



2026

SPARES &
ACCESSORIES

PRODUCT CATALOGUE



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CATEGORIES

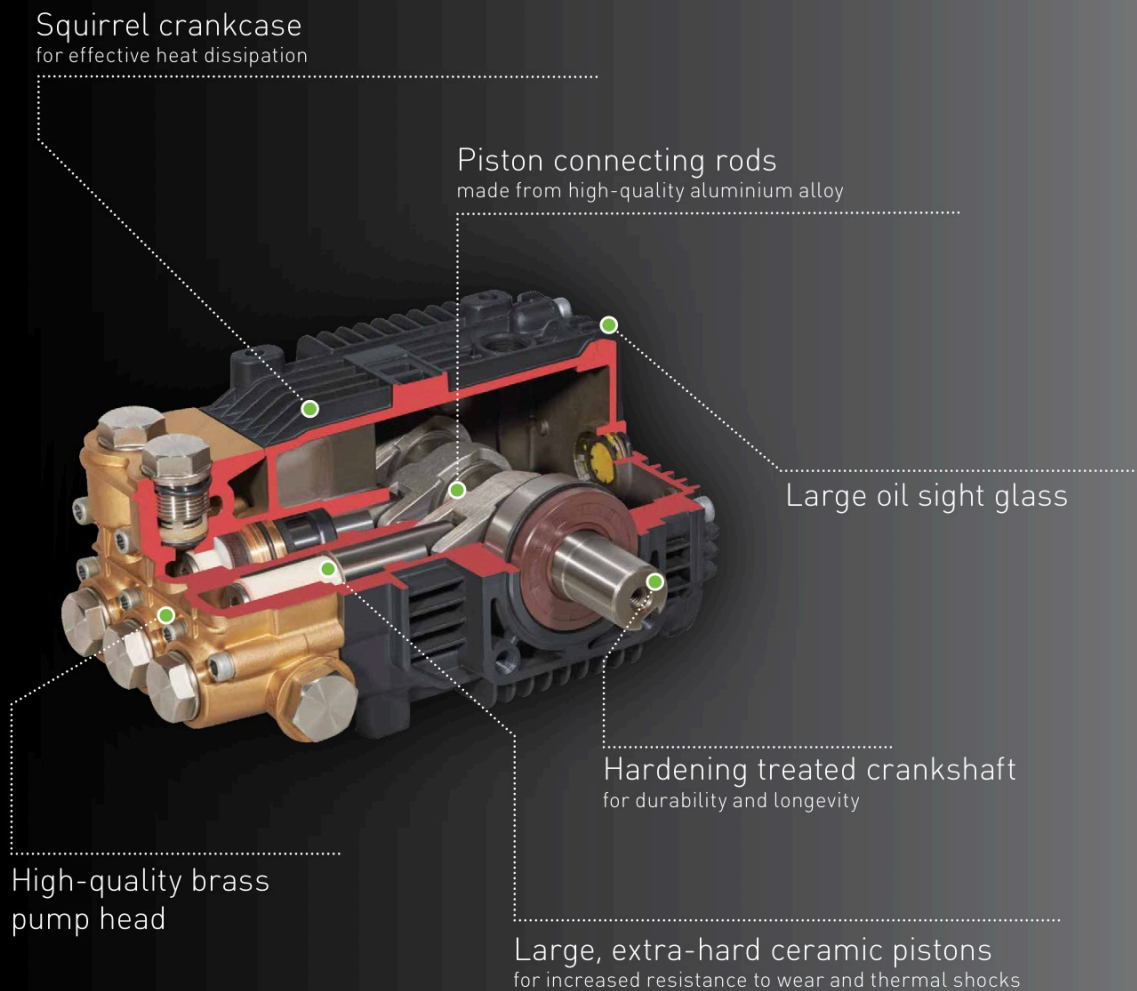
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HIGH-PRESSURE PUMPS

RELIABLE AND EFFICIENT

Our pumps are engineered by the world's leading manufacturers, combining quality materials with decades of expertise.



HIGHLIGHTS

- 01 Sizeable components to withstand the toughest applications.
- 02 Brass, stainless steel, or nickel-plated heads for a long working life.
- 03 Easy maintenance and excellent spare part availability.

HIGH-PRESSURE PUMPS

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**MISTING
SOLUTIONS**

ONE APPLICATION, A MYRIAD OF BENEFITS

Whether you are looking to cool down outdoor spaces, control the temperature of avian farms, or reduce dust particles in the air, misting systems are an affordable and simple solution.

MISTING SOLUTIONS



DUST SUPPRESSION • HUMIDIFICATION • TEMPERATURE CONTROL

HIGHLIGHTS

- 01 Misting systems are extremely efficient at cooling outdoor areas. They can reduce temperatures by up to 10-15 degrees Celsius.
- 02 When compared to traditional air conditioning, misting systems consume significantly less energy, making them eco-friendly and cost-effective.
- 03 Water droplets in mist collide with dust particles, increasing their weight and causing them to fall to the ground, reducing the amount of dust in the air.

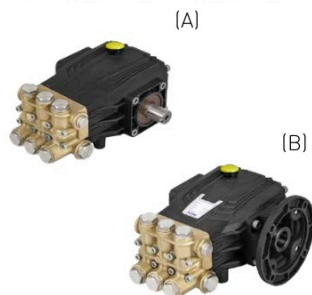
CEMSA EJPB Series Misting Pump Motors - 3 Piston Ceramic Plunger Pumps / Brass Head



CODE / MODEL	FLOW	PRESSURE	VOLTAGE	POWER	SPEED	WEIGHT
	l/min	bar	V	kW	rpm	Kg
EJPB0310-220	3	100	220	0,75	1450	22
EJPB0510-220	5	100	220	1,1	1450	22
EJPB0810-220	8	100	220	1,5	1450	28
EJPB1110-220	11	100	220	2,2	1450	28,25
EJPB1510-220	15	100	220	3	1450	34,25
EJPB1110-380	11	100	380	2,2	1450	28,25
EJPB1510-380	15	100	380	3	1450	34,25
EJPC2310-380	23	100	380	5,5	1450	42,3

NOTES

CEMSA JPB Series 3 Piston Ceramic Plunger Pumps / Brass Head

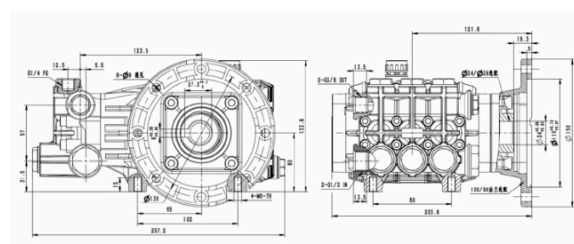
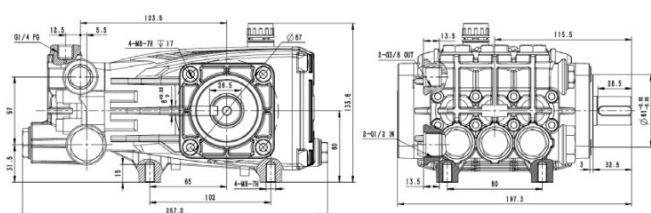


CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
JPB0818-N24 (A)	8	180	24mm Solid	87	2,72	1450	6,9
JPB0818-B24 (B)	8	180	24mm Hollow	115	2,72	1450	7,25
JPB0818-C24 (B)	8	180	24mm Hollow	130	2,72	1450	7,25
JPB0818-C28 (B)	8	180	28mm Hollow	130	2,72	1450	7,25
JPB1120-N24 (A)	11	200	24mm Solid	87	4,15	1450	6,9
JPB1120-C28 (B)	11	200	28mm Hollow	130	4,15	1450	7,25
JPB1520-N24 (A)	15	200	24mm Solid	87	5,66	1450	6,9
JPB1520-C28 (B)	15	200	28mm Hollow	130	5,66	1450	7,25

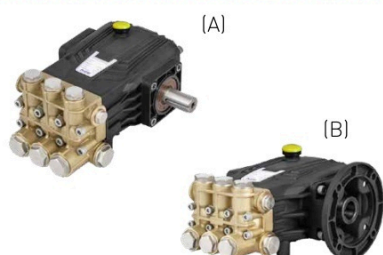
SERIES JPB DIMENSIONS

SOLID SHAFT (A)

HOLLOW SHAFT (B)



CEMSA JPC Series 3 Piston Ceramic Plunger Pumps / Brass Head

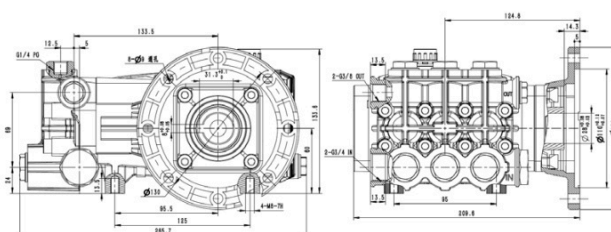
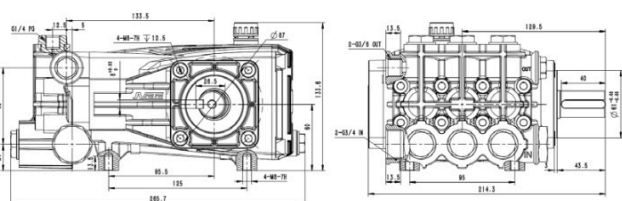


CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
JPC1535-N24 (A)	15	250	24mm Solid	87	7,08	1450	8,9
JPC1535-C28 (B)	15	250	28mm Hollow	130	7,08	1450	9,3
JPC2330-N24 (A)	23	250	24mm Solid	87	10,85	1450	8,9
JPC2330-C28 (B)	23	250	28mm Hollow	130	10,85	1450	9,3
JPC3010-N24 (A)	30	150	24mm Solid	87	8,50	1450	9,3

SERIES JPC DIMENSIONS

SOLID SHAFT (A)

HOLLOW SHAFT (B)

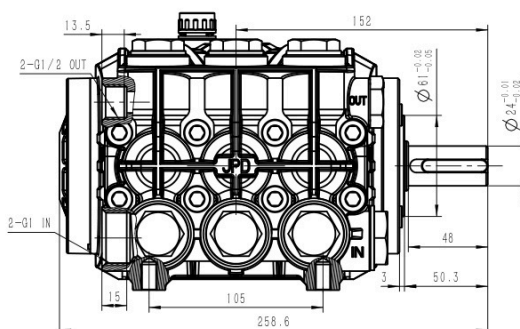
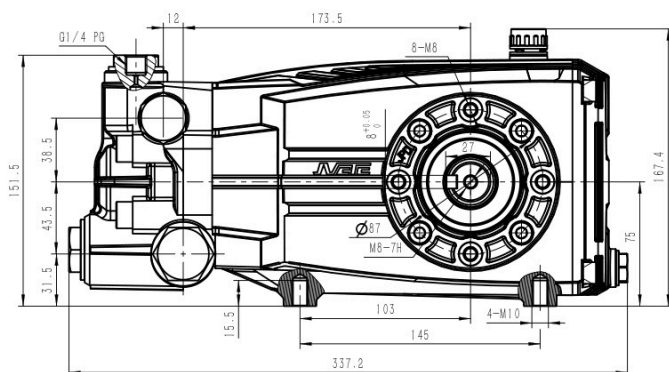


CEMSA JPD Series 3 Piston Ceramic Plunger Pumps / Brass Head



CODE / MODEL	FLOW	PRESSURE	SHAFT	PCD	POWER	SPEED	WEIGHT
	l/min	bar		mm	kW	rpm	kg
JPD3020-N24	30	200	24mm Solid	87	11,33	1450	21
JPD4020-N24	40	200	24mm Solid	87	15,09	1450	21
JPD5615-N24	56	150	24mm Solid	87	15,85	1450	21

SERIES JPD DIMENSIONS

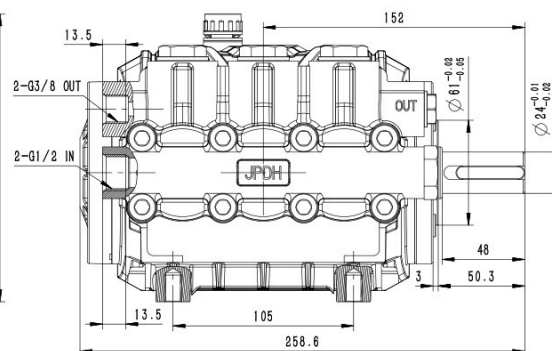
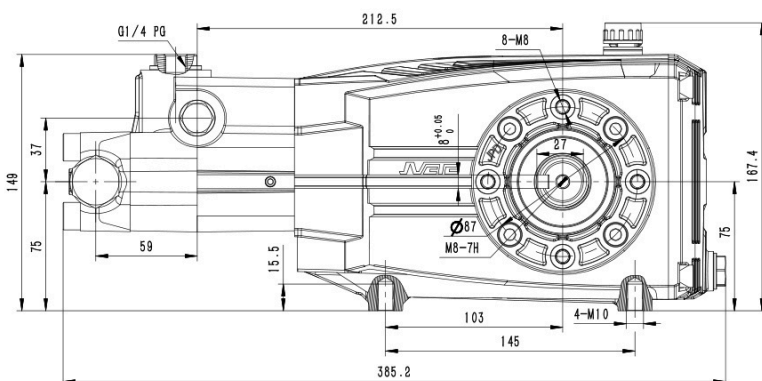


CEMSA JPDH Series 3 Piston Ceramic Plunger Pumps / Brass Head



CODE / MODEL	FLOW	PRESSURE	SHAFT	PCD	POWER	SPEED	WEIGHT
	l/min	bar		mm	kW	rpm	Kg
JPDH1250-N24	12	500	24mm Solid	87	11,33	1450	24
JPDH1650-N24	16	500	24mm Solid	87	15,09	1450	24
JPDH2250-N24	22	500	24mm Solid	87	20,76	1450	24

SERIES JPDH DIMENSIONS

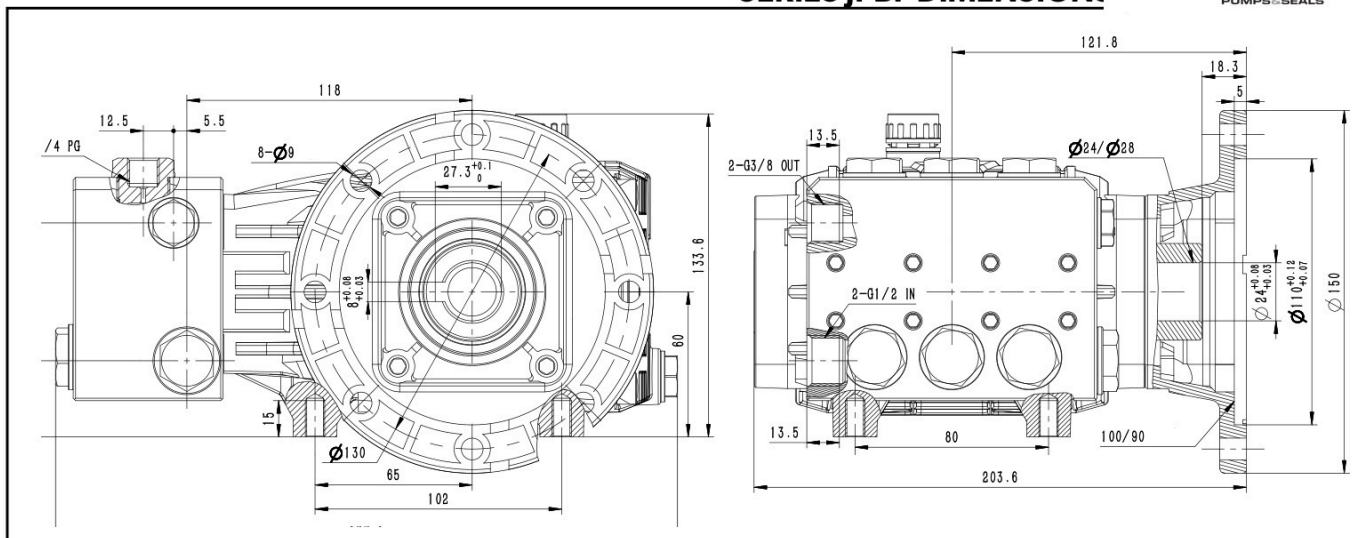


CEMSA JPDF Series Seawater Desalination - 3 Piston Ceramic Plunger Pumps / Stainless Steel Head



CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
JPDF0510-SB24	5	100	24mm Hollow	115	0,94	1450	10
JPDF1110-SB28	11	100	28mm Hollow	115	2,07	1450	10
JPDF1510-SC28	15	100	28mm Hollow	130	3,0	1450	10

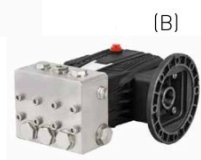
SERIES JPDF DIMENSIONS



CEMSA JPCF Series Seawater Desalination - 3 Piston Ceramic Plunger Pumps / Stainless Steel Head



(A)



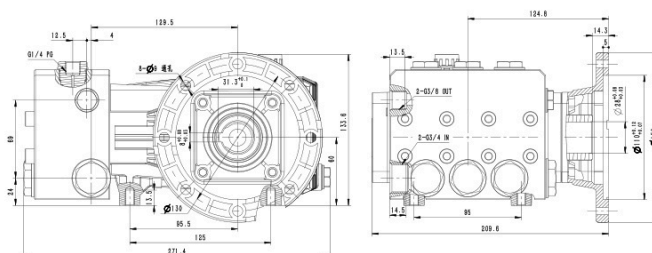
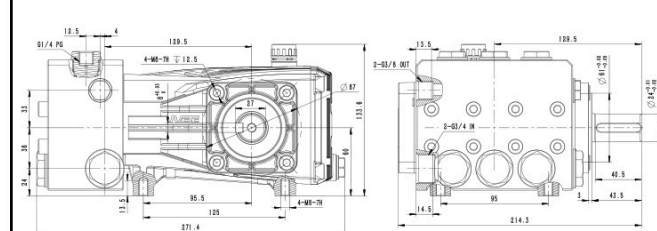
(B)

CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
JPCF2310-SN24 (A)	23	100	24mm Solid	87	4,34	1450	9,72
JPCF2310-SC28 (B)	23	100	28mm Hollow	130	4,34	1450	9,72
JPCF3010-SN24 (A)	30	100	24mm Solid	87	5,5	1450	9,72

SERIES JPCF DIMENSION:

SOLID SHAFT (A)

HOLLOW SHAFT (B)

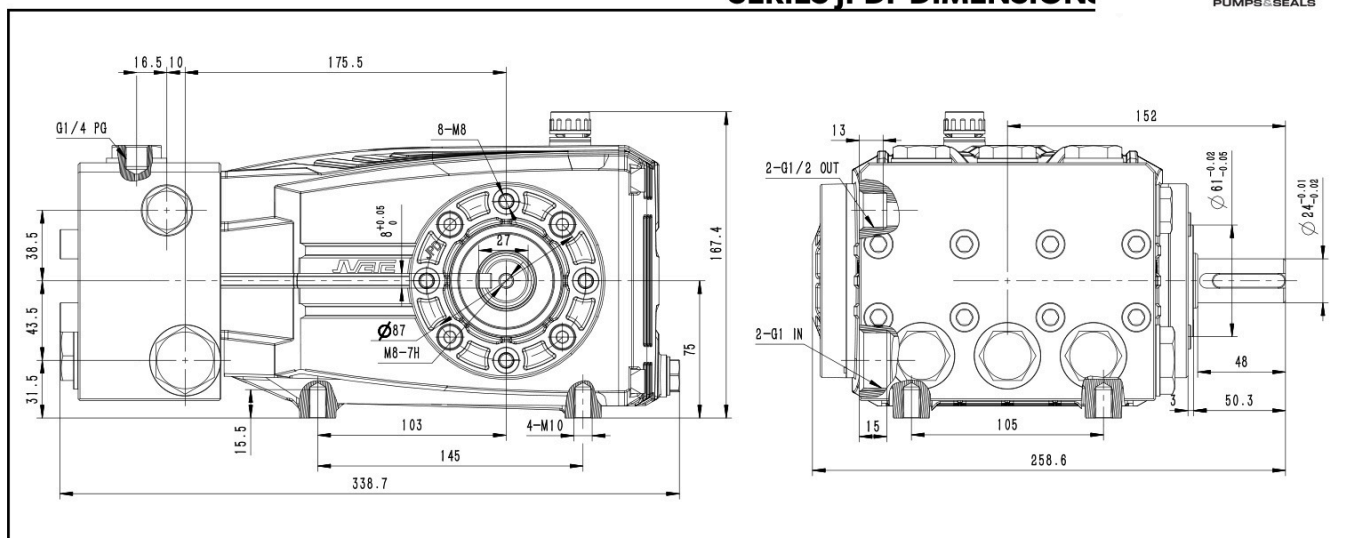


CEMSA JPDF Series Seawater Desalination - 3 Piston Ceramic Plunger Pumps / Stainless Steel Head



CODE / MODEL	FLOW	PRESSURE	SHAFT	PCD	POWER	SPEED	WEIGHT
	l/min	bar		mm	kW	rpm	Kg
JPDF4010-SN24	40	100	24mm Solid	87	7,55	1450	18
JPDF7010-SN24	70	100	24mm Solid	87	13,21	1450	18

SERIES JPDF DIMENSION!



