Gittata max. m.	3.0	9.0	3.8	9.8	4.0	10.8	4.5	11.5	4.8	12.0	5.0	12.5	5.4	13.2
3.0	Portata l/min	11.5	18.4	14.4	24.1	18.0	28.2	18.8	30.1	19.6	31.5	20.9	33.0	22.8	36.3
	Angolo di spruzzo	48°	-	48°	-	52°	-	52°	-	55°	-	55°	-	55°	-
	Gittata max. m.	3.8	9.5	4.0	10.5	4.2	11.0	4.5	11.8	4.8	12.2	5.0	13.0	5.2	13.5
3.5	Portata l/min	13.1	24.2	16.8	30.5	20.0	36.0	21.4	38.5	23.0	41.5	24.5	44.0	27.6	50.0
	Angolo di spruzzo	55°	-	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Gittata max. m.	3.8	9.5	4.0	10.8	4.2	11.2	4.5	12.0	4.8	12.5	5.0	13.2	5.2	14.0
4.0	Portata l/min	29.0	30.2	37.5	39.0	44.4	46.1	47.4	49.3	50.3	52.3	53.0	55.2	58	60.4
	Angolo di spruzzo	40°	-	40°	-	40°	-	40°	-	40°	-	45°	-	45°	-
	Gittata max. m.	5.0	12.5	6.5	13.5	7.5	14.5	8.0	15.5	8.0	16.5	9.0	17.5	9.0	18.5
4.5	Portata l/min	33.7	36.4	43.5	47.0	51.5	55.6	55.0	58.5	58.4	63.1	61.5	66.5	67.4	72.8
	Angolo di spruzzo	45°	-	45°	-	50°	-	50°	-	50°	-	50°	-	50°	-
	Gittata max. m.	6.0	13.0	7.0	14.0	8.0	15.5	9.0	16.0	9.0	17.0	9.5	18.0	9.5	19.5
5.0	Portata l/min	40.3	41.8	52.0	54.0	61.5	64.0	65.8	68.3	69.8	72.5	73.5	76.4	80.6	83.7
	Angolo di spruzzo	50°	-	55°	-	55°	-	55°	-	55°	-	55°	-	55°	-
	Gittata max. m.	6.5	13.5	7.5	15.0	8.5	16.5	9.5	17.5	9.5	18.5	10.0	19.5	10.0	21.0
5.5	Portata l/min	43.8	47.3	56.5	61.0	67.0	72.2	71.5	77.2	75.8	81.8	80.0	86.3	87.5	94.5
	Angolo di spruzzo	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Gittata max. m.	5.5	14.0	7.5	16.0	9.0	17.5	10.0	18.5	10.0	19.5	10.5	20.5	10.5	22.0
6.0	Portata l/min	47.3	52.0	61.0	67.0	72.2	79.3	77.2	84.7	81.8	90.0	86.3	94.8	94.5	104
	Angolo di spruzzo	60°	-	65°	-	65°	-	65°	-	65°	-	65°	-	65°	-
	Gittata max. m.	7.0	14.5	8.0	17.0	9.5	18.5	10.5	19.5	10.5	20.5	11.0	21.5	11.0	23.0
7.0	Portata l/min	47.3	55.9	61.0	72.0	72.2	85.2	77.2	91.1	81.8	96.6	86.3	102	94.5	112
	Angolo di spruzzo	70°	-	80°	-	80°	-	75°	-	75°	-	75°	-	75°	-
	Gittata max. m.	7.0	15.5	8.0	18.0	9.5	19.5	11.0	20.5	11.0	21.5	12.0	22.5	12.0	24.0

Hole	Performances	Pressure													
Ø mm		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	17.8	9.88	19.2	10.4	22.5	10.4	23.3	11.3	24.2	11.4	26.1
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.	8.8	17.8	9.63	20.0	10.5	21.4	11.3	23.9	11.3	25.0	11.6	25.9	12.1	29.4
1.5	Flow rate GPM	1.14	1.28	1.46	1.7	1.8	2.0	1.9	2.2	2.0	2.3	2.1	2.4	2.2	2.5
	Spray angle	25°	-	28°	-	28°	-	28°	-	30°	-	30°	-	30°	-
	Max. throw ft.	9.2	21.5	10.3	25.2	11.2	28.0	12.1	31.8	12.1	32.0	12.3	32.3	13.1	34.3
1.8	Flow rate GPM	1.5	1.8	1.9	2.4	2.3	2.9	2.6	3.3	2.7	3.4	2.8	3.5	3.1	3.6
	Spray angle	28°	-	30°	-	33°	-	33°	-	35°	-	35°	-	35°	-