CEMSA Pump Repair Kits

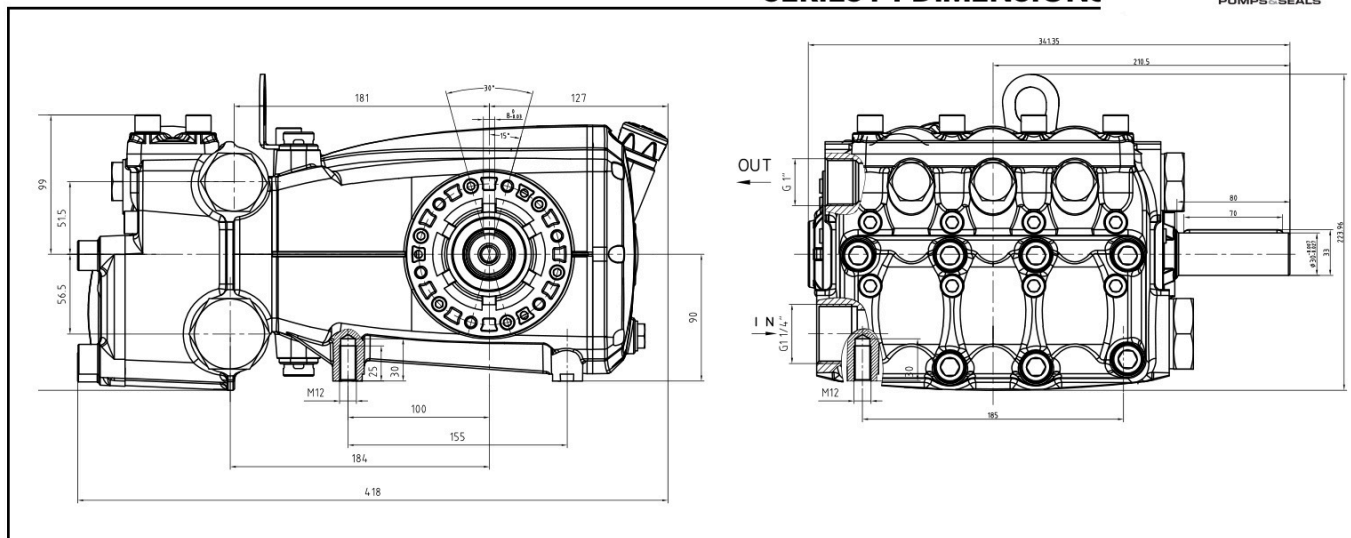
REPAIR KIT CODE	CEMSA PUMP MODEL				
36.NJPB.18	JPB0818-N24	JPB1120-N24	JPB1520-N24	-	-
36.CJPB.18	JPB0818-B24	JPB0818-C24	JPB0818-C28	JPB1120-C28	JPB1520-C28
36.NJPC.18	JPC1535-N24	-	-	-	-
36.CJPC.18	JPC1535-C28	-	-	-	-
36.NJPC.22	JPC2330-N24	-	-	-	-
36.CJPC.22	JPC2330-C28	-	-	-	-
36.NJPC.25	JPC3010-N24	-	-	-	-
36.OJPD.28	JPD3020-N24	JPD4020-N24	JPD5615-N24	-	-
36.JPDH.18	JPDH1250-N24	JPDH1650-N24	JPDH2250-N24	-	-
36.JPBF.05	JPBF0510-SB24	-	-	-	-
36.JPBF.11	JPBF1110-SB28	-	-	-	-
36.JPBF.15	JPBF1510-SC28	-	-	-	-
36.JPCF.23	JPCF2310-SN24	JPCF2310-SC28	-	-	-
36.JPCF.30	JPCF3010-SN24	-	-	-	-
36.JPDF.40	JPDF4010-SN24	-	-	-	-
36.JPDF.70	JPDF7010-SN24	-	-	-	-

CEMSA PT Series 3 Piston Ceramic Plunger Pumps / Cast Iron Head



CODE / MODEL	FLOW	PRESSURE	SHAFT	POWER	SPEED	WEIGHT
	l/min	bar		kW	rpm	Kg
PT28	70	200	30mm Solid	27	1450	44,0
PT36	115	120	30mm Solid	28	1450	44,0

SERIES PT DIMENSIONS

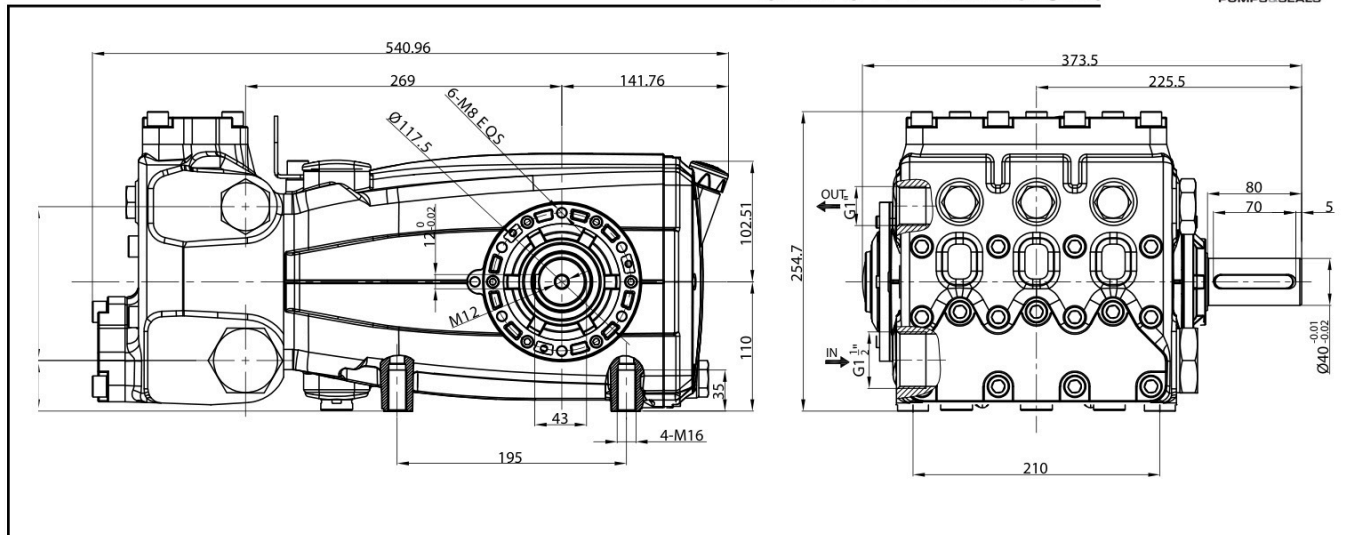


CEMSA PF Series 3 Piston Ceramic Plunger Pumps / Cast Iron Head



CODE / MODEL	FLOW	PRESSURE	SHAFT	POWER	SPEED	WEIGHT
	l/min	bar		kW	rpm	kg
PF36	122	160	40mm Solid	37	800	69,0
PF36	137	140	40mm Solid	37	900	69,0
PF36	153	130	40mm Solid	38	1 000	69,0

SERIES PF DIMENSIONS

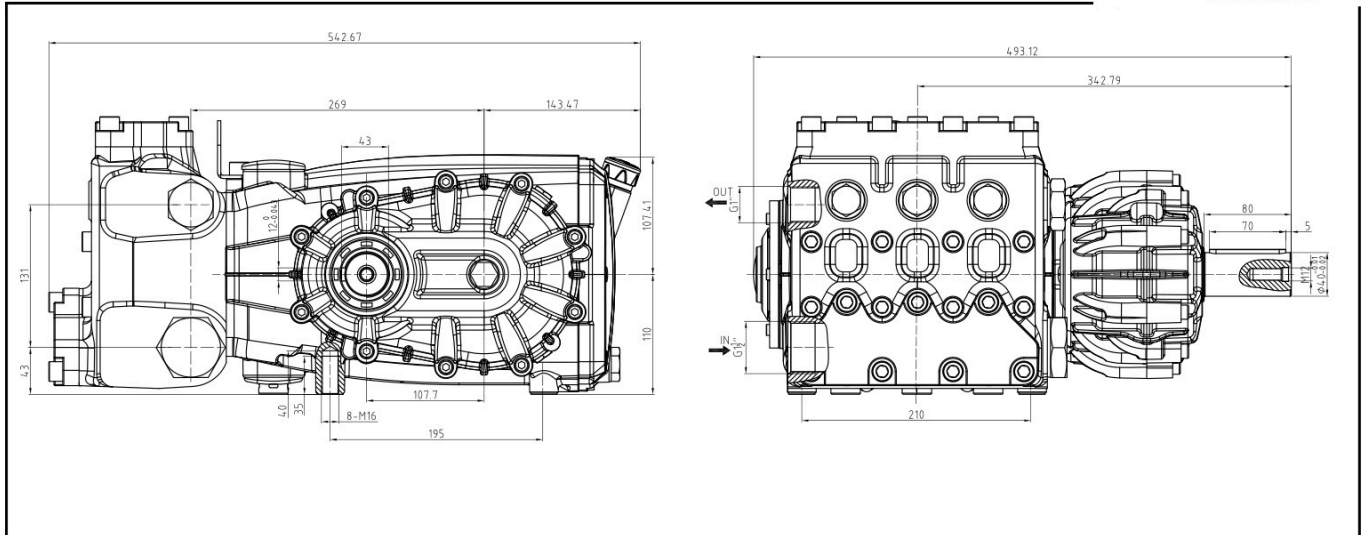


CEMSA PFH Series 3 Piston Ceramic Plunger Pumps / Cast Iron Head - Gearbox Drive



CODE / MODEL	FLOW	PRESSURE	POWER	INPUT SPEED	GEAR RATIO	SHAFT SPEED	WEIGHT
	l/min	bar	kW	rpm		rpm	Kg
PFH36	183	160	57	1 500	1,25	1 200	69,0
PFH36	186	160	58	1 800	1,48	1 216	69,0
PFH36	185	160	58	2 200	1,82	1 209	69,0

SERIES PFH DIMENSION

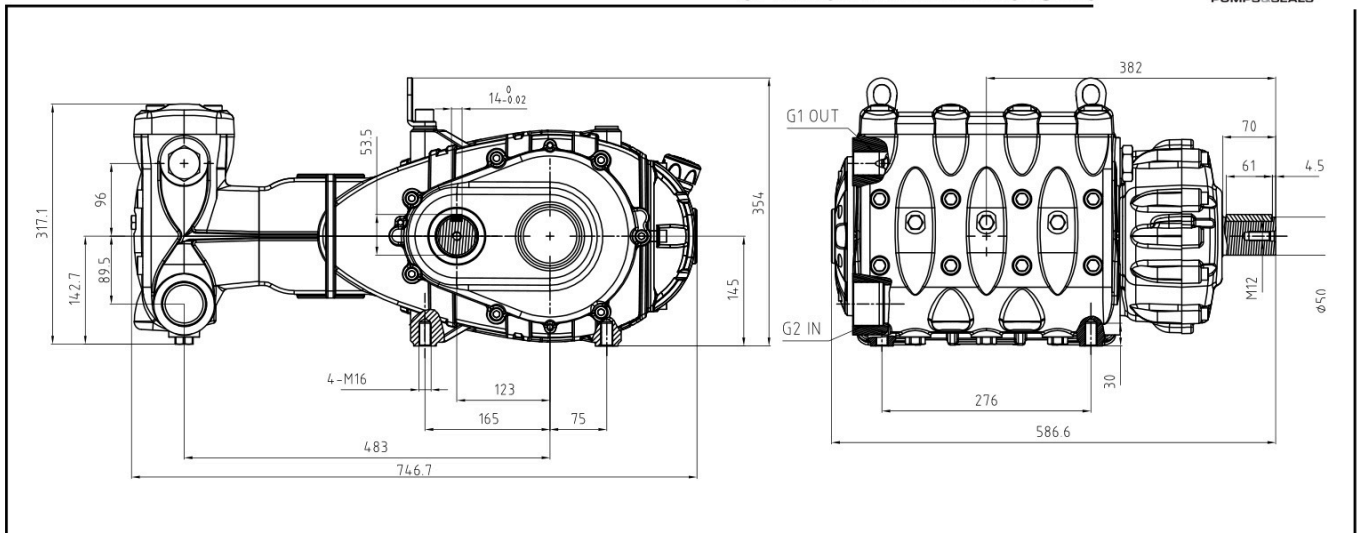


CEMSA XW Series 3 Piston Ceramic Plunger Pumps / Cast Iron Head - Gearbox Drive



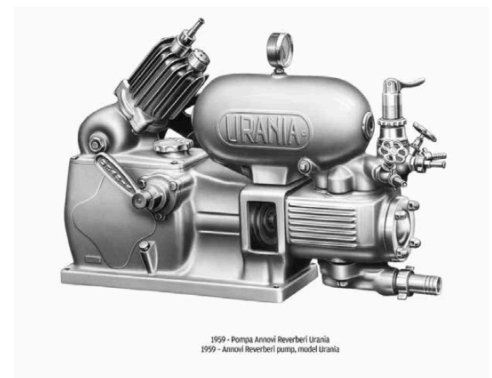
CODE / MODEL	FLOW	PRESSURE	SHAFT	POWER	INPUT SPEED	WEIGHT
	l/min	bar		kW	rpm	Kg
XW45	267	155	50mm Solid	81	1 500 / 1 800 / 2 200	239,0

SERIES XW DIMENSIONS





**ANNOVI
REVERBERI**®
The Power of Experience



Annovi Reverberi

Founded in 1958 in Modena, in the heart of Italy's engineering district, Annovi Reverberi is a modern, flexible, and constantly expanding company, a significant player in manufacturing and commerce. Its strength lies in its core values: the know-how rooted in the heritage and experience of its founder, the dynamism of the Italian manufacturing district where it was founded and developed, the talented people who work there, and the diverse and excellent professional skills consistently employed.

A global leader in diaphragm pumps for agriculture and piston pumps for industrial washing, Annovi Reverberi also has a strong presence in the cleaning sector. Its pressure washers, for both private and professional use, represent cutting-edge technology in the global market.



"In a rapidly changing world, to understand and predict the needs of tomorrow is essential to work with our customers and build the future on the experience of the past. Much road has been made but there is still much more to do."

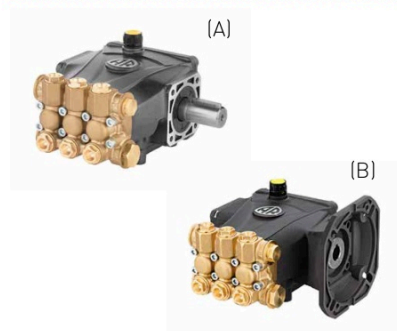
Corrado Reverberi

Annovi Reverberi operates in five continents and over one hundred countries, with a network of production and commercial sites that provide direct access to local markets. This strategy demonstrates a commitment to meeting the needs of end customers.

Its growing strength is based on continuous innovation, the constant pursuit of the most efficient solutions, and the ability to anticipate and embrace market challenges.



Annovi Reverberi RC SERIES 3 Piston Ceramic Plunger Pumps / Brass Head

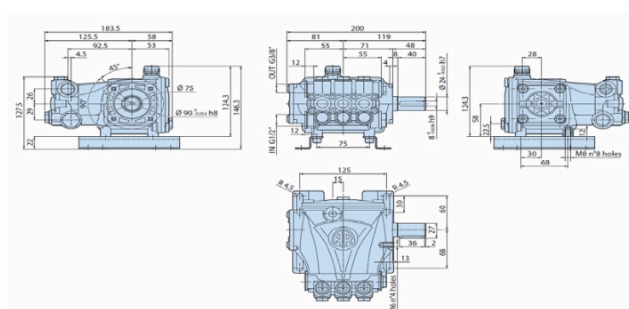


CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
23260 (A)	RC 8.15	8	150	24mm Solid	75	2,26	1450	5,0
23436 (A)	RC 10.15	10	150	24mm Solid	75	2,83	1450	5,0
25618 (B)	RC 10.15B	10	150	28mm Hollow	130	2,83	1450	5,5
23081 (A)	RC13.17	13	170	24mm Solid	75	4,17	1450	5,0
23535 (B)	RC 13.17B	13	170	28mm Hollow	130	4,17	1450	5,5

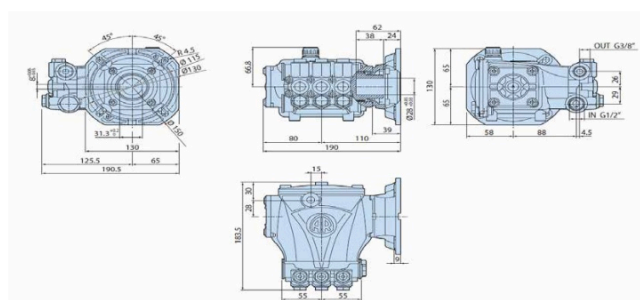
SERIES RC DIMENSIONS



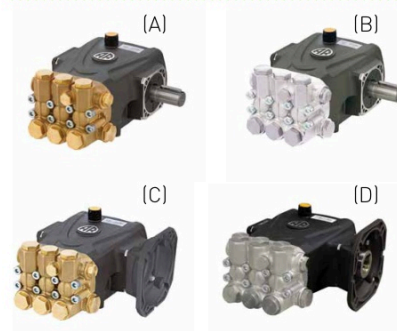
SOLID SHAFT



HOLLOW SHAFT



Annovi Reverberi RR SERIES 3 Piston Ceramic Plunger Pumps/ Brass Head/ Nickel Plated Head

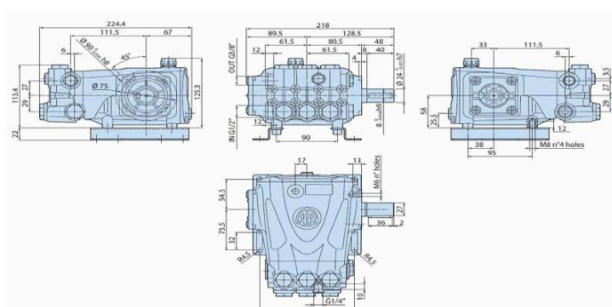


CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
23771 (A)	RR 13.20	13	200	24mm Solid	75	4,91	1450	7,6
23775 (C)	RR 13.20B	13	200	28mm Hollow	130	4,91	1450	8,0
23507 (A)	RR 15.20	15	200	24mm Solid	75	5,66	1450	7,6
23777 (C)	RR 15.20B	15	200	28mm Hollow	130	5,66	1450	8,0
24934 (B)	RR 15.25	15	250	24mm Solid	75	7,08	1450	8,0
25054 (D)	RR 15.25B	15	250	28mm Hollow	130	7,08	1450	8,4

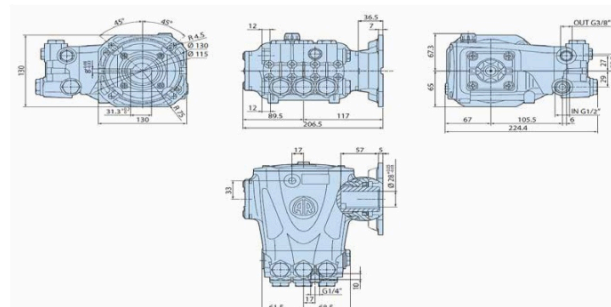
SERIES RR DIMENSIONS



SOLID SHAFT



HOLLOW SHAFT

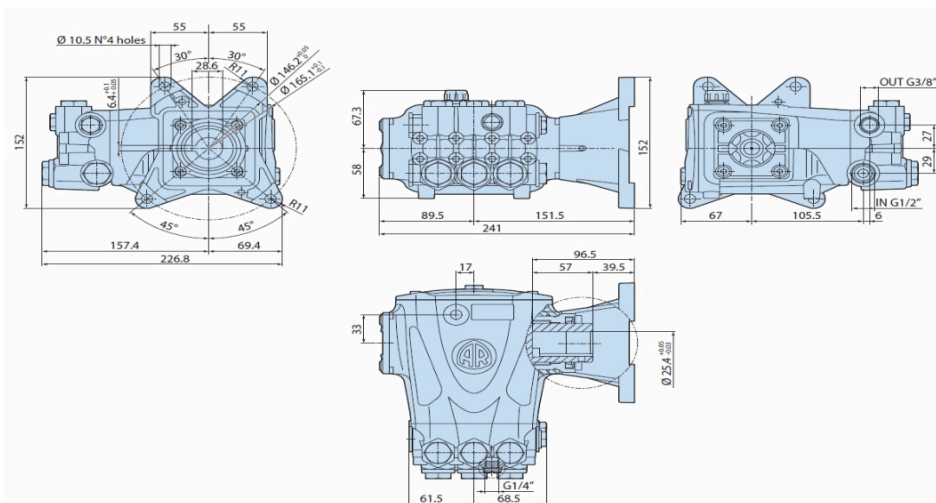


Annovi Reverberi RRV SERIES 3 Piston Ceramic Plunger Pumps / Brass Head



CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER HP	SPEED rpm	WEIGHT Kg
23790 (A)	RRV 11.25C	11,4	250	1" Hollow	165	7,4 hp	3400	8,0
23508 (A)	RRV 15.25C	15,1	250	1" Hollow	165	9,9 hp	3400	8,0
24935 (B)	RRV 15.27C	15,1	270	1" Hollow	165	11,0 hp	3400	8,4

SERIES RRV DIMENSIONS

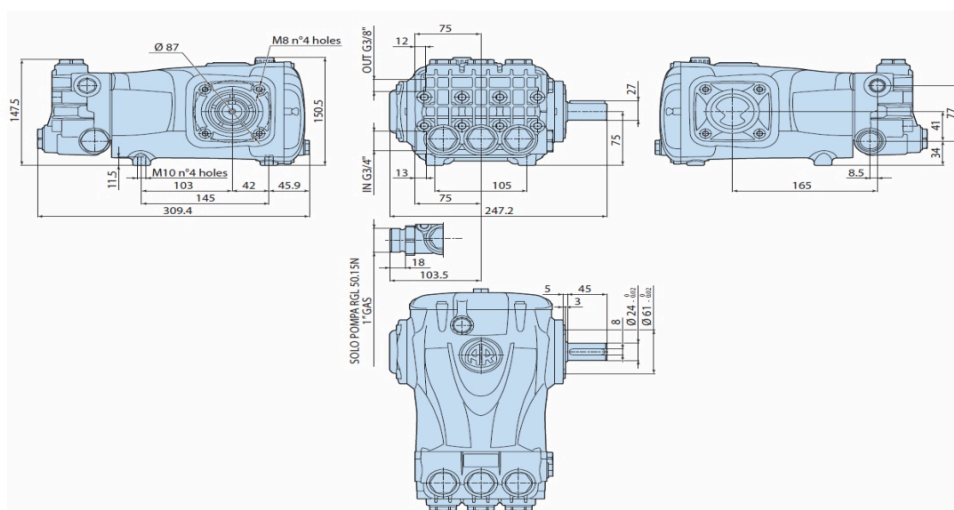


Annovi Reverberi RG SERIES 3 Piston Ceramic Plunger Pumps / Brass Head



CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
27368	RG 30.25	30	250	24mm Solid	87	14,15	1450	16,0

SERIES RG DIMENSIONS

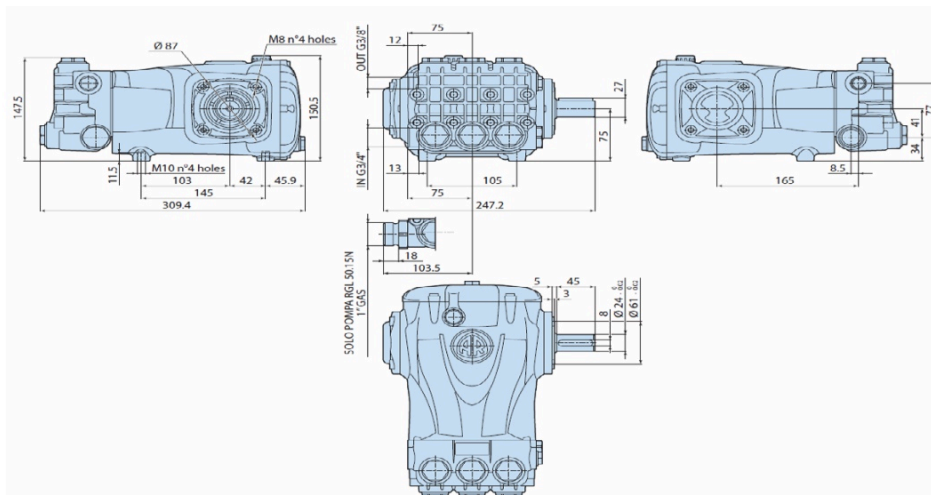


Annovi Reverberi RGL SERIES 3 Piston Ceramic Plunger Pumps / Brass Head



CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
27370	RGL 41.20	41	200	24mm Solid	87	15,47	1450	16,5
27938	RGL 50.17	50	170	24mm Solid	87	16,04	1450	16,0

SERIES RGL DIMENSIONS

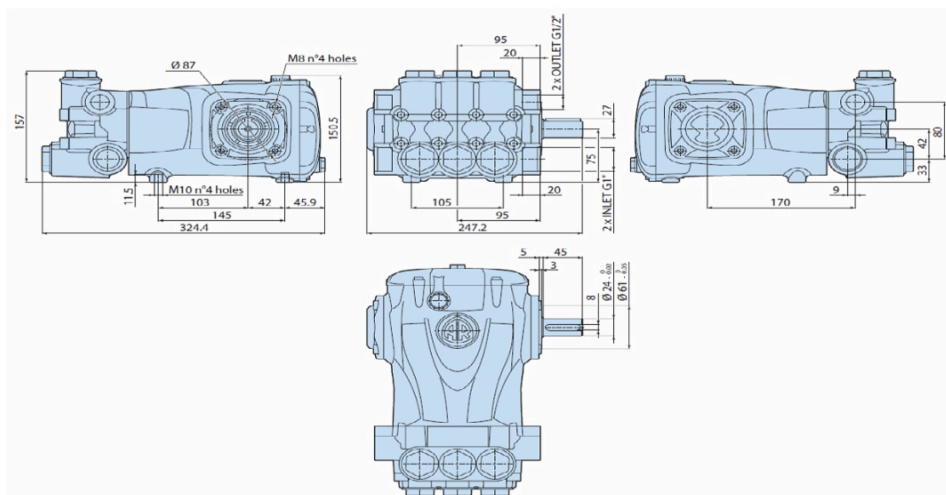


Annovi Reverberi RGP SERIES 3 Piston Ceramic Plunger Pumps / Brass Head



CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
27371	RGP 70.15	70	150	24mm Solid	87	19,81	1450	17,6

SERIES RGP DIMENSIONS

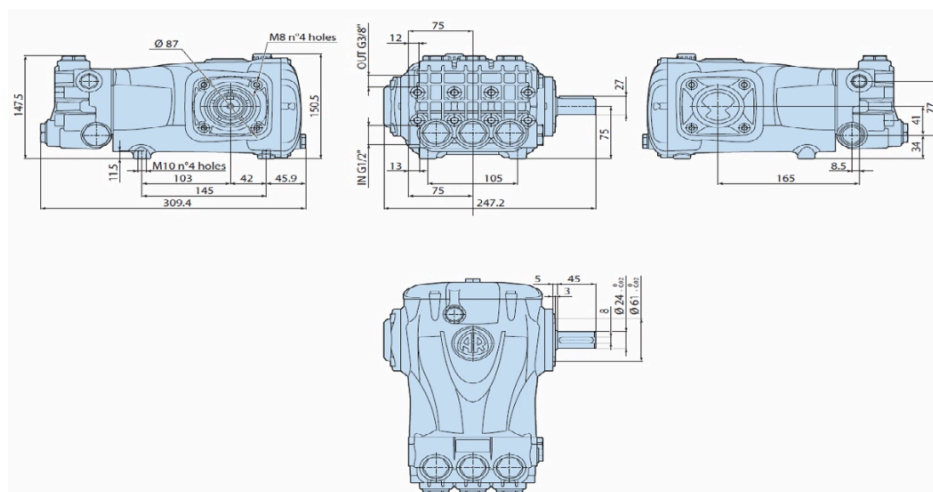


Annovi Reverberi SRG SERIES 3 Piston Ceramic Plunger Pumps / Brass Head



CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
27696	SRG 15.35	15	350	24mm Solid	87	9,91	1450	16,0
27697	SRG 21.35	21	350	24mm Solid	87	13,87	1450	16,0
28032	SRG 30.35	30	350	24mm Solid	87	19,81	1450	16,0

SERIES SRG DIMENSIONS

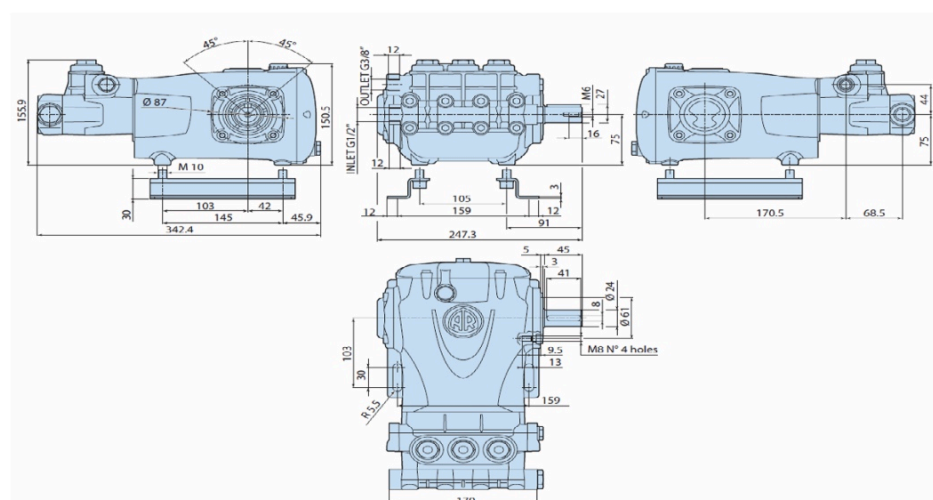


Annovi Reverberi RGX SERIES 3 Piston Ceramic Plunger Pumps / Brass Head



CODE	MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
25514	RGX 15.50	15	500	24mm Solid	87	14,15	1450	16,0
25638	RGX 22.50	22	500	24mm Solid	87	20,75	1450	16,0

SERIES RGX DIMENSIONS



Annovi Reverberi RTX SERIES

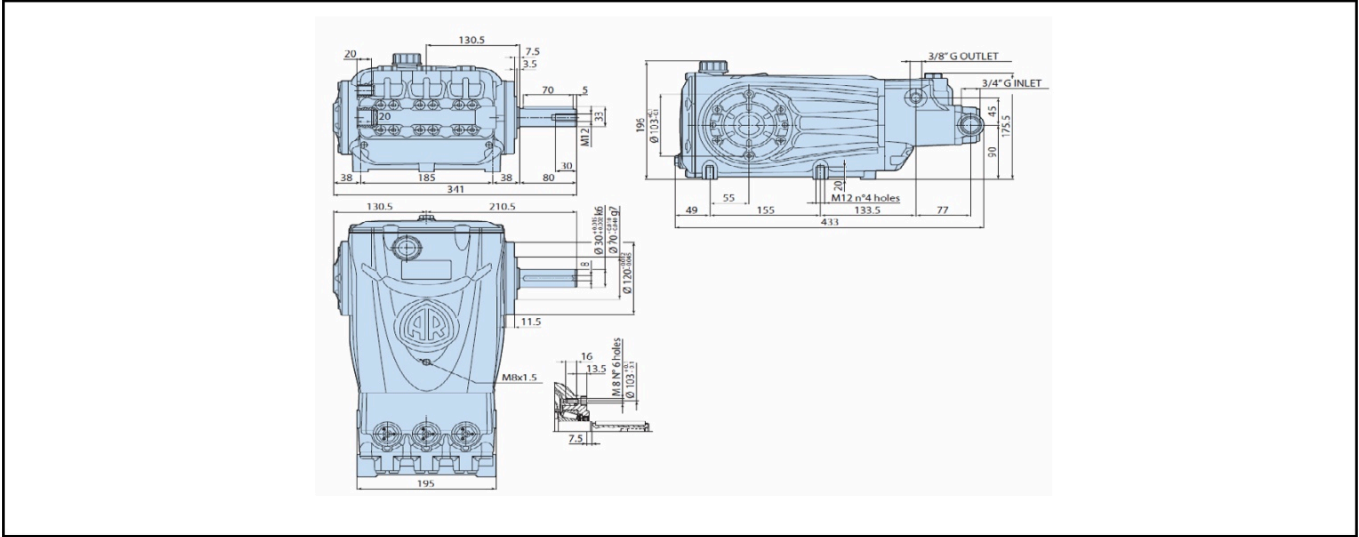
3 Piston Ceramic Plunger Pumps / Nickel Plated Head



CODE	MODEL	FLOW	PRESSURE	SHAFT	PCD	POWER	SPEED	WEIGHT
		l/min	bar		mm	kW	rpm	Kg
26116	RTX 30.50	30	500	30mm Solid	103	28,30	1450	34,0

SERIES RTX DIMENSIONS





NOTES



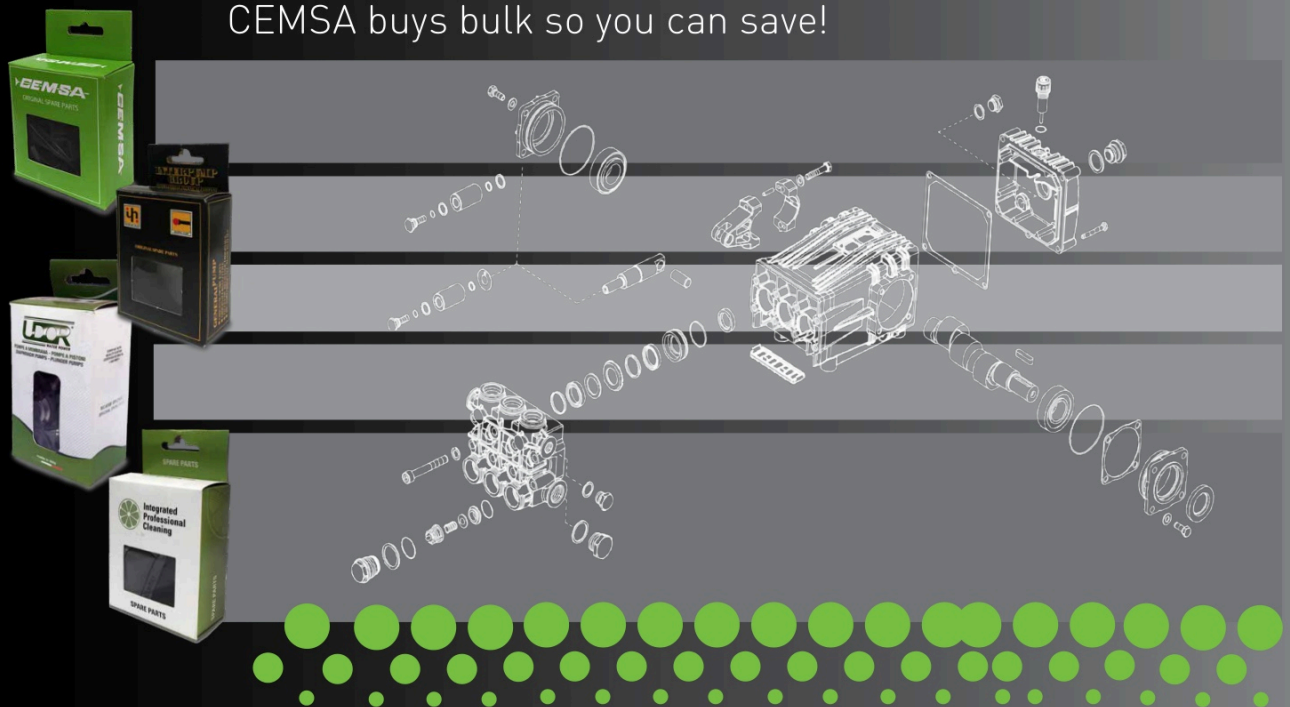
PUMP REPAIR KITS

PUMP REPAIR KITS

CEMSA maintains an extensive stock holding of spares for a wide range of world-renowned pump manufacturers, all conveniently available from a single source.

BRAND VARIETY

CEMSA buys bulk so you can save!



HIGHLIGHTS

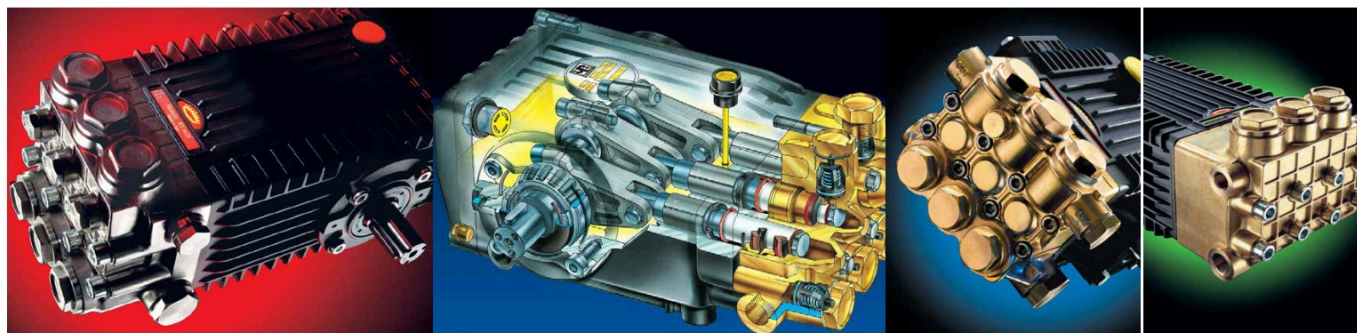
- 01 Minimise downtime with CEMSA's extensive inventory of readily available spares.
- 02 CEMSA buys bulk so you can benefit from competitive pricing.
- 03 Our comprehensive stock holding includes valves, seals, o-rings, pistons, and much more.

Interpump Group

Interpump Group SpA is the world's largest producer of high-pressure professional piston pumps and one of the main groups operating on international markets in the hydraulics sector. The Interpump Group was founded by Fulvio Montipò in 1977 in S. Ilario d'Enza (RE), where the parent company, Interpump Group SpA, started its production of high-pressure piston pumps.

Thanks to the conception of more compact and manageable products, intuition of Montipò, and the adoption of innovative materials, Interpump Group SpA became in just a few years the world's largest manufacturer of high-pressure piston pumps, and its products a reference point for the market.

Since the 1990s, the growth of the Interpump Group began to develop outside the piston pump sector, through the acquisition of leading companies in the production of professional and industrial cleaning machines and electric motors.



In 1996, Interpump Group SpA was listed on the Milan Stock Exchange.

In the three-year period of 1997-1999, the Interpump Group entered the hydraulic sector through the acquisition of a number of companies, becoming the world's largest producer of power take-offs.

In 2005, the activities in the sector of professional and industrial cleaning machines were sold, as part of a process of repositioning the Group in the sectors with the highest technology, where acquisitions of leading companies continued.

The Interpump Group strategy aims to further strengthen its current position of leadership in the production of high-pressure pumps, power take-offs and hydraulic pumps, and to pursue further growth in these sectors, including through targeted acquisitions.

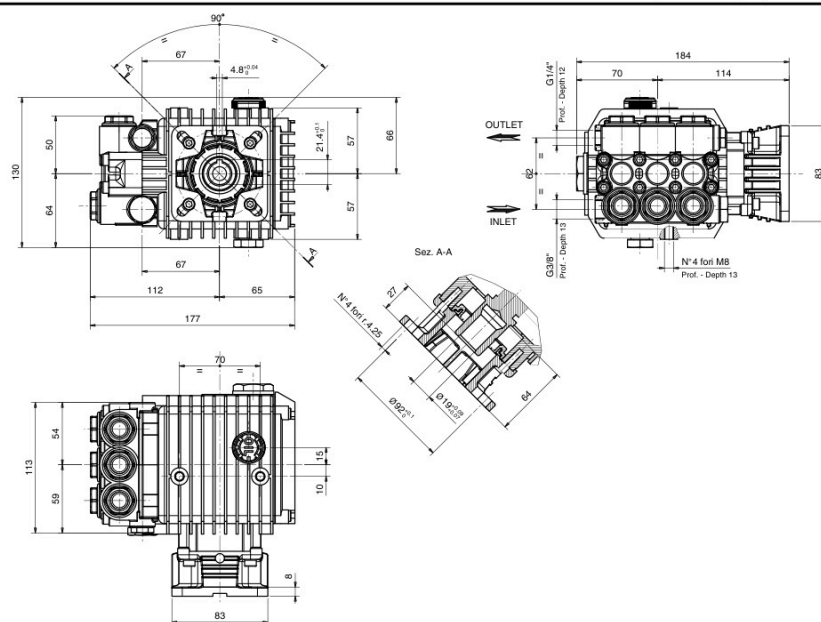


INTERPUMP 51 Series

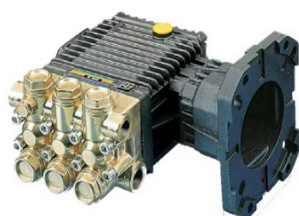


CODE / MODEL	FLOW	PRESSURE	SHAFT	PCD	POWER	SPEED	WEIGHT
	l/min	bar		mm	HP	rpm	Kg
WW907C	10,6	120	3/4" Hollow	92	3,3	3400	5,3

SERIES 51 DIMENSIONS

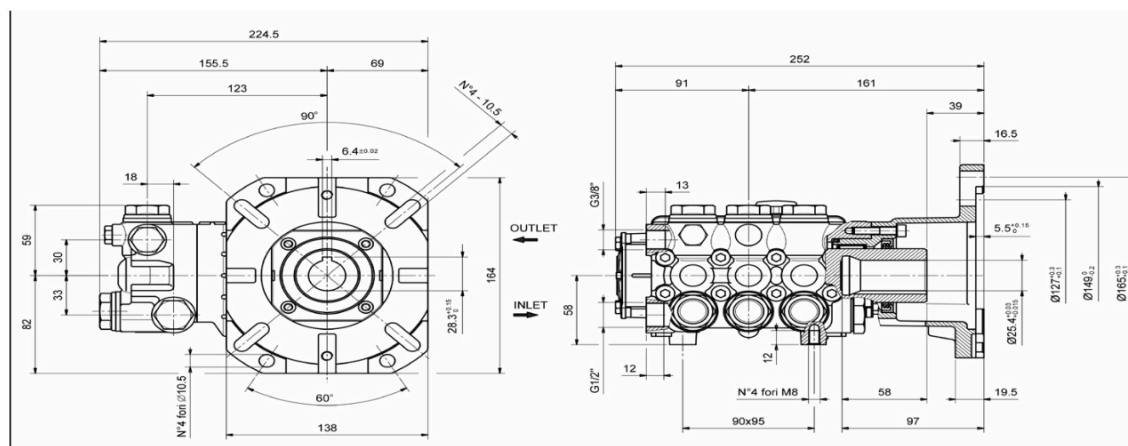


INTERPUMP 44 Series



CODE / MODEL	FLOW	PRESSURE	SHAFT	PCD	POWER	SPEED	WEIGHT
	l/min	bar		mm	HP	rpm	Kg
WW962C	18	200	1" Hollow	165	9,2	3400	9

SERIES 44 DIMENSIONS



INTERPUMP 44 Series 3 Piston Ceramic Plunger Pumps / Brass Head

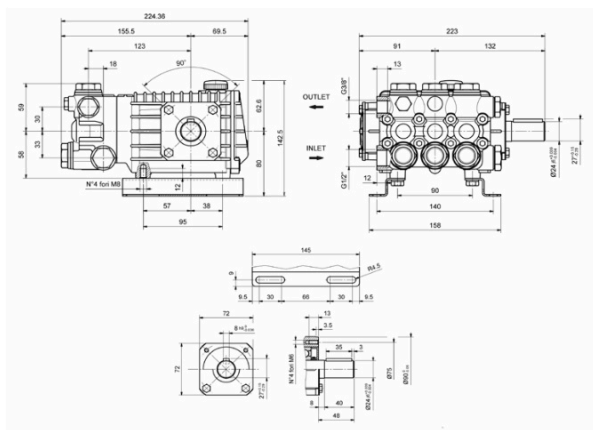


CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
W130	10	200	24mm Solid	75	3,77	1450	7,9
W130B	10	200	28mm Hollow	130	3,77	1450	7,9
W112	12	200	24mm Solid	75	4,53	1450	7,9
W112B	12	200	28mm Hollow	130	4,53	1450	7,9
W154	14	200	24mm Solid	75	5,28	1450	7,9
W154B	14	200	28mm Hollow	130	5,28	1450	7,9

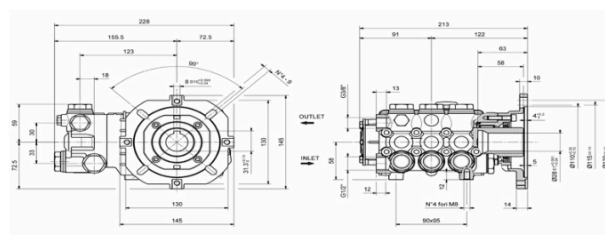
SERIES 44 DIMENSIONS



SOLID SHAFT



HOLLOW SHAFT

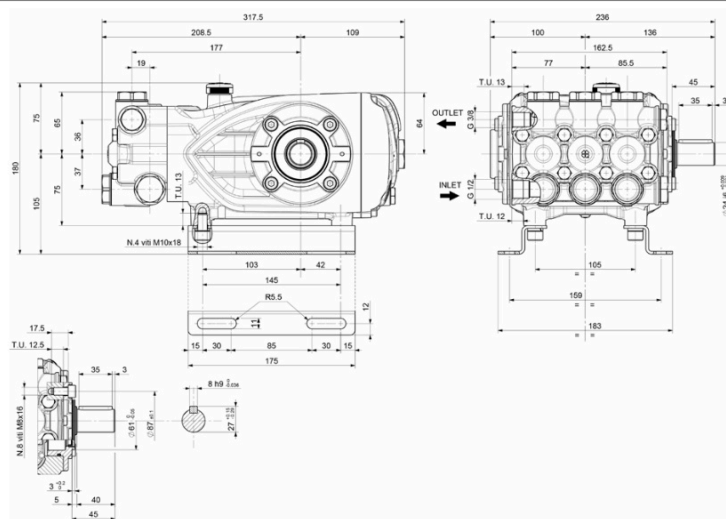


INTERPUMP 47 Series 3 Piston Ceramic Plunger Pumps / Brass Head



CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
WS151	15	200	24mm Solid	87	5,66	1450	14,5
WS132	18,6	200	24mm Solid	87	7,02	1450	14,5
WS102	21	200	24mm Solid	87	7,92	1450	14,5