	Max. throw ft.	9.8	24.3	11.3	27.4	12.2	29.7	13.5	33.6	14.0	34.7	14.5	36.5	15.4	39.2
2.0	Flow rate GPM	1.7	2.2	2.1	3.1	2.7	3.6	3.0	4.0	3.1	4.1	3.3	4.2	3.6	4.5
	Spray angle	30°	-	32°	-	35°	-	35°	-	35°	-	37°	-	37°	-
	Max. throw ft.	10.8	26.1	12.3	30.7	13.2	34.6	14.9	38.1	15.3	38.3	15.6	38.8	16.7	42.5
2.3	Flow rate GPM	2.1	2.7	2.7	3.7	3.4	4.5	3.8	4.8	3.8	5.0	3.9	5.1	4.2	5.8
	Spray angle	40°	-	40°	-	42°	-	42°	-	45°	-	45°	-	45°	-
	Max. throw ft.	11.4	28.0	12.9	33.9	14.8	37.9	16.6	41.5	17.0	41.7	17.7	42.0	19.0	45.7
2.5	Flow rate GPM	2.3	3.2	3.0	4.3	3.7	5.1	4.0	5.9	4.1	5.9	4.3	6.0	4.9	6.9
	Spray angle	42°	-	42°	-	45°	-	45°	-	50°	-	50°	-	50°	-
	Max. throw ft.	11.1	27.7	12.3	31.6	13.2	35.6	15.6	38.8	16.0	40.0	16.1	40.4	18.0	44.1
3.0	Flow rate GPM	2.9	4.5	3.7	6.3	4.8	7.5	5.2	8.4	5.3	8.5	5.4	8.6	6.0	9.6
	Spray angle	48°	-	48°	-	52°	-	52°	-	55°	-	55°	-	55°	-
	Max. throw ft.	11.7	22.9	12.9	33.9	13.8	36.2	15.6	40.8	16.0	40.7	16.2	42.0	17.0	44.1
3.5	Flow rate GPM	3.2	6.0	4.4	7.9	5.3	9.5	6.0	10.7	6.2	11.1	6.4	11.4	7.2	13.2
	Spray angle	55°	-	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Max. throw ft.	11.7	29.2	12.9	34.9	13.8	36.9	15.5	41.5	16.0	41.7	18.2	42.6	17.0	14.0
4.0	Flow rate GPM	7.0	7.3	9.6	9.9	11.6	12.0	12.9	13.5	13.2	13.8	13.6	14.1	15.0	15.6
	Spray angle	40°	-	40°	-	40°	-	40°	-	40°	-	45°	-	45°	-
	Max. throw ft.	15.1	37.7	20.6	42.8	24.3	47.0	27.2	53.0	27.2	54.0	28.5	55.0	29.0	59.0
4.5	Flow rate GPM	8.2	8.9	11.1	12.0	13.4	14.5	15.0	16.3	15.4	16.6	15.7	17.0	17.4	18.9
	Spray angle	45°	-	45°	-	50°	-	50°	-	50°	-	50°	-	50°	-
	Max. throw ft.	18.1	39.2	22.2	44.3	26.0	50.1	30.6	54.0	30.6	56.0	31.0	57.0	31.5	62.0
5.0	Flow rate GPM	9.8	10.2	13.3	13.8	16.0	16.7	18.0	18.7	18.4	19.1	18.9	19.5	20.8	21.6
	Spray angle	50°	-	55°	-	55°	-	55°	-	55°	-	55°	-	55°	-
	Max. throw ft.	19.6	40.7	23.8	47.0	27.5	53.3	32.3	59.0	32.3	61.0	32.8	62.0	32.8	21.0
5.5	Flow rate GPM	10.7	11.5	14.4	15.6	17.4	18.8	19.6	21.0	20.0	21.5	20.4	22.0	22.6	24.4
	Spray angle	55°	-	60°	-	60°	-	60°	-	60°	-	60°	-	60°	-
	Max. throw ft.	19.6	42.2	23.8	50.7	28.0	57.0	34.0	63.0	34.0	64.0	34.5	65.0	34.5	70.0
6.0	Flow rate GPM	11.5	12.6	15.6	17.1	18.8	20.6	21.0	23.2	21.5	23.7	22.0	24.2	24.4	26.9
	Spray angle	60°	-	65°	-	65°	-	65°	-	65°	-	65°	-	65°	-
	Max. throw ft.	21.1	43.7	25.3	54.0	30.7	60.0	35.6	66.0	35.6	67.0	36.0	68.0	36.0	74.0
7.0	Flow rate GPM	11.5	13.5	15.6	18.4	18.8	22.2	21.0	25.0	21.5	25.4	22.0	26.0	24.4	29.0
	Spray angle	70°	-	80°	-	80°	-	75°	-	75°	-	75°	-	75°	-
	Max. throw ft.	21.1	46.8	25.3	57.0	30.7	63.0	37.4	70.0	37.4	71.0	38.0	72.0	38.0	24.0

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