SERIES 47 DIMENSIONS

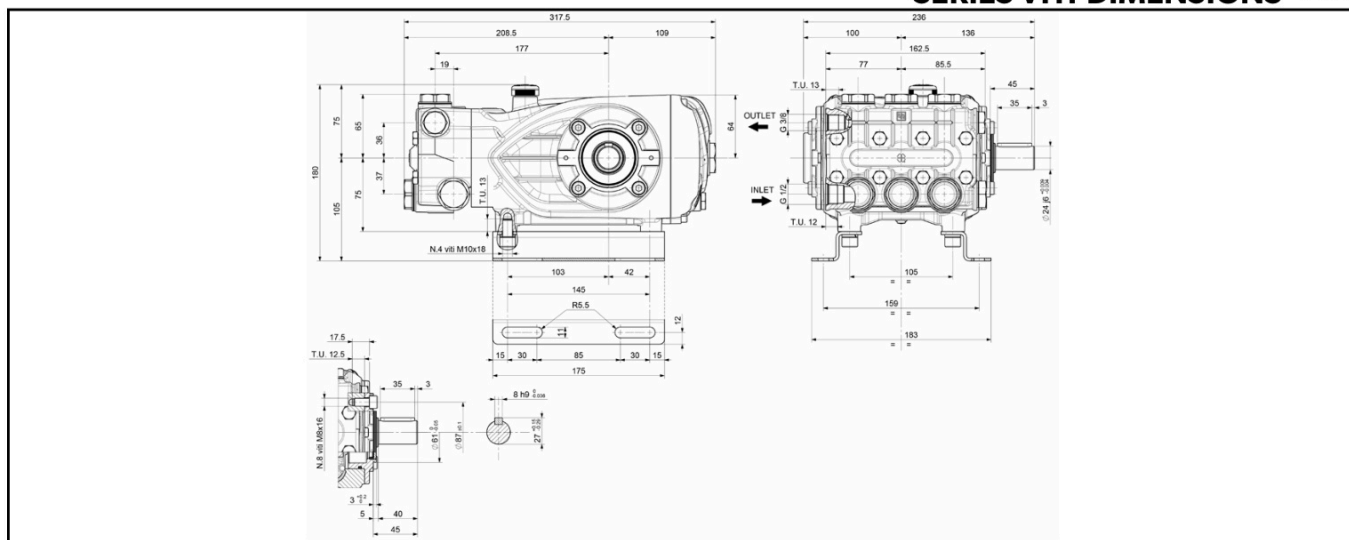


INTERPUMP VHT Series Hot water intake to 85 °C 3 Piston Ceramic Plunger Pumps / Brass Nickel Plated Head



CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
VHT4715	15	160	24mm Solid	87	4,53	1450	14,5
VHT4718	18	160	24mm Solid	87	5,43	1450	14,5

SERIES VHT DIMENSIONS

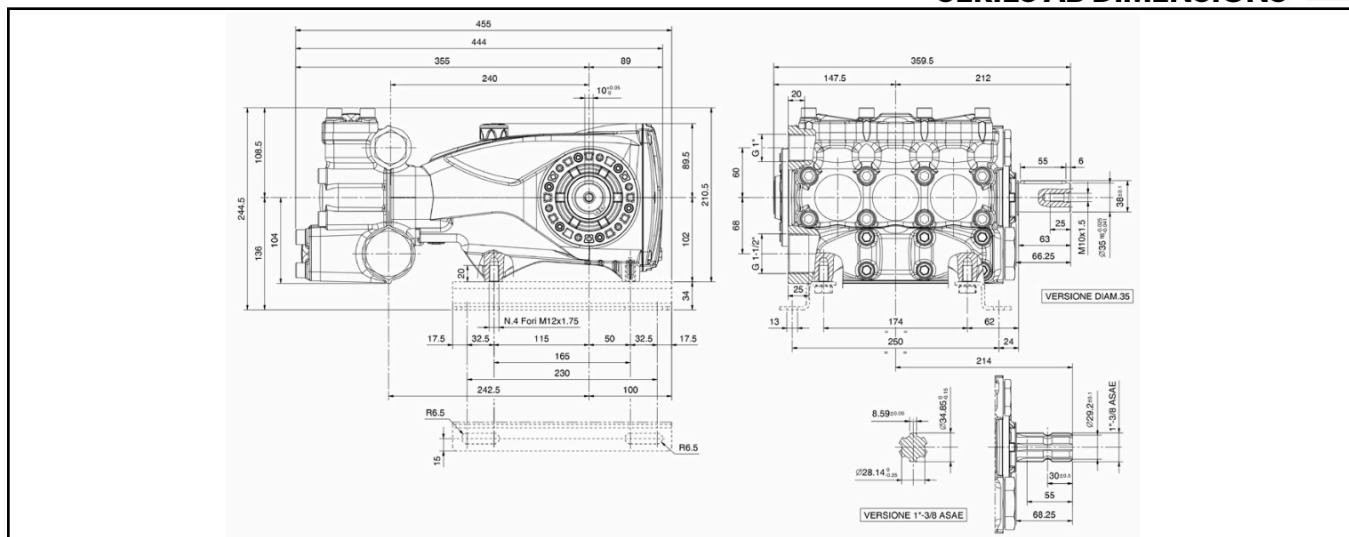


INTERPUMP AB Series 3 Piston Ceramic Plunger Pumps / Cast Iron Head



CODE / MODEL	FLOW l/min	PRESSURE bar	SHAFT	PCD mm	POWER kW	SPEED rpm	WEIGHT Kg
AB80	75	60	35mm Solid		8.49	550	41
AB90	90	60	35mm Solid		10.19	650	41
AB120	120	60	35mm Solid		13.58	550	41
AB140	140	60	35mm Solid		15.85	650	41
AB150	150	60	35mm Solid		16.98	550	41
AB180	180	60	35mm Solid		20.38	650	41

SERIES AB DIMENSIONS



Reduction Gearbox for Diesel and Petrol Engine

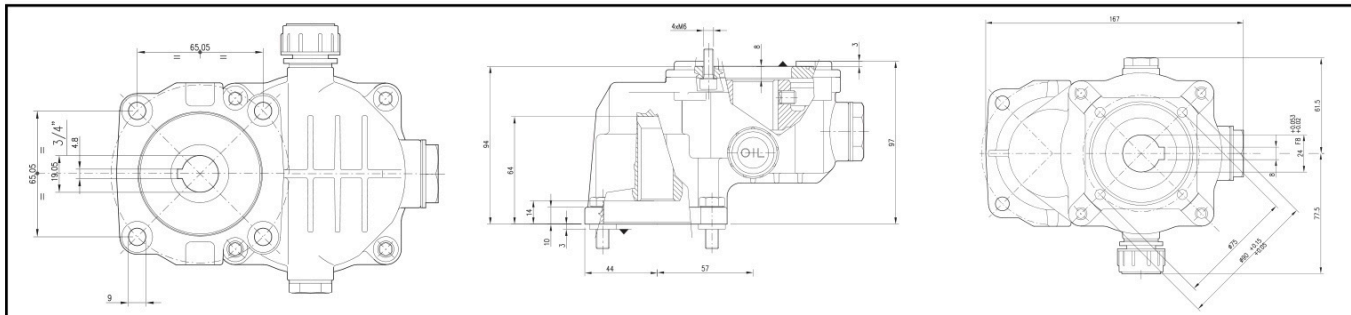


GEAR RATIO 2,3 : 1
ENGINE POWER 5,5 - 6,5 HP
OIL CAPACITY 0,15 L



CODE	WEIGHT	Ø DRIVE SHAFT	Ø PUMP SHAFT	ENGINE POWER	PUMP SERIES
50.0600.00	2,1	19,05 mm	3/4 inch	5,5 - 6,5 HP	RC, RR, 44

B5 GEARBOX DIMENSIONS



Reduction Gearbox for Diesel and Petrol Engine

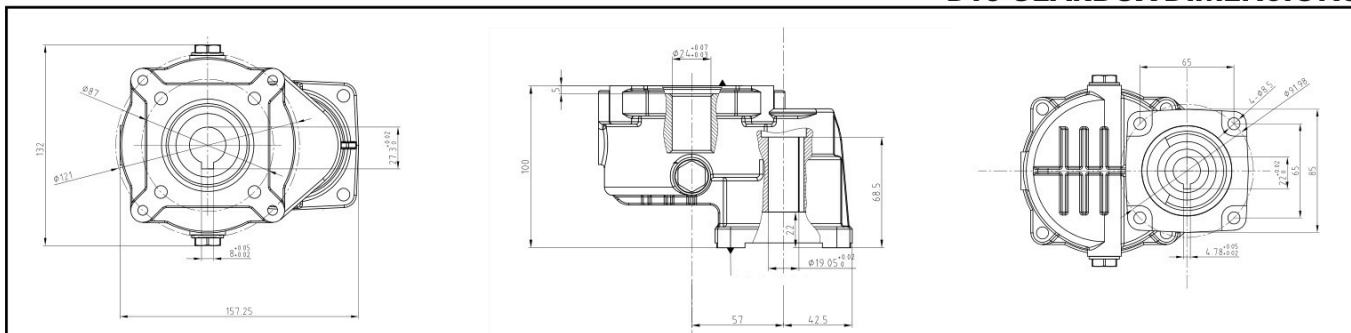


GEAR RATIO 2,176 : 1
ENGINE POWER 5,5 - 6,5 HP
OIL CAPACITY 0,32 L



CODE	WEIGHT	Ø DRIVE SHAFT	Ø PUMP SHAFT	ENGINE POWER	PUMP SERIES
D16	2,5	19,05 mm	0,75 inch	5,5-6,5 HP	CW, JPB

D16 GEARBOX DIMENSIONS



Reduction Gearbox for Diesel and Petrol Engine

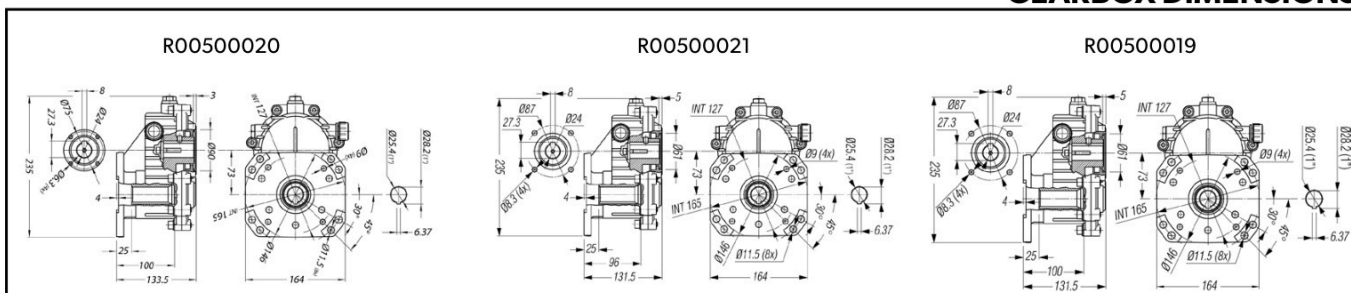


GEAR RATIO 1 : 2,19
ENGINE POWER 9,0 - 35,0 HP
OIL CAPACITY 0,25 L

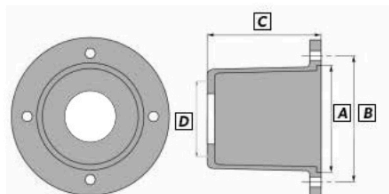


CODE	WEIGHT	Ø DRIVE SHAFT	Ø PUMP SHAFT	ENGINE POWER	PUMP SERIES
R00500020	4,7	25,4 mm	1 inch	9,0-23,0 HP	RC, RR, 44
R00500021	4,7	25,4 mm	1 inch	9,0-23,0 HP	CW, CS, JPB, JPC, RG, 47, 66
R00500019	4,7	28,6 mm	1 1/8 inch	31,0-35,0 HP	CX, JPD, RG, 47, 66

GEARBOX DIMENSIONS



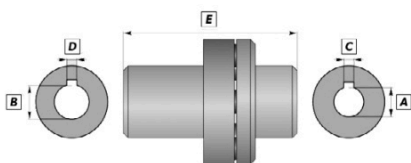
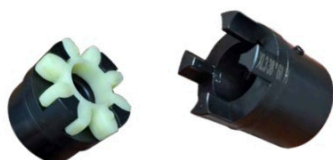
CEMSA Flange



CODE	WEIGHT	SUITABLE PUMPS				MOTOR FRAME	
		g	Interpump Series	Udor Series	AR	CEMSA	Frame Size mm
132ZF	1500	47 / 66	B / G / GK	RG	JPB / JPC / JPD	132	165

CODE	MEASUREMENTS			
	A (Ø)	B (Ø)	C (mm)	D (Ø)
132ZF	130	165	155	87

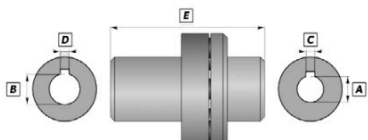
CEMSA Flexible Coupling



CODE	WEIGHT	SHAFT SIZING		MOTOR FRAME	RUBBER STUD
		g	Motor (mm)		
132ZG	1 700	38	24	132	132ZGR / 1 required

CODE	MEASUREMENTS				
	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
132ZG	24	38	8	10	115

CEMSA Large Flexible Couplings



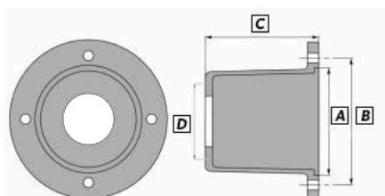
CODE	WEIGHT	SHAFT SIZING		MOTOR FRAME	RUBBER STUD
		g	Motor (mm)		
MPWL42024	2 500	42	24	160	MPWL42024C / 1 required
MPWX55030	3 700	55	30	200	MPWX55030C / 1 required

CODE	MEASUREMENTS				
	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
MPWL42024	24mm	42mm	8mm	12mm	112mm
MPWX55030	30mm	55mm	8mm	16mm	126mm

INTERPUMP Flanges



CODE		WEIGHT	SUITABLE PUMPS				MOTOR FRAME	
		g	Interpump Series	Udor Series	AR	CEMSA	Frame Size mm	Mounting Centres mm
A	ZF080	248	44 / 50 / 51	PK	RR / RC	-	80	100
B	ZF070	532	44 / 50 / 51	PK	RR / RC	-	90	115
C	ZF091	538	44 / 50 / 51	PK	RR / RC	-	100 / 112	130
D	ZF151	706	47 / 66	B / G / GK	RG	JPB / JPC / JPD	100 / 112	130
E	ZF132	1500	47 / 66	B / G / GK	RG	JPB / JPC / JPD	132	165



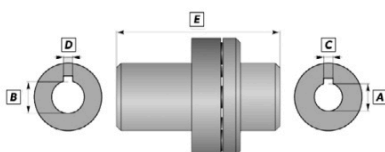
CODE	MEASUREMENTS			
	A (Ø)	B (Ø)	C (mm)	D (Ø)
ZF080	80	100-75	92.5	75
ZF070	70	100-75	92.5	75
ZF091	110	130-115	110	75
ZF151	110	130	110	87
ZF132	130	165	127	87



INTERPUMP Flexible Couplings



CODE	WEIGHT	SHAFT SIZING		MOTOR FRAME	RUBBER STUDS
		g	Motor (mm)		
ZG080	231	19	24	80	10.0090.47 / 4 required
ZG070	460	24	24	90	10.0090.47 / 6 required
ZG091	443	28	24	100 / 112	10.0090.47 / 6 required
ZG151	468	28	24	100 / 112	10.0090.47 / 6 required
ZG132	1080	38	24	132	10.0090.47 / 10 required



CODE	MEASUREMENTS				
	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
ZG080	24	19	8	6	81
ZG070	24	24	8	8	93
ZG091	24	28	8	8	93
ZG151	24	28	8	8	105
ZG132	24	38	8	10	120



Gearbox for PTO

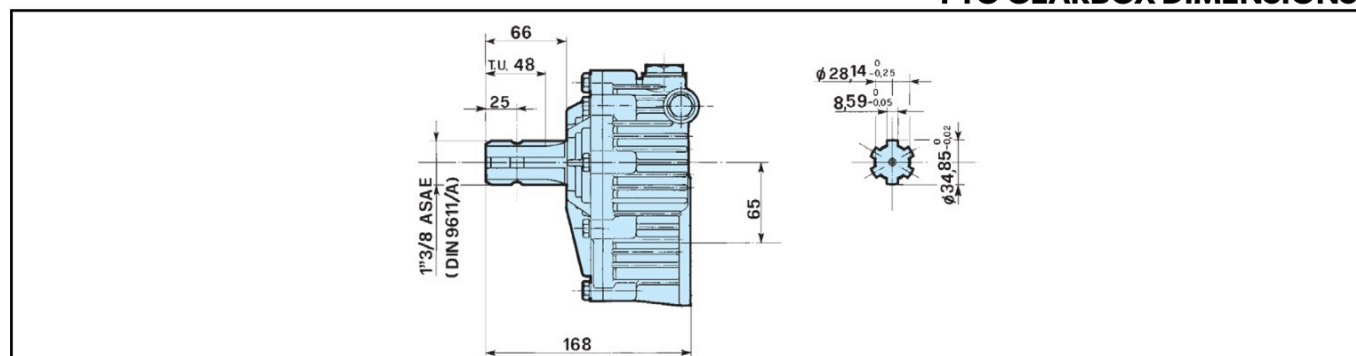


GEAR RATIO	1 : 1,9
ENGINE POWER	9,5 HP
OIL CAPACITY	0,2 L



CODE	WEIGHT	Ø DRIVE SHAFT		SHAFT TYPE	Ø PUMP SHAFT	PUMP SERIES
		mm	inch			
M.PTO	4,2	34,925	1"3/8	Spline	24	JPB, JPC, RG, 47

PTO GEARBOX DIMENSIONS





ELECTRIC MOTORS

ELECTRIC MOTORS

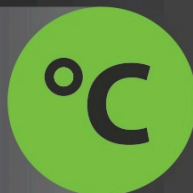
CEMSA's electric motors are sourced from two renowned companies. Nicolini & C hollow-shaft and Electromote solid shaft motors are designed and built specifically for use with high-pressure pumps.



SINGLE CAPACITOR
220V MOTORS



ECODESIGN
efficiency level IE3



HEAT DISSIPATION
squirrel cage

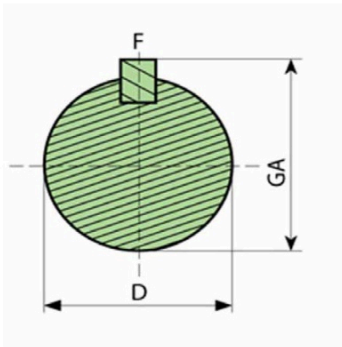
HIGHLIGHTS

- 01 IE3 rated Ecodesign ensures higher energy efficiency.
- 02 Squirrel cage design efficiently dissipates heat, extending motor lifespan.
- 03 Hollow shaft motors enable compact pump and motor setups, ideal for smaller builds & designs.
- 04 Solid shaft motors cater for fitting of a flange and flexible coupling enhancing serviceability.

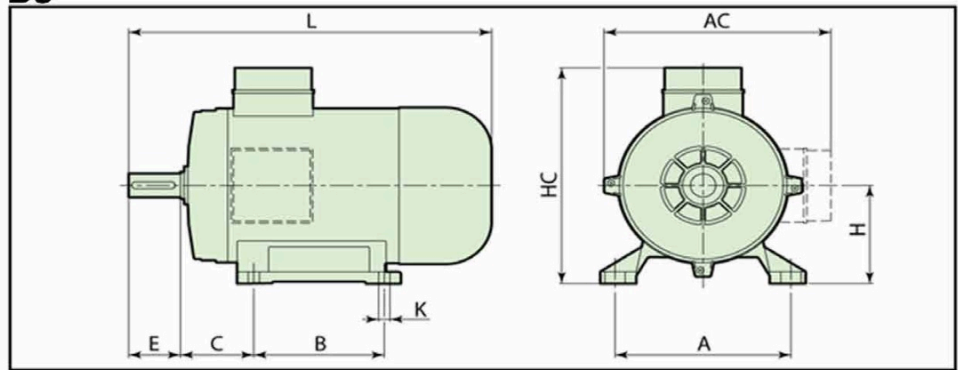
ELECTRIC MOTORS

MOTOR DIMENSIONS	30
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7.5KW - 30KW MOTORS	33
SOLID SHAFT BREAKDOWN	34
ELECTROMOTE SPARES	35
HOLLOW FLANGE BREAKDOWN	36
NICOLINI & C SPARES	37

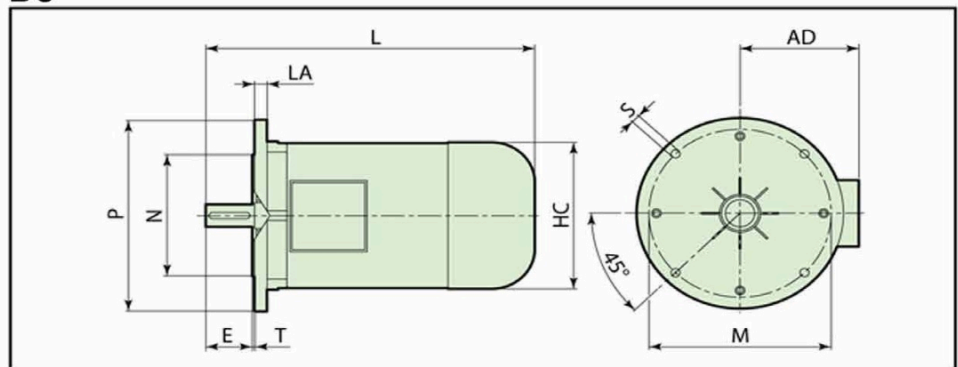
Overall Dimensions



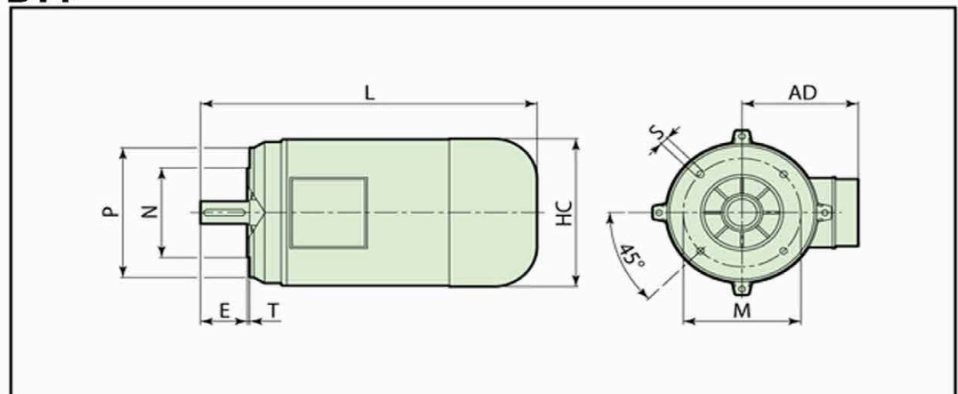
B3



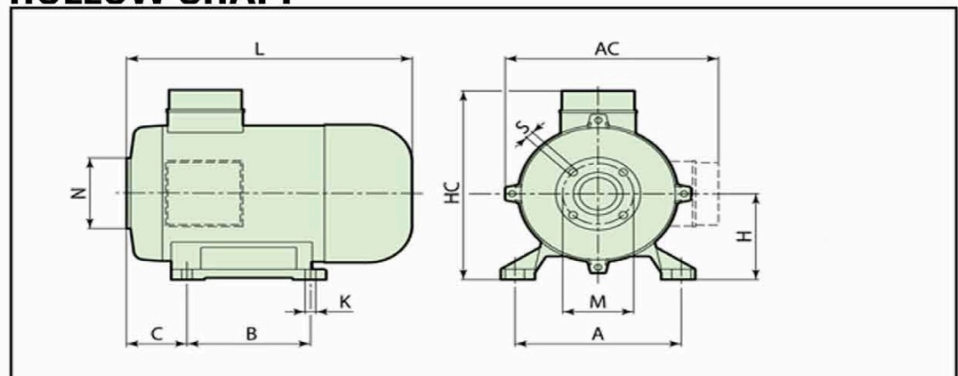
B5



B14



HOLLOW SHAFT



Overall Dimensions

B3

FRAME	D	E	SHAFT F	GA	M	N	P	FLANGE S	T	LA	A	AC	AD	B	FRAME C	H	HC	L	K
63	11	23	4	12,5							100	158		80	40	63	163	202	7
71	14	30	5	16							112	176		90	45	71	180	245	7
80	19	40	6	21,5							125	217		100	50	80	205	278	9,5
90S	24	50	8	27							140	238		100	56	90	220	305	9,5
90L	24	50	8	27							140	238		125	56	90	220	330	9,5
100L	24/28	60	8	31							160	255		140	63	100	240	368	12
112M	28	60	8	31							190	266		140	70	112	265	388	12
132S	38	80	10	41							216	326		140	89	132	320	448	12
132M	38	80	10	41							216	326		178	89	132	320	486	12
160M	42	110	12	45							210	108		210	108	160	410	600	14,5

B5

FRAME	D	E	SHAFT F	GA	M	N	P	FLANGE S	T	LA	A	AC	AD	B	FRAME C	H	HC	L	K
63	11	23	4	12,5	115	95	140	9	3	9			97				124	202	
71	14	30	5	16	130	110	160	9	3,5	9			107				140	245	
80	19	40	6	21,5	165	130	200	11	3,5	13			140				158	278	
90S	24	50	8	27	165	130	200	11	3,5	13			150				173	305	
90L	24	50	8	27	165	130	200	11	3,5	13			150				173	330	
100L	28	60	8	31	215	180	250	13	4	13			159				196	368	
112M	28	60	8	31	215	180	250	13	4	13			170				222	388	
132S	38	80	10	41	265	230	300	13	4	20			196				260	448	
132M	38	80	10	41	265	230	300	13	4	20			196				260	486	
160M	42	110	12	45	300	250	350	18	5	20			245				310	600	

B14

FRAME	D	E	SHAFT F	GA	M	N	P	FLANGE S	T	LA	A	AC	AD	B	FRAME C	H	HC	L	K
63	11	23	4	12,5	75	60	90	M5	2,5	11			97				124	202	
71	14	30	5	16	85	70	105	M6	2,5	11			107				140	245	
80	19	40	6	21,5	100	80	120	M6	3	12			140				158	278	
90S	24	50	8	27	115	95	140	M8	3	14			150				173	305	
90L	24	50	8	27	115	95	140	M8	3	14			150				173	330	
100L	28	60	8	31	130	110	160	M8	3,5	16			159				196	368	
112M	28	60	8	31	130	110	160	M8	3,5	16			170				222	388	
132S	38	80	10	41	165	130	200	M10	4	18			196				260	448	
132M	38	80	10	41	165	130	200	M10	4	18			196				260	486	
160M _R	38	80	10	41	165	130	200	M10	4				245				310	570	
160M	42	110	12	45	215	180	250	M12	4				245				310	600	

Hollow Shaft

FRAME	D	E	SHAFT F	GA	M	N	P	FLANGE S	T	LA	A	AC	AD	B	FRAME C	H	HC	L	K
71					75	90		7			112	180		90		71	184	217	7
90L					75/87	90/61		7			140	238		125		90	220	270	9,5
100L					75/87	90/61		9			160	255		140		100	240	315	11
112M					75/87	90/61		9			216	326		140		132	265	330	11
132S					75/87	90/61		9			216	326		140		132	320	370	12
132M					75/87	90/61		9			216	326		178		132	320	409	12
160M					87	61		9			254	360		210		160	410	498	14,5

1.5kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC01220-090	1.5kW220V4PSB3B14	220 / 50	1440	24mm Solid	B3 / B14	90	21,0	ELECTROMOTE
ELEC01380-090	1.5kW380V4PSB3B14	380 / 50	1440	24mm Solid	B3 / B14	90	15,3	ELECTROMOTE

2.2kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC02220-28MM	2.2KW220V4PSB3B14	220 / 50	1440	28mm Solid	B3 / B14	100	21,0	ELECTROMOTE
ELEC02380-28MM	2.2KW380V4PSB3B14	380 / 50	1440	28mm Solid	B3 / B14	100	20,0	ELECTROMOTE
NIC002220	2.2KW220V4PSB3B14	220 / 50	1440	24mm Solid	B3 / B14	90	22,0	NICOLINI

3kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
NIC003220	3KW220V4PSB3B14	220 / 50	1440	28mm Solid	B3 / B14	100	26,0	NICOLINI
NICH03220	3KW220V4PH47B3	220 / 50	1440	24mm Hollow	47" / B3	100	21,9	NICOLINI

4kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC04380-112	4KW380V4PSB3B14	380 / 50	1440	28mm Solid	B3 / B14	112	24,0	ELECTROMOTE
NICH04380	4KW380V4PH47B3	380 / 50	1440	24mm Hollow	47" / B3	112	28,95	NICOLINI

5.5kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC05380-112	5.5KW380V4PSB3B14	380 / 50	1440	28mm Solid	B3 / B14	112	33,0	ELECTROMOTE
ELEC05525-112	5.5KW525V4PSB3B14	525 / 50	1440	28mm Solid	B3 / B14	112	33,0	ELECTROMOTE
ELEC05380-132	5.5KW380V4PSB3B14	380 / 50	1440	38mm Solid	B3 / B14	132	35,5	ELECTROMOTE
ELEC05525-132	5.5KW525V4PSB3B14	525 / 50	1440	38mm Solid	B3 / B14	132	35,5	ELECTROMOTE
NICH05380	5.5KW380V4PH47B3	380 / 50	1440	24mm Hollow	47" / B3	112	31,5	NICOLINI
NICH05525	5.5KW525V4PH47B3	525 / 50	1440	24mm Hollow	47" / B3	112	31,5	NICOLINI

7.5kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC07380-112	7.5KW380V4PSB3B14	380 / 50	1440	28mm Solid	B3 / B14	112	37,0	ELECTROMOTE
ELEC07380-132	7.5KW380V4PSB3B14	380 / 50	1440	38mm Solid	B3 / B14	132	48,0	ELECTROMOTE
ELEC07525-132	7.5KW525V4PSB3B14	525 / 50	1440	38mm Solid	B3 / B14	132	48,0	ELECTROMOTE
NICH07380	7.5KW380V4PH47B3	380 / 50	1440	24mm Hollow	47" / B3	132	46,0	NICOLINI
NICH07525	7.5KW525V4PH47B3	525 / 50	1440	24mm Hollow	47" / B3	132	46,0	NICOLINI

11kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC11380-132	11KW380V4PSB3B14	380 / 50	1440	38mm Solid	B3 / B14	132	73,0	ELECTROMOTE
ELEC11525-132	11KW525V4PSB3B14	525 / 50	1440	38mm Solid	B3 / B14	132	94,0	ELECTROMOTE
NICH11380	11KW380V4PH47B3	380 / 50	1440	24mm Hollow	47" / B3	132	58,0	NICOLINI
NICH11525	11KW525V4PH47B3	525 / 50	1440	24mm Hollow	47" / B3	132	58,0	NICOLINI

15kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC15380-132	15KW380V4PSB3B14	380 / 50	1440	38mm Solid	B3 / B14	132	94,0	ELECTROMOTE
ELEC15525-132	15KW525V4PSB3B14	525 / 50	1440	38mm Solid	B3 / B14	132	94,0	ELECTROMOTE

22kW Electric Motors



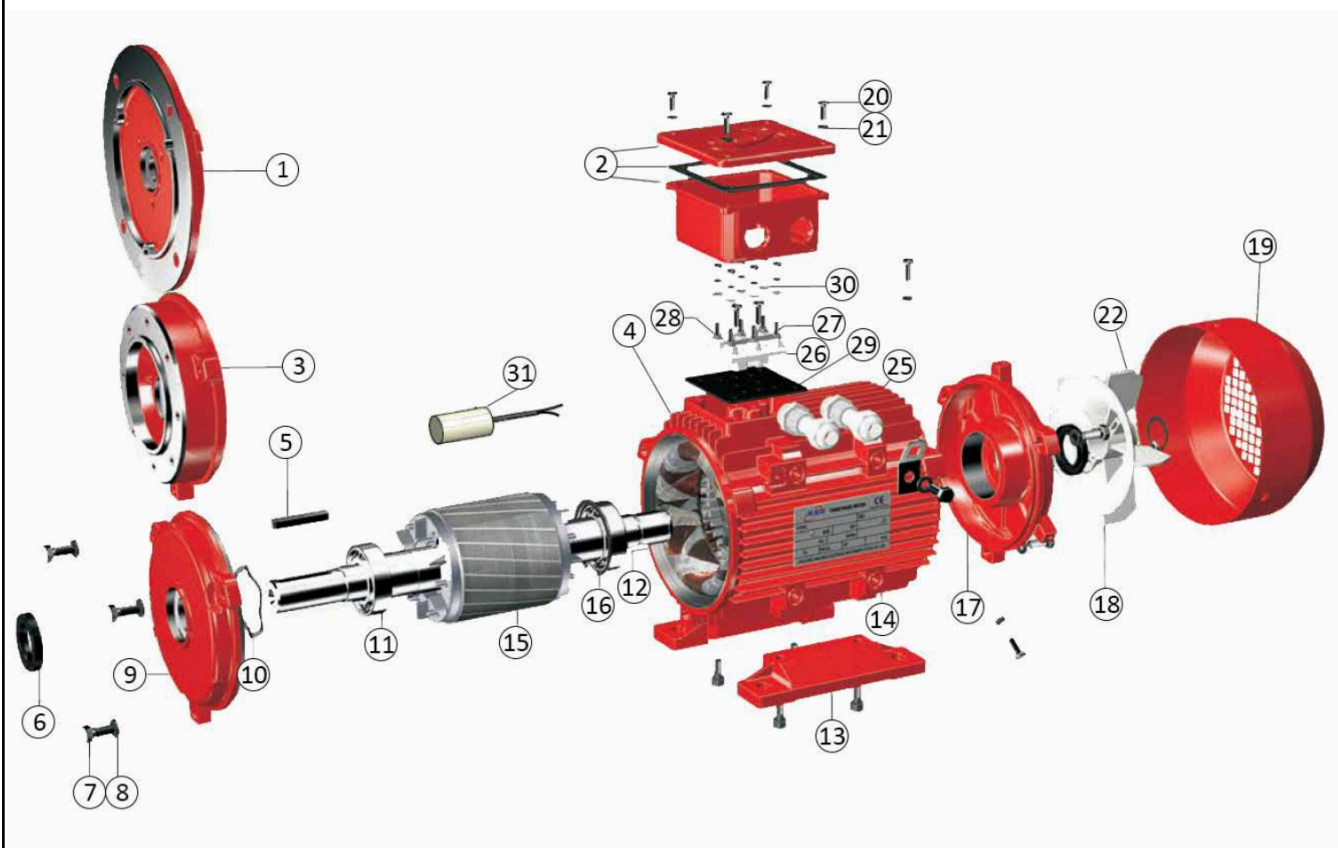
CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC22380-160	22KW380V4PSB3	380 / 50	1440	42mm Solid	B3	160	101,0	ELECTROMOTE
ELEC22525-160	22KW525V4PSB3	525 / 50	1440	42mm Solid	B3	160	101,0	ELECTROMOTE

30kW Electric Motors



CODE	MODEL	VOLTAGE	SPEED	SHAFT	MOUNTING	FRAME SIZE	WEIGHT	MANUFACTURER
		V / Hz	rpm				kg	
ELEC30380-200	30KW380V4PSB3	380 / 50	1440	55mm Solid	B3	200	230,0	ELECTROMOTE
ELEC30525-200	30KW525V4PSB3	525 / 50	1440	55mm Solid	B3	200	230,0	ELECTROMOTE

Solid Shaft Breakdown



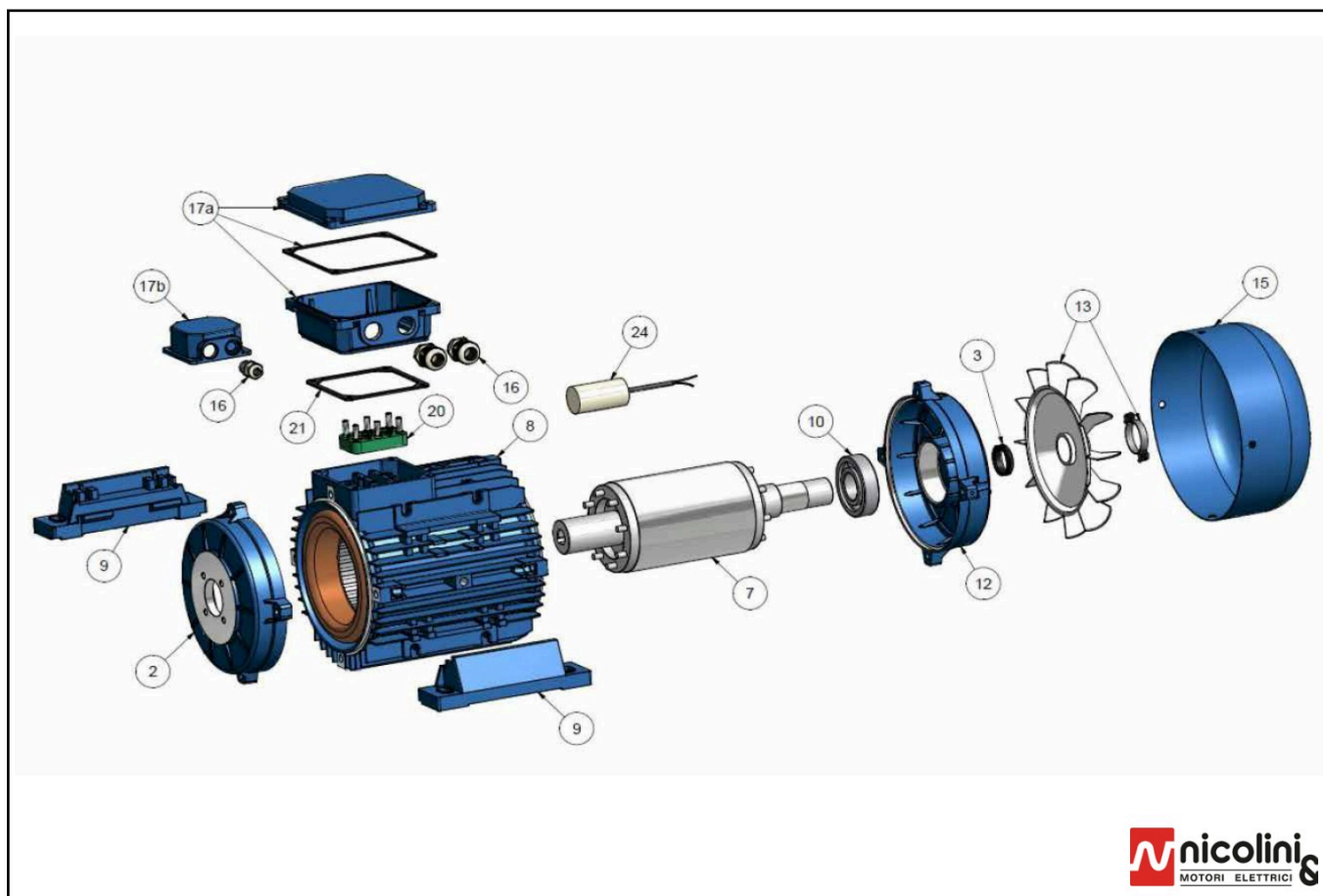
Electromote

POSITION	DESCRIPTION
2	Terminal Box
3 / 9	Flange
13	Separate Feet
17	Rear Shield
18	Fan
19	Fan Cover
22	Fan Clamp
31	Capacitor

NOTES

This image shows a blank sheet of handwriting practice paper. It features a series of horizontal dashed lines for letter height guidance, starting from a solid green line at the top. The lines are evenly spaced and extend across the width of the page. There are no margins or other markings present.

Hollow Shaft Breakdown



POSITION	DESCRIPTION
6	Key
7	Rotor shaft
8	Casing & coil
9	Separate feet
10	Bearings
11	Split ring
12	Rear shield
13	Fan
14	Fan fixing ring
15	Fan cover
16	Core hitch
17	Terminal box
18	O-ring seal
19	Cover box
20	Terminal strip
21	Seal for cover
1	Flange 47
3	Rubber seal ring
24	Capacitor

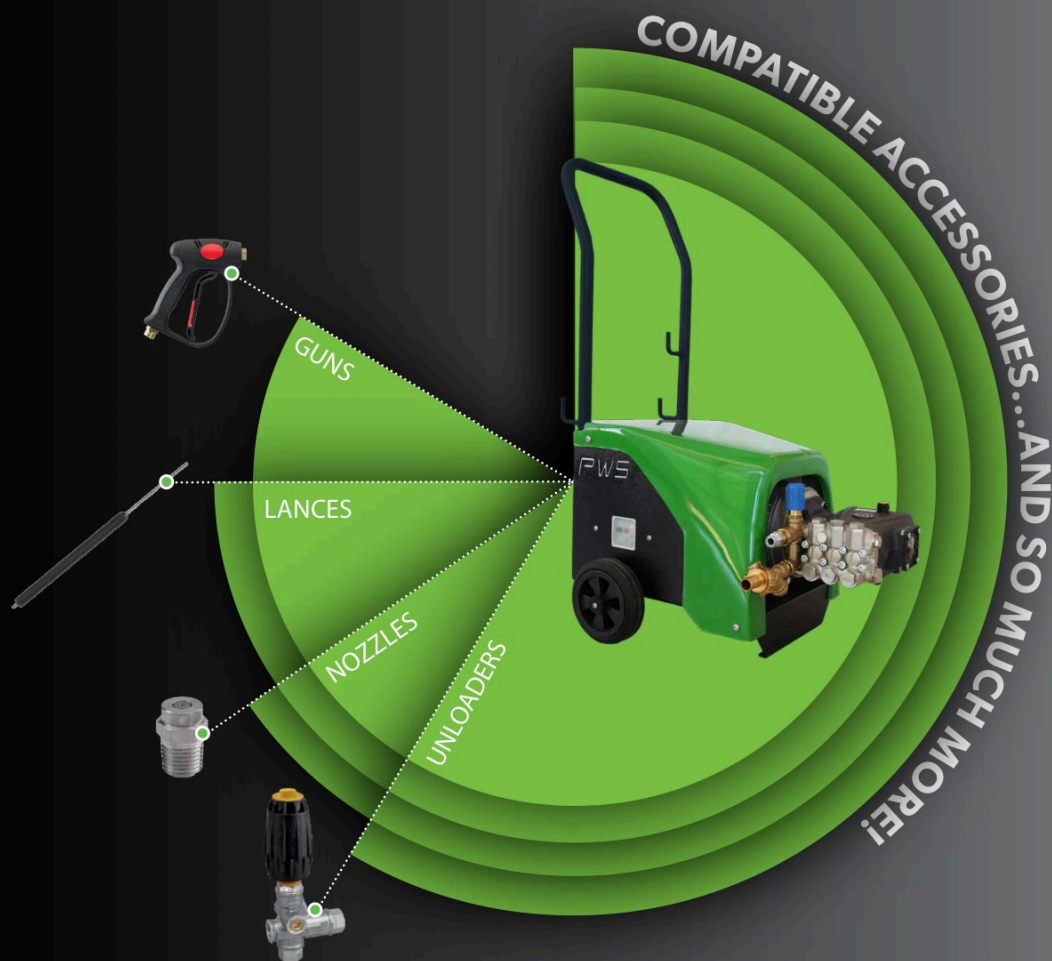
NOTES



ACCESSORIES

ACCESSORIES

CEMSA sources a comprehensive range of spares and accessories for your everyday service requirements.



HIGHLIGHTS

- 01 CEMSA maintains a comprehensive inventory of compatible spares and accessories from leading global brands.
- 02 We stock a full range of spares and accessories at our strategic branches in Pretoria, Cape Town, and Durban.

ACCESSORIES

USEFUL INFORMATION	40	FLANGES, COUPLINGS, & GEARBOXES	90
HIGH-PRESSURE GUNS & LANCES	44	FLOAT VALVES & WATER TANKS	94
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CHEMICAL INJECTORS & FOAM LANCES	54	PLASTIC HOSETAILS & FITTINGS	98
HIGH-PRESSURE BOILERS	56	STEEL FITTINGS	102
HIGH-PRESSURE NOZZLES	58	BRASS FITTINGS	103
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DRAIN JETTING NOZZLES	66	HIGH-PRESSURE HOSE	114
BARREL & TANK CLEANING	70	SWINGBOOMS	116
SURFACE CLEANERS & SLUDGE PUMP	72		
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SWIVELS & WATER FILTERS	78		
BALL VALVES	82		
PRESSURE & FLOW SWITCHES	83		
ELECTRICAL STARTERS	86		
PROTECTIVE CLOTHING	88		
FLANGES, COUPLINGS & GEARBOXES	90		

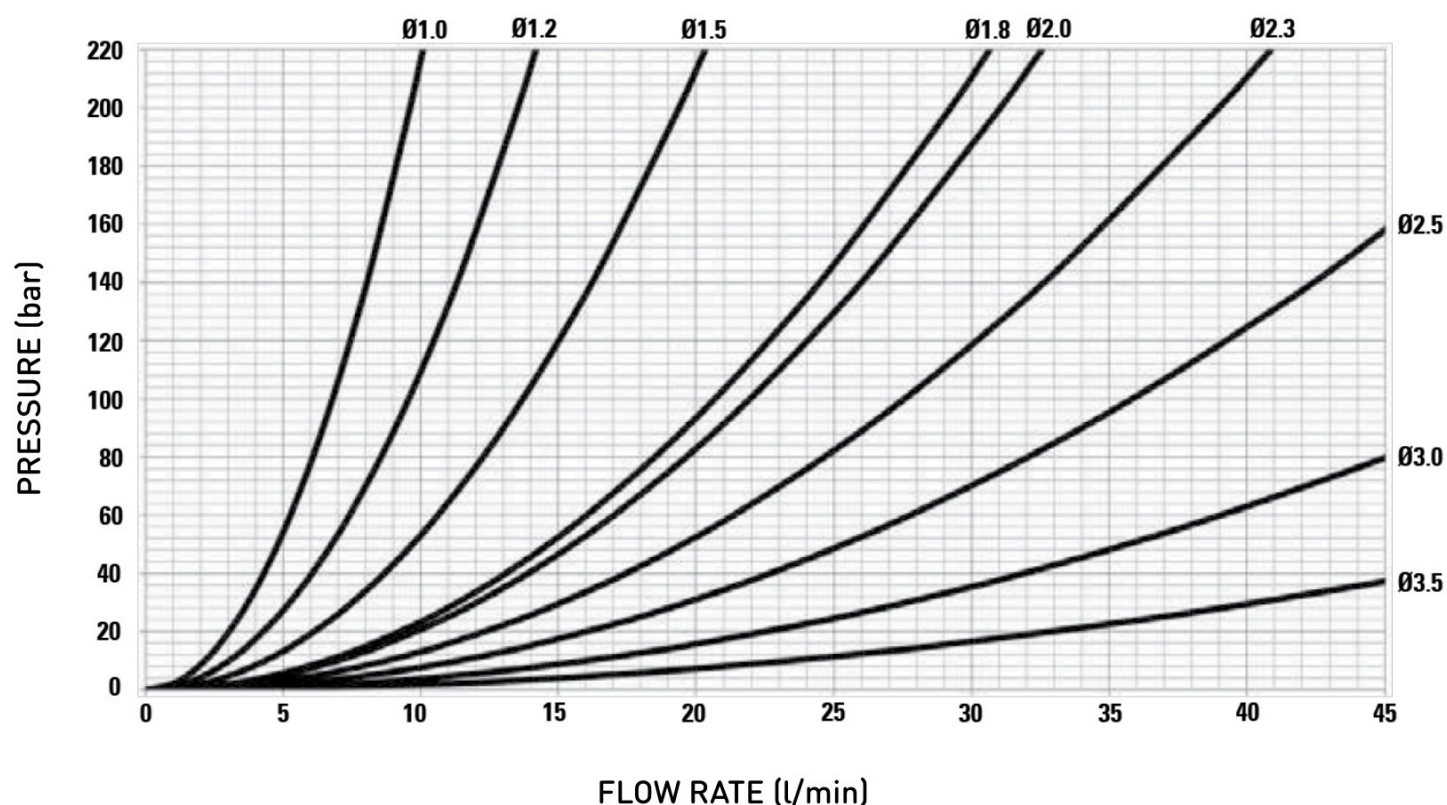
Nozzle Selection Chart - A

NOZZLE SIZE F.P.	DIA Ø MM	bar																								
		20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500
015	0,80	1,5	2,2	2,6	3,1	3,4	3,7	4,0	4,3	4,6	4,8	5,1	5,3	5,5	5,7	5,9	6,1	6,3	6,5	6,7	6,8	7,0	7,2	7,3	7,5	7,6
02	0,91	2,0	2,9	3,5	4,1	4,6	5,0	5,4	5,8	6,1	6,4	6,8	7,1	7,4	7,6	7,9	8,2	8,4	8,7	8,9	9,1	9,3	9,6	9,8	10,0	10,2
025	1,00	2,5	3,6	4,4	5,1	5,7	6,2	6,7	7,2	7,6	8,1	8,5	8,8	9,2	9,5	9,9	10,2	10,5	10,8	11,1	11,4	11,7	12,0	12,2	12,5	12,7
03	1,09	3,1	4,3	5,3	6,1	6,8	7,5	8,1	8,7	9,2	9,7	10,1	10,6	11,0	11,4	11,8	12,2	12,6	13,0	13,3	13,7	14,0	14,3	14,7	15,0	15,3
035	1,15	3,6	5,0	6,2	7,1	8,0	8,7	9,4	10,1	10,7	11,3	11,8	12,4	12,9	13,4	13,8	14,3	14,7	15,1	15,6	16,0	16,4	16,7	17,1	17,5	17,8
04	1,19	4,1	5,8	7,1	8,2	9,1	10,0	10,8	11,5	12,2	12,9	13,5	14,1	14,7	15,3	15,8	16,3	16,8	17,3	17,8	18,2	18,7	19,1	19,6	20,0	20,4
045	1,27	4,6	6,5	7,9	9,2	10,3	11,2	12,1	13,0	13,8	14,5	15,2	15,9	16,5	17,2	17,8	18,4	18,9	19,5	20,0	20,5	21,0	21,5	22,0	22,5	22,9
05	1,35	5,1	7,2	8,8	10,2	11,4	12,5	13,5	14,4	15,3	16,1	16,9	17,7	18,4	19,1	19,7	20,4	21,0	21,6	22,2	22,8	23,4	23,9	24,5	25,0	25,5
055	1,40	5,6	7,9	9,7	11,2	12,5	13,7	14,8	15,9	16,8	17,7	18,6	19,4	20,2	21,0	21,7	22,4	23,1	23,8	24,4	25,1	25,7	26,3	26,9	27,5	28,0
06	1,47	6,1	8,7	10,6	12,2	13,7	15,0	16,2	17,3	18,4	19,3	20,3	21,2	22,1	22,9	23,7	24,5	25,2	26,0	26,7	27,4	28,0	28,7	29,3	30,0	30,6
065	1,52	6,6	9,4	11,5	13,3	14,8	16,2	17,5	18,7	19,9	21,0	22,0	23,0	23,9	24,8	25,7	26,5	27,3	28,1	28,9	29,6	30,4	31,1	31,8	32,5	33,1
07	1,60	7,1	10,1	12,4	14,3	16,0	17,5	18,9	20,2	21,4	22,6	23,7	24,7	25,7	26,7	27,6	28,6	29,4	30,3	31,1	31,9	32,7	33,5	34,2	35,0	35,7
075	1,65	7,6	10,8	13,2	15,3	17,1	18,7	20,2	21,6	22,9	24,2	25,4	26,5	27,6	28,6	29,6	30,6	31,5	32,4	33,3	34,2	35,0	35,9	36,7	37,5	38,2
08	1,70	8,2	11,5	14,1	16,3	18,2	20,0	21,6	23,1	24,5	25,8	27,1	28,3	29,4	30,5	31,6	32,6	33,6	34,6	35,6	36,5	37,4	38,3	39,1	40,0	40,8
085	1,75	8,7	12,3	15,0	17,3	19,4	21,2	22,9	24,5	26,0	27,4	28,7	30,0	31,2	32,4	33,6	34,7	35,7	36,8	37,8	38,8	39,7	40,7	41,6	42,5	43,3
09	1,80	9,2	13,0	15,9	18,4	20,5	22,5	24,3	26,0	27,5	29,0	30,4	31,8	33,1	34,3	35,5	36,7	37,8	38,9	40,0	41,0	42,1	43,0	44,0	45,0	45,9
095	1,85	9,7	13,7	16,8	19,4	21,7	23,7	25,6	27,4	29,1	30,6	32,1	33,6	34,9	36,2	37,5	38,7	39,9	41,1	42,2	43,3	44,4	45,4	46,5	47,5	48,4
10	1,90	10,2	14,4	17,7	20,4	22,8	25,0	27,0	28,8	30,6	32,2	33,8	35,3	36,8	38,2	39,5	40,8	42,0	43,3	44,4	45,6	46,7	47,8	48,9	50,0	51,0
12	2,08	12,2	17,3	21,2	24,5	27,4	30,0	32,4	34,6	36,7	38,7	40,6	42,4	44,1	45,8	47,4	48,9	50,4	51,9	53,3	54,7	56,1	57,4	58,7	59,9	61,2
14	2,26	14,3	20,2	24,7	28,6	31,9	35,0	37,8	40,4	42,8	45,1	47,3	49,5	51,5	53,4	55,3	57,1	58,9	60,6	62,2	63,8	65,4	67,0	68,5	69,9	71,4
16	2,41	16,3	23,1	28,3	32,6	36,5	40,0	43,2	46,1	48,9	51,6	54,1	56,5	58,8	61,0	63,2	65,3	67,3	69,2	71,1	73,0	74,8	76,5	78,2	79,9	81,6
18	2,54	18,4	26,0	31,8	36,7	41,0	45,0	48,6	51,9	55,1	58,0	60,9	63,6	66,2	68,7	71,1	73,4	75,7	77,9	80,0	82,1	84,1	86,1	88,0	89,9	91,8
20	2,69	20,4	28,8	35,3	40,8	45,6	50,0	54,0	57,7	61,2	64,5	67,6	70,6	73,5	76,3	79,0	81,6	84,1	86,5	88,9	91,2	93,5	95,7	97,8	99,9	102,0
25	3,00	25,5	36,0	44,2	51,0	57,0	62,4	67,4	72,1	76,5	80,6	84,5	88,3	91,9	95,4	98,7	102,0	105,1	108,1	111,1	114,0	116,8	119,6	122,3	124,9	127,5
30	3,30	30,6	43,3	53,0	61,2	68,4	74,9	80,9	86,5	91,8	96,7	101,5	106,0	110,3	114,5	118,5	122,4	126,1	129,8	133,3	136,8	140,2	143,5	146,7	149,9	152,9
40	3,80	40,8	57,7	70,6	81,6	91,2	99,9	107,9	115,4	122,4	129,0	135,3	141,3	147,1	152,6	158,0	163,1	168,2	173,0	177,8	182,4	186,9	191,3	195,6	199,8	203,9
50	4,20	51,0	72,1	88,3	102,0	114,0	124,9	134,9	144,2	152,9	161,2	169,1	176,6	183,8	190,8	197,5	203,9	210,2	216,3	222,2	228,0	233,6	239,1	244,5	249,8	254,9
60	4,70	61,2	86,5	106,0	122,4	136,8	149,9	161,9	173,0	183,5	193,5	202,9	211,9	220,6	228,9	236,9	244,7	252,2	259,6	266,7	273,6	280,4	287,0	293,4	299,7	305,9

Nozzle Selection Chart - A

NOZZLE SIZE F.P	DIA Ø MM	bar																								
		520	540	560	580	600	620	640	660	680	700	720	740	760	780	800	820	840	860	880	900	920	940	960	980	1000
015	0,80	7,8	7,9	8,1	8,2	8,4	8,5	8,7	8,8	8,9	9,0	9,2	9,3	9,4	9,6	9,7	9,8	9,9	10,0	10,1	10,3	10,4	10,5	10,6	10,7	10,8
02	0,91	10,4	10,6	10,8	11,0	11,2	11,4	11,5	11,7	11,9	12,1	12,2	12,4	12,6	12,7	12,9	13,1	13,2	13,4	13,5	13,7	13,8	14,0	14,1	14,3	14,4
025	1,00	13,0	13,2	13,5	13,7	14,0	14,2	14,4	14,6	14,9	15,1	15,3	15,5	15,7	15,9	16,1	16,3	16,5	16,7	16,9	17,1	17,3	17,5	17,7	17,8	18,0
03	1,09	15,6	15,9	16,2	16,5	16,8	17,0	17,3	17,6	17,8	18,1	18,4	18,6	18,9	19,1	19,3	19,6	19,8	20,1	20,3	20,5	20,7	21,0	21,2	21,4	21,6
035	1,15	18,2	18,5	18,9	19,2	19,5	19,9	20,2	20,5	20,8	21,1	21,4	21,7	22,0	22,3	22,6	22,9	23,1	23,4	23,7	23,9	24,2	24,5	24,7	25,0	25,2
04	1,19	20,8	21,2	21,6	22,0	22,3	22,7	23,1	23,4	23,8	24,1	24,5	24,8	25,1	25,5	25,8	26,1	26,4	26,7	27,1	27,4	27,7	28,0	28,3	28,6	28,8
045	1,27	23,4	23,8	24,3	24,7	25,1	25,5	26,0	26,4	26,8	27,1	27,5	27,9	28,3	28,7	29,0	29,4	29,7	30,1	30,4	30,8	31,1	31,5	31,8	32,1	32,4
05	1,35	26,0	26,5	27,0	27,5	27,9	28,4	28,8	29,3	29,7	30,2	30,6	31,0	31,4	31,8	32,2	32,6	33,0	33,4	33,8	34,2	34,6	35,0	35,3	35,7	36,0
055	1,40	28,6	29,1	29,7	30,2	30,7	31,2	31,7	32,2	32,7	33,2	33,6	34,1	34,6	35,0	35,5	35,9	36,3	36,8	37,2	37,6	38,0	38,4	38,9	39,3	39,7
06	1,47	31,2	31,8	32,4	32,9	33,5	34,1	34,6	35,1	35,7	36,2	36,7	37,2	37,7	38,2	38,7	39,2	39,6	40,1	40,6	41,0	41,5	41,9	42,4	42,8	43,3
065	1,52	33,8	34,4	35,1	35,7	36,3	36,9	37,5	38,1	38,6	39,2	39,8	40,3	40,9	41,4	41,9	42,4	43,0	43,5	44,0	44,5	45,0	45,4	45,9	46,4	46,9
07	1,60	36,4	37,1	37,8	38,4	39,1	39,7	40,4	41,0	41,6	42,2	42,8	43,4	44,0	44,6	45,1	45,7	46,3	46,8	47,3	47,9	48,4	48,9	49,5	50,0	50,5
075	1,65	39,0	39,7	40,5	41,2	41,9	42,6	43,3	43,9	44,6	45,2	45,9	46,5	47,1	47,8	48,4	49,0	49,6	50,1	50,7	51,3	51,9	52,4	53,0	53,5	54,1
08	1,70	41,6	42,4	43,2	43,9	44,7	45,4	46,1	46,9	47,6	48,3	48,9	49,6	50,3	50,9	51,6	52,2	52,9	53,5	54,1	54,7	55,3	55,9	56,5	57,1	57,7
085	1,75	44,2	45,0	45,9	46,7	47,5	48,3	49,0	49,8	50,5	51,3	52,0	52,7	53,4	54,1	54,8	55,5	56,2	56,8	57,5	58,1	58,8	59,4	60,0	60,7	61,3
09	1,80	46,8	47,7	48,6	49,4	50,3	51,1	51,9	52,7	53,5	54,3	55,1	55,8	56,6	57,3	58,0	58,8	59,5	60,2	60,9	61,6	62,2	62,9	63,6	64,2	64,9
095	1,85	49,4	50,3	51,3	52,2	53,1	53,9	54,8	55,6	56,5	57,3	58,1	58,9	59,7	60,5	61,3	62,0	62,8	63,5	64,3	65,0	65,7	66,4	67,1	67,8	68,5
10	1,90	52,0	53,0	54,0	54,9	55,8	56,8	57,7	58,6	59,5	60,3	61,2	62,0	62,9	63,7	64,5	65,3	66,1	66,9	67,6	68,4	69,2	69,9	70,6	71,4	72,1
12	2,08	62,4	63,3	64,7	65,9	67,0	68,1	69,2	70,3	71,3	72,4	73,4	74,4	75,4	76,4	77,4	78,3	79,3	80,2	81,2	82,1	83,0	83,9	84,8	85,7	86,5
14	2,26	72,8	74,2	75,5	76,9	78,2	79,5	80,8	82,0	83,2	84,5	85,7	86,8	88,0	89,1	90,3	91,4	92,5	93,6	94,7	95,8	96,8	97,9	98,9	99,9	100,9
16	2,41	83,2	84,8	86,3	87,9	89,4	90,8	92,3	93,7	95,1	96,5	97,9	99,2	100,6	101,9	103,2	104,5	105,7	107,0	108,2	109,4	110,6	111,8	113,0	114,2	115,4
18	2,54	93,6	95,4	97,1	98,8	100,5	102,2	103,8	105,4	107,0	108,6	110,1	111,6	113,1	114,6	116,1	117,5	118,9	120,4	121,7	123,1	124,5	125,8	127,2	128,5	129,8
20	2,69	104,0	106,0	107,9	109,8	111,7	113,5	115,4	117,1	118,9	120,6	122,4	124,0	125,7	127,4	129,0	130,6	132,2	133,7	135,3	136,8	138,3	139,8	141,3	142,8	144,2
25	3,00	130,0	132,5	134,9	137,3	139,6	141,9	144,2	146,4	148,6	150,8	152,9	155,1	157,1	159,2	161,2	163,2	165,2	167,2	169,1	171,0	172,9	174,8	176,6	178,4	180,2
30	3,30	156,0	158,9	161,9	164,7	167,5	170,3	173,0	175,7	178,4	181,0	183,5	186,1	188,6	191,0	193,5	195,9	198,2	200,6	202,9	205,2	207,5	209,7	211,9	214,1	216,3
40	3,80	208,0	211,9	215,8	219,6	223,4	227,1	230,7	234,3	237,8	241,3	244,7	248,1	251,4	254,7	258,0	261,2	264,3	267,5	270,5	273,6	276,6	279,6	282,6	285,5	288,4
50	4,20	260,0	264,9	269,8	274,5	279,2	283,9	288,4	292,9	297,3	301,6	305,9	310,1	314,3	318,4	322,4	326,4	330,4	334,3	338,2	342,0	345,8	349,5	353,2	356,9	360,5
60	4,70	312,0	317,9	323,7	329,5	335,1	340,6	346,1	351,4	356,7	361,9	367,1	372,1	377,1	382,1	386,9	391,7	396,5	401,2	405,8	410,4	414,9	419,4	423,9	428,3	432,6

Nozzle Selection Chart GV3 Lance / Flow Mix Lance - B



Nozzle Selection Chart for IDROJET 2 - C

NOZZLE SIZE	DIA Ø MM	COLOUR	bar																	
			40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
03	1,05	YELLOW	4,3	4,8	5,3	5,7	6,1	6,5	6,8	7,2	7,5	7,8	8,1	8,4	8,6	8,9	9,2	9,4	9,7	9,9
035	1,10	WHITE	5,0	5,6	6,2	6,7	7,1	7,6	8,0	8,4	8,7	9,1	9,4	9,8	10,1	10,4	10,7	11,0	11,3	11,6
037	1,15	RED	5,3	6,0	6,5	7,1	7,5	8,0	8,4	8,8	9,2	9,6	10,0	10,3	10,7	11,0	11,3	11,6	11,9	12,2
04	1,20	BLUE	5,8	6,4	7,1	7,6	8,2	8,6	9,1	9,6	10,0	10,4	10,8	11,2	11,5	11,9	12,2	12,6	12,9	13,2
042	1,25	BROWN	6,1	6,8	7,4	8,0	8,6	9,1	9,6	10,0	10,5	10,9	11,3	11,7	12,1	12,5	12,8	13,2	13,5	13,9
045	1,30	ORANGE	6,5	7,3	7,9	8,6	9,2	9,7	10,3	10,8	11,2	11,7	12,1	12,6	13,0	13,4	13,8	14,1	14,5	14,9
05	1,35	GREEN	7,2	8,1	8,8	9,5	10,2	10,8	11,4	12,0	12,5	13,0	13,5	14,0	14,4	14,9	15,3	15,7	16,1	16,5
055	1,45	LIGHT BLUE	7,9	8,9	9,7	10,5	11,2	11,9	12,5	13,1	13,7	14,3	14,8	15,4	15,9	16,3	16,8	17,3	17,7	18,2
058	1,48	BLACK	8,4	9,3	10,2	11,1	11,8	12,5	13,2	13,9	14,5	15,1	15,6	16,2	16,7	17,2	17,7	18,2	18,7	19,2
06	1,50	GREY	8,6	9,7	10,6	11,4	12,2	13,0	13,7	14,3	15,0	15,6	16,2	16,8	17,3	17,8	18,3	18,9	19,3	19,8

Conversion Data

MULTIPLY (1 UNIT)	BY	TO OBTAIN
bar	100	kPa
bar	14,5	psi
bar	0.1	mpa
degree (Celsius)	[°C x 1.8] + 32	degree (Fahrenheit)
degree (Fahrenheit)	[°F - 32] x 0.56	degree (Celsius)
gallons US	3,785	litres
horsepower	746	Watts
inches	2,54	centimetres
kiloWatts	1,340	horsepower
litres	0,264	gallons

$$kW = \frac{\text{Pressure (bar)} \times \text{Flow (l/min)}}{530}$$

$$\text{Pressure (bar)} = \frac{kW \times 530}{\text{Flow (l/min)}}$$

$$\text{Flow (l/min)} = \frac{kW \times 530}{\text{Pressure (bar)}}$$

Nozzle size is equal to the decimals resulting from the flow coefficient formula.

$$F.P. = \frac{\text{Flow (l/min)}}{22.8 \times \sqrt{p(\text{bar})}}$$

$$l/min = \frac{\frac{\pi}{4} \times S \times \text{Dia}^2 \times \text{Pistons} \times \text{rpm}}{1\,000\,000}$$

SG4000 High Pressure Gun



RATED PRESSURE 280 bar
RATED FLOW 25 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT ^g	REPAIR KIT
1000.1001.10	3/8 Bsp F	1/4 Bsp F	483	1000.1001.00

ML955 High Pressure Gun



RATED PRESSURE 360 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT ^g	REPAIR KIT
4017000006	3/8 Bsp F	1/4 Bsp F	540	4019900059

ML955 High Pressure Gun c/w Swivel



RATED PRESSURE 360 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT ^g	REPAIR KIT
4017000011	3/8 Bsp F + SW	1/4 Bsp F	612	4019900059

SGS35 High Pressure Gun (Stainless Steel)



RATED PRESSURE 310 bar
RATED FLOW 45 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT ^g	REPAIR KIT
1010010117	3/8 Bsp F	1/4 Bsp F	630	2010010199

ML960 High Pressure Gun (Stainless Steel)



Ceramic Ball

RATED PRESSURE	500	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	160	°C



CODE	INLET	OUTLET	WEIGHT	REPAIR KIT
4017000033	3/8 Bsp F	1/4 Bsp F	600	4019900066

ML510 High Pressure Gun



RATED PRESSURE	500	bar
RATED FLOW	60	l/min
RATED TEMPERATURE	120	°C



CODE	INLET	OUTLET	WEIGHT	REPAIR KIT	OPTIONAL ACCESSORY
4013300000	1/2 Bsp F	1/2 Bsp F	1020	4019900049	4132300000 - Shoulder Rest

ML210 High Pressure Gun



RATED PRESSURE	200	bar
RATED FLOW	200	l/min
RATED TEMPERATURE	120	°C



CODE	INLET	OUTLET	WEIGHT	REPAIR KIT	OPTIONAL ACCESSORY
4014100002	3/4 Bsp F	1/2 Bsp F	1030	4019900052	4132300000 - Shoulder Rest

ST-540 Foot Valve

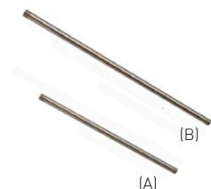


RATED PRESSURE	500	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	150	°C



CODE	INLET	OUTLET	WEIGHT
200540550	1/4 Bsp M	3/8 Bsp F	7 011

High Pressure Lance Tube (Plated Steel)



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



	CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
A	40.5056.66	1/4 Bsp M	1/4 Bsp M	96	200
B	1001.1601.00	1/4 Bsp M	1/4 Bsp M	270	450

High Pressure Split Lance with Quick Coupling (Stainless Steel)

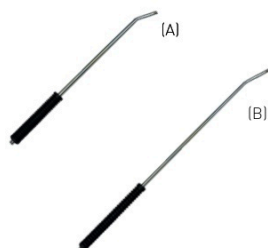


RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



	CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
	4039900035	1/4 Bsp M	M22x1,5F	385	445

High Pressure Lance with Moulded Grip (Zinc Plated Steel)



RATED PRESSURE 310 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



	CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
A	1001.1202.00*	1/4 Bsp M	1/4 Npt F	548	600
B	1001.1203.00*	1/4 Bsp M	1/4 Npt M	600	900

* Nozzle protector not included.

High Pressure Lance with Vented Grip (Stainless Steel)



RATED PRESSURE 310 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



	CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
	1001.1113.00*	1/4 Bsp M	1/4 Npt M	600	900

* Nozzle protector not included.

High Pressure Lance for SGS35 HP Gun (Stainless Steel)



RATED PRESSURE 250 bar
RATED FLOW 45 l/min
RATED TEMPERATURE 160 °C



	CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
	1022230300	1/4 Bsp M	1/4 Npt F	619	900

High Pressure Straight Lance (Stainless Steel)



RATED PRESSURE 310 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



	CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
	4030300019	1/4 Bsp M	1/4 Bsp M	880	1500
	4030300021	1/4 Bsp M	1/4 Bsp M	1100	2000

High Pressure Lance for ML955 HP Gun (Stainless Steel)



RATED PRESSURE 350 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
4030300034*	1/4 Bsp M	1/4 Npt M	750	1200

* Nozzle protector not included.

High Pressure Lance for ML960 HP Gun (Stainless Steel)



RATED PRESSURE 500 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
40.0240.00	1/4 Bsp M	1/4 Npt F	1135	1200

High Pressure Lance Extension for ML510 & ML210 HP Guns (Stainless Steel)



RATED PRESSURE 500 bar
RATED FLOW 80 l/min
RATED TEMPERATURE 100 °C



CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
1001.2400.00	1/2 Bsp M	1/4 Npt F	1325	800

High Pressure Double Lance Extension (Zinc Plated Steel)



RATED PRESSURE 250 bar
RATED FLOW 45 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
1025400300	M22 x 1,5 M	2x 1/4 Npt F	999	600

High Pressure Push and Pull Lance (Zinc Plated Steel)



RATED PRESSURE 210 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 140 °C



CODE	INLET	OUTLET	WEIGHT g	LENGTH mm
216200085710	1/4 Bsp F	1/4 Npt F	1100	850

High Pressure Telescopic Lance



RATED PRESSURE	280	bar
RATED FLOW	25	l/min
RATED TEMPERATURE	90	°C

CODE	INLET	OUTLET	WEIGHT	LENGTH
			kg	m
1010.0003.00	3/8 BSP F	M22 x 1,5 F	4,8	2,9 - 7,4



Telescopic Lance Accessories

CODE	DESCRIPTION
1010.0011.00	Extension lance for Telescopic Wand
1010.0021.00	Gutter Cleaner for Telescopic Wand
090550	Belt Kit for Telescopic Lance

GV 3 Lance for ML210 Gun (Stainless Steel)



RATED PRESSURE	200	bar
RATED FLOW	70	l/min
RATED TEMPERATURE	60	°C

CODE	INLET	WEIGHT	LENGTH	NOZZLE
		g	mm	mm
22.9011.61	1/4 BSP M	1600	720	1.5

Accessories for GV 3 Lance - Refer to Nozzle Chart B

CODE	DESCRIPTION
68.1802.51	High Pressure Nozzle M15x1 - Nozzle Size: 06 - Hole Size: 1,5mm
68.1802.50	High Pressure Nozzle M15x1 - Nozzle Size: 07 - Hole Size: 1,6mm
68.1802.52	High Pressure Nozzle M15x1 - Nozzle Size: 075 - Hole Size: 1,8mm
68.1802.54	High Pressure Nozzle M15x1 - Nozzle Size: 09 - Hole Size: 2,3mm
68.1802.16	High Pressure Nozzle M15x1 - Nozzle Size: 16 - Hole Size: 2,5mm
68.1802.17	High Pressure Nozzle M15x1 - Nozzle Size: 25 - Hole Size: 3mm
68.1802.18	High Pressure Nozzle M15x1 - Nozzle Size: 30 - Hole Size: 3,5mm
26.2500.10	Ball-type quick coupling - 3/8" Bsp F
26.2500.30	Ball-type quick coupling - 1/2" Bsp F
26.2500.40	Ball-type quick coupling - 1/2" Bsp M
26.2520.10	Ball-type quick coupling nipple - 3/8" Bsp F
26.2520.30	Ball-type quick coupling nipple - 1/2" Bsp F
26.2520.40	Ball-type quick coupling nipple - 1/2" Bsp M



Foam Mix Sub Assembly (Ideal for fire fighting applications)



RATED PRESSURE	250	bar
RATED FLOW	50	l/min

See nozzle chart B

CODE	INLET	WEIGHT
		g
37.1617.49	1/4 Bsp M	1200

Unloader Valve - VRT3 without Handle / VRT3 Easy Start c/w Handle



RATED PRESSURE 280 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 90 °C



CODE	TYPE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
0215010290	Regular	2x 3/8 Bsp F	3/8 Bsp F	790	2x 3/8 Bsp F	4079900005
4072000000	Easy Start	2x 3/8 Bsp F	3/8 Bsp F	810	2x 3/8 Bsp F	4079900005

Unloader Valve - VRT3 c/w Handle (Nickel Plated Brass)



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
4072000108	3/8 Bsp F	3/8 Bsp F	765	3/8 Bsp F	4079900101

Unloader Valve - VRT3 c/w Pressure Switch



RATED PRESSURE 220 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 90 °C
MICRO SWITCH 250 V
CABLE LENGTH 1200 mm



IP 55



CODE	INLET	OUTLET	WEIGHT	BY-PASS	GAUGE CONNECT	REPAIR KIT
0215010600	3/8 Bsp F	3/8 Bsp F	994	2x 3/8 Bsp F	1/4 Bsp F	4079900006

Unloader Valve - VX3 c/w Handle (Stainless Steel)



RATED PRESSURE 280 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
4072200002	3/8 Bsp F	3/8 Bsp F	765	3/8 Bsp F	4079900027

Unloader Valve - Pulsar RV c/w Pressure Switch



RATED PRESSURE 160 - 280 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 90 °C
MICRO SWITCH 250 V
CABLE LENGTH 1200 mm



IP 55



CODE	INLET	OUTLET	WEIGHT	BY-PASS
60.0006.60	3/8 Bsp F	3/8 Bsp F	916	2x 3/8 Bsp F

Unloader Valve - BRV31 T



RATED PRESSURE 220 bar
RATED FLOW 45 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
			g		
1090090719	3/8 Bsp F	3/8 Bsp F	719	2x 3/8 Bsp F	1090080199

Unloader Valve - VHP39



RATED PRESSURE 350 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
			g		
4072000011	3/8 Bsp F	3/8 Bsp F	920	2x 3/8 Bsp F	4079900009

Unloader Valve - VRT100 High Flow without Handle



SPRING COLOUR ▲ Yellow ■ Blue
RATED PRESSURE 170 bar ■ 320 bar
RATED FLOW 100 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	COLOUR	REPAIR KIT
			g			
4072000025	1/2 Bsp F	1/2 Bsp F	1100	1/2 Bsp F	▲	4079900013
4072000034	1/2 Bsp F	1/2 Bsp F	1115	1/2 Bsp F	■	4079900013

Unloader Valve - VHP51 (Nickel Plated Brass)



SPRING COLOUR ● Grey ● Black
RATED PRESSURE 500 bar ● 360 bar
RATED FLOW 100 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	COLOUR	REPAIR KIT
			g			
4072000122	1/2 Bsp F	1/2 Bsp F	1350	1/2 Bsp F	●	4079900040
4072000140	1/2 Bsp F	1/2 Bsp F	1140	1/2 Bsp F	●	4079900040

Unloader Valve - VHP66



SPRING COLOUR ● Black
RATED PRESSURE 600 bar
RATED FLOW 50 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
			g		
4072000148	3/8 Bsp F	3/8 Bsp F	1683	3/8 Bsp F	4079900135

Unloader Valve - VB200 /150



RATED PRESSURE 150 bar
RATED FLOW 200 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	REPAIR KIT
			g		
60.5000.15	1" Bsp F	1" Bsp F	2025	1" Bsp F	60.5016.24

Regulating Valve - TIMAX



RATED PRESSURE 60 bar
RATED FLOW 200 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT g	BY-PASS	REPAIR KIT
TIMAX	3/4 Bsp F	1/2 Bsp F	1700	1" Bsp F	34.0051.01

Unloader Valve - K Series (Zero line pressure in by-pass)



RATED PRESSURE 250 bar
RATED FLOW 41 l/min
RATED TEMPERATURE 60 °C



CODE	INLET	OUTLET	WEIGHT g	BY-PASS	REPAIR KIT
K1	3/8 Bsp F	1/2 Bsp M	1050	1/2 Bsp M	34.0168.01A (O-Rings Only)

Unloader Valve - Pulsar Zero (Zero line pressure in by-pass)



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT g	BY-PASS	REPAIR KIT
60.2400.00	3/8 Bsp F	3/8 Bsp F	1135	2x 3/8 Bsp F	60.2414.24

Unloader Valve - JV25E c/w Handle



RATED PRESSURE 250 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 80 °C



CODE	TYPE	INLET	OUTLET	WEIGHT g	BY-PASS
JV25E	Regular	3/8 Bsp F	3/8 M	790	1/4 F

Unloader Valve - RV25 with Knob / Pressure Port



RATED PRESSURE 220 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT g	BY-PASS	REPAIR KIT
1090100127	3/8 Bsp M	3/8 Bsp F	489	3/8 Bsp F	1090100199

Unloader Valve - VRF2 with Knob / Injector / Pressure Switch*



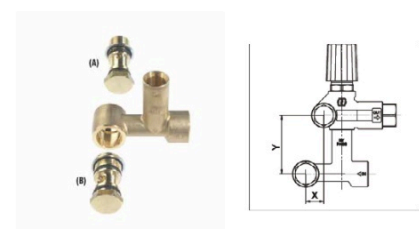
KNOB COLOUR ● Red ■ Blue
 RATED PRESSURE 220 bar 310 bar
 RATED FLOW 30 l/min
 RATED TEMPERATURE 90 °C



CODE	POSITION	OUTLET	PORT SIZE	INJECTOR	WEIGHT	COLOUR	REPAIR KIT
4072401000	A	3/8 Bsp F	3/8 Bsp	N/A	545	■	4079900019
4072401001	B	3/8 Bsp F	3/8 Bsp	N/A	545	●	4079900019
4072601019	C	3/8 Bsp M	3/8 Bsp	2.1 / ADJ	610	●	4079900019
4072401038	D	3/8 Bsp M	3/8 Bsp	2.1 / FIXED	800	●	4079900019

*Banjo kit to be ordered separately below.

Banjo Kit for VRF2



RATED PRESSURE 280 bar
 RATED FLOW 30 l/min
 RATED TEMPERATURE 90 °C



CODE	WEIGHT	BANJO BOLT	PUMP MODEL	PORT DISTANCE
4073900000	346	3/8 Bsp	Interpump (44 & 47 Series)	19 62-75
4073900002	313	3/8 Bsp	Annovi Reverberi / Udor PKC / CW / CS / JPB	5 53-66

Unloader Valve - IRV25 with Knob*



KNOB COLOUR ● Blue
 RATED PRESSURE 220 bar
 RATED FLOW 30 l/min
 RATED TEMPERATURE 90 °C



CODE	PUMP OUTLET	VALVE OUTLET	WEIGHT	COLOUR	REPAIR KIT
1093100127	3/8 Bsp M	3/8 Bsp F	543	●	1093100199

*Banjo kit to be ordered separately below.

Banjo Kit for IRV25 with Filter

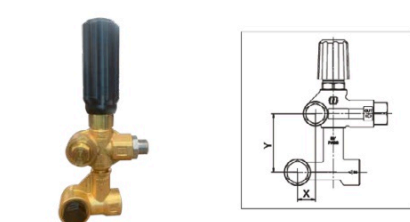


RATED PRESSURE 220 bar
 RATED FLOW 30 l/min
 RATED TEMPERATURE 90 °C



CODE	WEIGHT	BANJO BOLT	PUMP MODEL	PORT DISTANCE
1093100347	435	3/8 Bsp M	Interpump (44 & 47 Series)	19 60-73
1093100147	406	3/8 Bsp M	Annovi Reverberi / Udor PKC / CW / CS / JPB	5 53-66

Unloader Valve - VR3



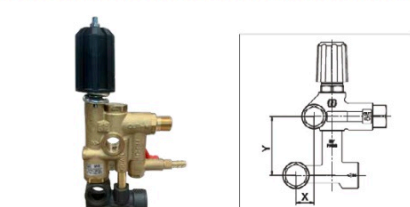
RATED PRESSURE 300 bar
 RATED FLOW 35 l/min
 RATED TEMPERATURE 90 °C



CODE	WEIGHT	BANJO BOLT	PUMP MODEL	PORT DISTANCE	REPAIR KIT
22621	1100	3/8 Bsp	Annovi Reverberi *	8.5 77	0042598

*RG pump only.

Unloader Valve - H Series



RATED PRESSURE 200 bar For Interpump 44
 RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	FLOW	PORT DISTANCE	REPAIR KIT
W2.0	1/2 Bsp F	3/8 Bsp M	1250	10	19 62-75	34.0093.01 and 34.0094.01
W2.1	1/2 Bsp F	3/8 Bsp M	1250	15	19 62-75	34.0093.01 and 34.0094.01
W2.2	1/2 Bsp F	3/8 Bsp M	1250	21	19 62-75	34.0093.01 and 34.0094.01

Safety Valve - SVL16



RATED PRESSURE	30	bar
RATED FLOW	15	l/min
RATED TEMPERATURE	90	°C
MIN ADJUSTABLE PRESSURE	5	bar



CODE	INLET	BY-PASS	WEIGHT	REPAIR KIT
			g	
4073301002	1 x 1/4 Bsp M	1/8 Bsp F	135	4079900134

Safety Valve - SVT28



RATED PRESSURE	250	bar
RATED FLOW	25	l/min
RATED TEMPERATURE	90	°C
MIN ADJUSTABLE PRESSURE	25	bar



CODE	INLET	BY-PASS	WEIGHT	REPAIR KIT
			g	
0215010200	2 x 3/8 Bsp F	3/8 Bsp F	390	4079900012

Safety Valve - SVT40



RATED PRESSURE	360	bar
RATED FLOW	25	l/min
RATED TEMPERATURE	90	°C
MIN ADJUSTABLE PRESSURE	36	bar



CODE	INLET	BY-PASS	WEIGHT	REPAIR KIT
			g	
0215010420	2 x 3/8 Bsp F	3/8 Bsp F	490	4079900034

Safety Valve - SVL50



RATED PRESSURE	560	bar
RATED FLOW	100	l/min
RATED TEMPERATURE	90	°C
MIN ADJUSTABLE PRESSURE	50	bar



CODE	INLET	BY-PASS	WEIGHT	REPAIR KIT
			g	
4073500003	1/2 Bsp F	3/8 Bsp F	1480	4079900048

Safety Valve - VS200 / 180



RATED PRESSURE	180	bar
RATED FLOW	200	l/min
RATED TEMPERATURE	90	°C
MIN ADJUSTABLE PRESSURE	18	bar



CODE	INLET	BY-PASS	WEIGHT	REPAIR KIT
			g	
60.5100.15	3/4 Bsp F	1/2 Bsp F	816	60.5110.24

RD3 Chemical Metering Valve



RATED PRESSURE 28 bar
RATED FLOW 10 l/min
RATED TEMPERATURE 40 °C
PANEL FITTING 15 mm



CODE	INLET	OUTLET	WEIGHT g	Ø HOSE BARB mm
29.0945.16	1/4 Bsp M	1/4 Bsp M	174	7

RD5 Chemical Metering Valve



RATED PRESSURE 28 bar
RATED FLOW 10 l/min
RATED TEMPERATURE 40 °C
PANEL FITTING 15 mm



CODE	INLET	OUTLET	WEIGHT g	Ø HOSE BARB mm
29.0980.00	1/4 Bsp M	1/4 Bsp M	213	7

RD6 Twin Chemical Metering Valve



RATED PRESSURE 0.5 bar
RATED FLOW 1 l/min
RATED TEMPERATURE 60 °C
PANEL FITTING 14.5 mm



CODE	WEIGHT g	Ø HOSE BARB mm
29.0900.00	62	7

1 Litre Foam Bottle

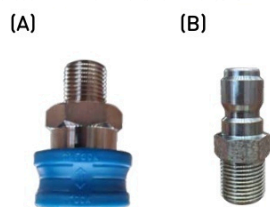


RATED PRESSURE 180 bar
RATED FLOW 20 l/min
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT g	Ø NOZZLE mm	REPLACEMENT FILTER
1003.1000.00	1/4 Bsp F	510	1,25	1003.1000.16

Foam Bottle Quick Couplings (Stainless Steel)



RATED PRESSURE 310 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 100 °C



CODE	DESCRIPTION
A 1002.1112.00	Stainless Steel Ball Coupling Insulated 1/4 Bsp M
B 1002.1126.00	Stainless Steel Ball Coupling Nipple 1/4 Bsp M

Bus Brush



BRUSH MATERIAL Nylon
RATED TEMPERATURE 40 °C

CODE	INLET	WEIGHT g
0201002000	1/4 Bsp F	523



Adjustable Chemical Injector



RATED PRESSURE 280 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	MAX FLOW RATE	Ø NOZZLE	Ø HOSE BARB
			g	l/m	mm	mm
0203004100	3/8 Npt M	3/8 Npt M	134	20	1,6	7
0203004110	3/8 Npt M	3/8 Npt M	134	25	1,8	7
0203004120	3/8 Npt M	3/8 Npt M	134	30	2,1	7

LS12 Chemical Injector



RATED PRESSURE 220 bar
RATED FLOW 25 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	MAX FLOW RATE	Ø NOZZLE	Ø HOSE BARB	KNOB COLOUR
			g	l/m	mm	mm	
21.0600.12	3/8 Bsp M	3/8 Bsp M	314	10	1,2	7	Black
21.0600.14	3/8 Bsp M	3/8 Bsp M	314	15	1,4	7	Red
21.0600.18	3/8 Bsp M	3/8 Bsp M	314	25	1,8	7	Blue

LS12 Foam Lance



RATED PRESSURE 200 bar
RATED TEMPERATURE 60 °C

CODE	INLET	WEIGHT	MAX FLOW RATE	Ø NOZZLE	COLOUR
		g	l/min	mm	
25.1851.68	1/4 Bsp F	618	10	1,8	Black
25.1851.71	1/4 Bsp F	618	15	2,1	Red
25.1851.75	1/4 Bsp F	618	25	2,5	Blue



Chemical Injector

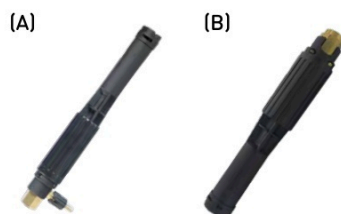


RATED PRESSURE 200 bar
RATED FLOW 15 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	MAX FLOW RATE	Ø NOZZLE	Ø HOSE BARB	KNOB COLOUR
			g	l/m	mm	mm	
1002.4002.21	3/8 Bsp M	3/8 Bsp M	314	15	1,4	7	Black

Foam Lance



RATED PRESSURE 200 bar
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT	MAX FLOW RATE	Ø NOZZLE	COLOUR
		g	l/min	mm	
A 1003.4000.15	1/4 Bsp F	300	15	1,5	Black
B 1001.4002.21	1/4 Bsp F	300	15	2,1	Black

Chemical Filter (For use with Chemical Injectors)



STRAINING POWER 450 micron

CODE	MODEL	WEIGHT	CHECK VALVE	Ø HOSE BARB
		g		mm
0211000021	MV13	15	NO	7
0211000011	MV14	47	YES	8



Diesel Boilers

RATED PRESSURE 350-500 bar
FUEL TYPE Diesel
RATED TEMPERATURE 55-65 °C

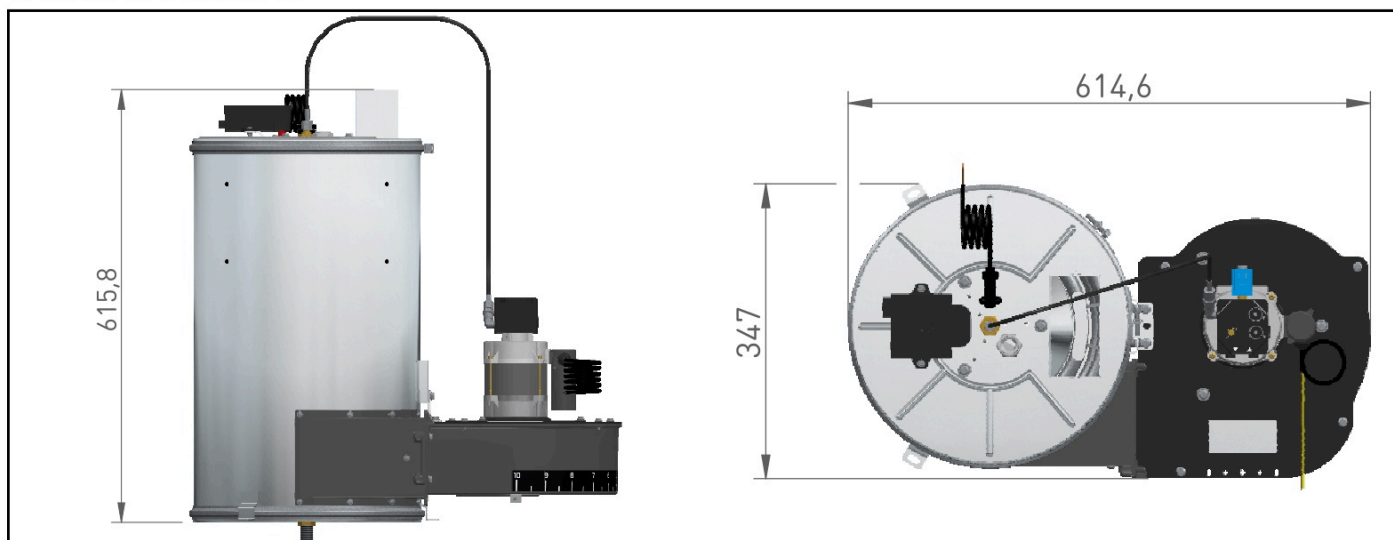


CODE	RATED PRESSURE bar	FLOW RATE l/min	THERMIC POWER kW	COIL DIMENSION
VBM 350/15HT	350	15	74	3/8 x 2,35
VBL 350/21HT	350	21	95	3/8 x 2,35
VBL 350/25HT	350	25	105	3/8 x 2,35
VBL 500/25HT 12V*	500	25	105	3/8 x 2,35 SS

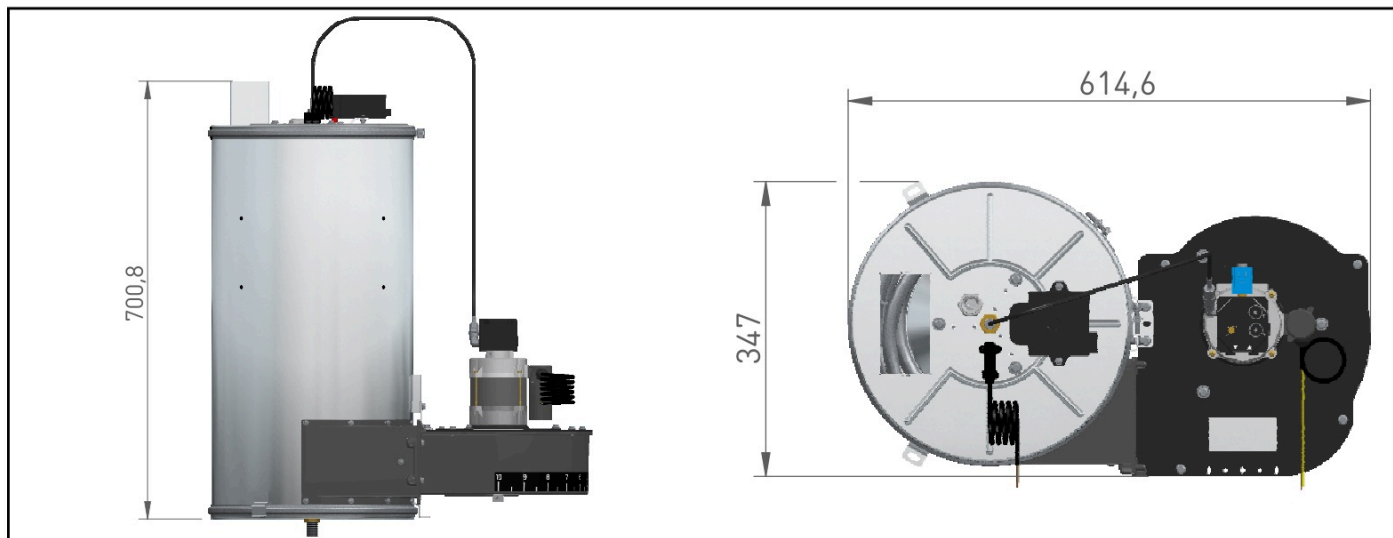
*12V Power Supply & Operation

CODE	COIL DIMENSION	CONSUMPTION kg/h	TEMPERATURE RISING °C	WEIGHT kg
VBM 350/15HT	3/8 x 2,35	6,2	65	55,2
VBL 350/21HT	3/8 x 2,35	7,95	59	64,4
VBL 350/25HT	3/8 x 2,35	8,84	55	64,4
VBL 500/25HT 12V*	3/8 x 2,35 SS	8,84	55	65,4

VBM DIESEL BOILER



VBL DIESEL BOILER



Electric Heater Coils



RATED PRESSURE 350 bar
RATED FLOW See chart
RATED TEMPERATURE 90 °C



CODE	MODEL	INLET	OUTLET	ELECTRICAL CONNECTION	VOLTAGE	RATER POWER	WEIGHT
1272010127	EW8	3/8 Bsp F	3/8 Bsp M	M3	V/Hz 400V/50-60	kW 8	kg 2.1

FLOW		24 KW	48 KW
l/min		3 x EWC8	6 x EWC8
4		76°C	-
5		57°C	-
8		43°C	86°C
10		34°C	69°C
12		29°C	57°C
15		23°C	46°C
18		19°C	38°C

POWER ISOLATION
PANEL WITH LWP

ELECTRIC HOT
WATER ELEMENTS

304 STAINLESS
STEEL FRAME





HIGH-PRESSURE NOZZLES

CHOOSING THE CORRECT NOZZLE SIZE

Fitting an incorrectly sized nozzle can result in performance degradation or machine damage. Consult our nozzle charts to guarantee proper pump compatibility.



HIGHLIGHTS

- 01 When sizing a nozzle, always round to half a size smaller than what is supplied on the nozzle chart.
- 02 An undersized nozzle increases unloader wear due to the excess water in bypass, potentially resulting in performance degradation and operator over-adjustment of pressure.
- 03 An oversized nozzle reduces operating pressure, which can accelerate nozzle wear and further diminish pressure output.

High Pressure Nozzles

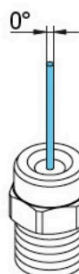
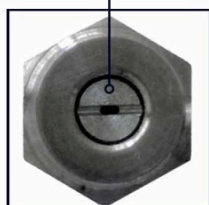


310 Bar Stainless Steel



500 Bar Ceramic

Stainless Steel



RATED PRESSURE 310 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 150 °C



CODE	DESCRIPTION	INLET	ANGLE	SIZE	CODE	DESCRIPTION	INLET	ANGLE	SIZE
0124723100	1/4-0003	1/4 Npt M	0°	03	U00000096	1/8-1502	1/8 Npt M	15°	02
0124723110	1/4-00035	1/4 Npt M	0°	035	U00000098	1/8-1503	1/8 Npt M	15°	03
0124723120	1/4-0004	1/4 Npt M	0°	04	U00000100	1/8-1504	1/8 Npt M	15°	04
0124723130	1/4-00045	1/4 Npt M	0°	045	U00000101	1/8-15045	1/8 Npt M	15°	045
0124723140	1/4-0005	1/4 Npt M	0°	05					
0124723160	1/4-0006	1/4 Npt M	0°	06	U00000104	1/8-2503	1/8 Npt M	25°	03
0124723170	1/4-00065	1/4 Npt M	0°	065	U00000105	1/8-25035	1/8 Npt M	25°	035
0124723180	1/4-0007	1/4 Npt M	0°	07	U00000106	1/8-2504	1/8 Npt M	25°	04
0124723220	1/4-0009	1/4 Npt M	0°	09	U00000107	1/8-25045	1/8 Npt M	25°	045

0124723225	1/4-15015	1/4 Npt M	15°	015
0124723230	1/4-1502	1/4 Npt M	15°	02
0124723250	1/4-1503	1/4 Npt M	15°	03
0124723260	1/4-15035	1/4 Npt M	15°	035
0124723270	1/4-1504	1/4 Npt M	15°	04
0124723280	1/4-15045	1/4 Npt M	15°	045
0124723290	1/4-1505	1/4 Npt M	15°	05
0124723300	1/4-15055	1/4 Npt M	15°	055
0124723310	1/4-1506	1/4 Npt M	15°	06
0124723320	1/4-15065	1/4 Npt M	15°	065
0124723330	1/4-1507	1/4 Npt M	15°	07
0124723340	1/4-15075	1/4 Npt M	15°	075
0124723350	1/4-1508	1/4 Npt M	15°	08
0124723370	1/4-1509	1/4 Npt M	15°	09

0124723380	1/4-2502	1/4 Npt M	25°	02
0124723390	1/4-25025	1/4 Npt M	25°	025
0124723400	1/4-2503	1/4 Npt M	25°	03
0124723410	1/4-25035	1/4 Npt M	25°	035
0124723420	1/4-2504	1/4 Npt M	25°	04
0124723430	1/4-25045	1/4 Npt M	25°	045
0124723440	1/4-2505	1/4 Npt M	25°	05
0124723450	1/4-25055	1/4 Npt M	25°	055
0124723460	1/4-2506	1/4 Npt M	25°	06
0124723470	1/4-25065	1/4 Npt M	25°	065
0124723480	1/4-2507	1/4 Npt M	25°	07
0124723490	1/4-25075	1/4 Npt M	25°	075
0124723500	1/4-2508	1/4 Npt M	25°	08
0124723520	1/4-2509	1/4 Npt M	25°	09

RATED PRESSURE 500* bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 150 °C

CODE	DESCRIPTION	INLET	ANGLE	SIZE
0124006110	1/4-15025	1/4 NPT M	15°	025
0124006210	1/4-15030	1/4 NPT M	15°	03
0124006310	1/4-15035	1/4 NPT M	15°	035
0124006410	1/4-15040	1/4 NPT M	15°	04
0124006510	1/4-15045	1/4 NPT M	15°	045
0124006610	1/4-15050	1/4 NPT M	15°	05
0124006710	1/4-15055	1/4 NPT M	15°	055

*Ceramic Nozzles

Low Pressure Nozzle



RATED PRESSURE 50 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 150 °C



CODE	INLET	ANGLE	NOZZLE SIZE
4059900077	1/4 Bsp M	50°	60

Rotary Head Nozzle



RATED PRESSURE 160 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 100 °C



CODE	INLET	ANGLE	NOZZLE SIZE	WEIGHT	REPAIR KIT
				g	
25.1680.25	1/4 Bsp F	20°	025	410	25.1659.24

Rotary Head Nozzle ROTOJET 255*



RATED PRESSURE 255 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 100 °C



CODE	INLET	ANGLE	NOZZLE SIZE	WEIGHT	REPAIR KIT
				g	
25.1620.30	1/4 Bsp F	20°	03	400	25.1659.24
25.1620.35	1/4 Bsp F	20°	035	400	25.1660.24
25.1620.40	1/4 Bsp F	20°	04	400	25.1633.24
25.1620.45	1/4 Bsp F	20°	045	400	25.1637.24
25.1620.50	1/4 Bsp F	20°	05	400	25.1638.24
25.1620.55	1/4 Bsp F	20°	055	400	25.1668.24
25.1620.60	1/4 Bsp F	20°	06	400	25.1639.24
25.1620.65	1/4 Bsp F	20°	065	400	25.1640.24
25.1620.70	1/4 Bsp F	20°	07	400	25.1641.24
25.1620.80	1/4 Bsp F	20°	08	400	25.1669.24
0204007460*	1/4 BSP F	20°	12	327	0204107460

Rotary Head Nozzle



RATED PRESSURE 350 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 100 °C



CODE	INLET	ANGLE	NOZZLE SIZE	WEIGHT	REPAIR KIT
				g	
25.1690.30	1/4 Bsp F	20°	030	410	25.1659.24
25.1690.35	1/4 Bsp F	20°	035	410	25.1660.24
25.1690.40	1/4 Bsp F	20°	04	410	25.1633.24
25.1690.45	1/4 Bsp F	20°	045	410	25.1637.24
25.1690.50	1/4 Bsp F	20°	05	410	25.1638.24
25.1690.60	1/4 Bsp F	20°	06	410	25.1639.24
25.1690.65	1/4 Bsp F	20°	065	410	25.1640.24
25.1690.70	1/4 Bsp F	20°	070	410	25.1641.24

Rotary Head Nozzle

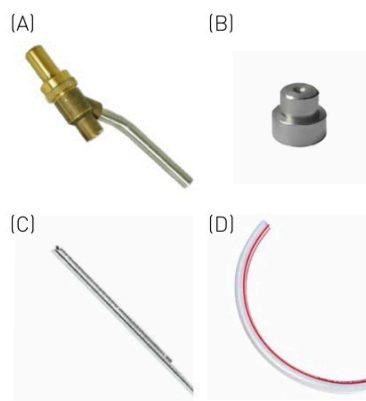


RATED PRESSURE 600 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 100 °C



CODE	INLET	ANGLE	NOZZLE SIZE	WEIGHT	REPAIR KIT
				g	
4060600019	1/4 Bsp F	20°	03	700	4069900070
4060600020	1/4 Bsp F	20°	035	700	4069900071
4060600021	1/4 Bsp F	20°	040	700	4069900072
4060600022	1/4 Bsp F	20°	045	700	4069900073
4060600023	1/4 Bsp F	20°	05	700	4069900074
4060600024	1/4 Bsp F	20°	055	700	4069900075

Professional Sand Blasting



RATED PRESSURE 280 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 90 °C



CODE	INLET	NOZZLE SIZE	Ø NOZZLE	WEIGHT
			mm	g
A 1004.1201.00	1/4 Bsp F	-	-	412,5
B 1004.1203.10	-	025	1,00	4,5
B 1004.1203.11	-	03	1,10	4,5
B 1004.1203.12	-	04	1,20	4,5
B 1004.1203.13	-	047	1,30	4,5
B 1004.1203.14	-	055	1,40	4,5
B 1004.1203.15	-	063	1,50	4,5
B 1004.1203.16	-	07	1,60	4,5
B 1004.1203.17	-	08	1,70	4,5

CODE	INLET	LENGTH	WEIGHT
		mm	g
C 1004.1202.00	1/2	510	353,5
D HOSE03000-08	1/2	-	134 / m

TPS 560 Sand Blaster



RATED PRESSURE 500 bar
RATED FLOW 80 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	WEIGHT	NOZZLE SIZE	REPAIR KIT
		g		
470018	1/4 Bsp F	1012	1/4 NPT 15°*	650419

* Nozzle sold separately

TPS 560 Sand Blaster Nozzle



RATED PRESSURE 500 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	ANGLE	NOZZLE SIZE	TYPE
0124006110	1/4 NPT M	15°	025	Ceramic
0124006210	1/4 NPT M	15°	03	Ceramic
0124006310	1/4 NPT M	15°	035	Ceramic
0124006410	1/4 NPT M	15°	04	Ceramic
0124006510	1/4 NPT M	15°	045	Ceramic
0124006610	1/4 NPT M	15°	05	Ceramic
0124006710	1/4 NPT M	15°	055	Ceramic

Adjustable Probe for use with TPS 560



CODE	INLET	LENGTH	WEIGHT
	mm	mm	g
460404	21	580	304



Fog Nozzle Head



RATED PRESSURE 100 bar
MATERIAL Nickel Plated Brass



CODE	FLOW RATE FACTOR	THREAD
MT.151C	15	10/24
MT.201C	20	10/24
MT.301C	30	10/24
MT.401C	40	10/24
MT.501C	50	10/24

Fog Nozzle with Anti-Drip Valve



RATED PRESSURE 100 bar
MATERIAL Nickel Plated Brass



CODE	FLOW RATE FACTOR	THREAD
MT.154C	15	10/24
MT.204C	20	10/24
MT.304C	30	10/24
MT.404C	40	10/24
MT.504C	50	10/24

Fog Nozzle with Anti-Drip Valve & Filter



RATED PRESSURE 100 bar
MATERIAL Nickel Plated Brass



CODE	FLOW RATE FACTOR	THREAD
MT.155 LFC	15	10/24
MT.205 LFC	20	10/24
MT.305 LFC	30	10/24
MT.405 LFC	40	10/24
MT.505 LFC	50	10/24

Fog Nozzle Cap



RATED PRESSURE 100 bar
MATERIAL Nickel Plated Brass



CODE	THREAD
MT.NP10	10/24

REPAIR KIT

MT.0R35

Fog Nozzle Riser



RATED PRESSURE 70 bar
MATERIAL Brass



CODE	INNER DIAMETER mm	THREAD
RISE01024	15	10/24

Nozzle Adaptor



CODE	INLET	OUTLET	MATERIAL
IT.1046	1/4 Bsp F	5 x 10/24	Nickel Plated Brass



Nozzle Adaptor Swivel



CODE	INLET	OUTLET	MATERIAL
IT.1046	10/24 M	10/24 F	Nickel Plated Brass



4-Hole Adaptor



CODE	INLET	OUTLET	MATERIAL
IT.1046	10/24 M	4 x 10/24 F	Nickel Plated Brass



Solenoid Valve (Stainless Steel)



RATED PRESSURE	100 bar
VALVE STATE	NC



CODE	SIZE	VOLTAGE
IT.0743-24	1/4 Bsp F - F	24

Solenoid Valve (Brass)



RATED PRESSURE	100 bar
VALVE STATE	NC



CODE	SIZE	VOLTAGE
IT.1082	1/4 Bsp F - F	230

Square Pre-Wired Connector



CODE	POLES	CABLE LENGTH
IT.0533-15	2 + ground	440 mm



Start Quick Fitting



CODE	SIZE	MATERIAL
IT.0348	1/2 Bsp M - ø12,7mm	Nickel Plated Brass



Straight Pipe Connection



CODE	SIZE	MATERIAL
	mm	
IT.0349	12,7	Nickel Plated Brass



Elbow Pipe Connection



CODE	SIZE	MATERIAL
	mm	
IT.0350	12,7	Nickel Plated Brass



Tee Pipe Connection



CODE	SIZE	MATERIAL
	mm	
IT.0351	12,7	Nickel Plated Brass



H.P. Polyamide Pipe



RATED PRESSURE	80	bar
RATED TEMPERATURE	23	°C



CODE	OUTER DIAMETER
	mm
IT.0023	12.7

Pipe Cutter for Stainless Steel Pipe



CODE	MIN PIPE DIAMETER	MAX PIPE DIAMETER
	mm	mm
IT.0089	5	24



End of Line Discharge Valve



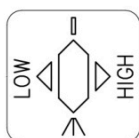
CODE	SIZE	MATERIAL
MT.DV2012	1/2" Bsp F	Brass



Misting Nozzle Flow Rate Table

FLOW RATE FACTOR	bar										FLOW RATE
	7	14	21	28	35	42	56	70	84	100	
15	x	x	x	0,029	0,033	0,036	0,041	0,046	0,051	0,059	l/min
20	x	x	0,049	0,056	0,063	0,069	0,080	0,089	0,098	0,101	l/min
30	x	0,065	0,08	0,092	0,103	0,113	0,130	0,145	0,159	0,166	l/min
40	0,056	0,08	0,098	0,113	0,126	0,138	0,159	0,178	0,195	0,201	l/min
50	0,077	0,109	0,134	0,154	0,172	0,189	0,218	0,248	0,267	0,275	l/min
60	0,101	0,143	0,175	0,202	0,226	0,248	0,286	0,302	0,351	0,361	l/min
80	0,138	0,195	0,238	0,275	0,308	0,337	0,389	0,435	0,477	0,491	l/min
100	0,178	0,252	0,308	0,355	0,398	0,436	0,503	0,553	0,617	0,635	l/min

IDROJET 2 High / Low Adjustable Pressure Variable Angle Nozzle



RATED PRESSURE 220 bar
RATED FLOW 30 l/min MAX - See nozzle charts C
RATED TEMPERATURE 150 °C



CODE	INLET	ANGLE	NOZZLE SIZE	COLOUR
0204008000	1/4 Bsp F	0° - 40°	03	Yellow
0204008010	1/4 Bsp F	0° - 40°	035	White
0204008020	1/4 Bsp F	0° - 40°	037	Red
0204008030	1/4 Bsp F	0° - 40°	04	Blue
0204008040	1/4 Bsp F	0° - 40°	042	Brown
0204008050	1/4 Bsp F	0° - 40°	045	Orange
0204008060	1/4 Bsp F	0° - 40°	05	Green
0204008070	1/4 Bsp F	0° - 40°	055	Light Blue
0204008080	1/4 Bsp F	0° - 40°	058	Black
0204008090	1/4 Bsp F	0° - 40°	06	Grey

SN1 Steam Nozzle



RATED PRESSURE 100 bar
RATED TEMPERATURE 130 °C



CODE	INLET	NOZZLE SIZE
25.2201.35	1/4 Bsp F	06



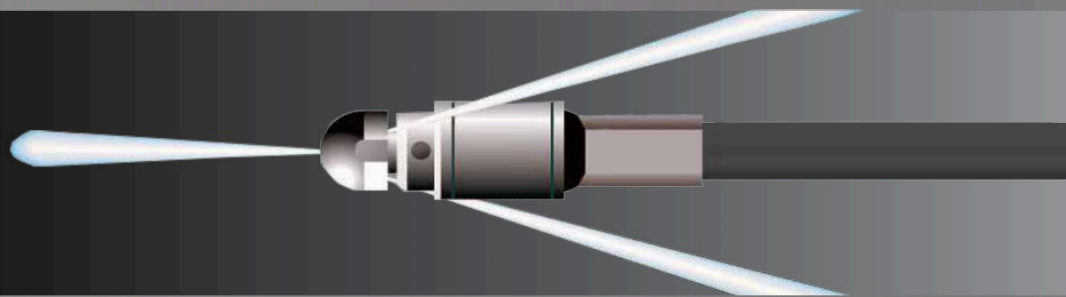
DRAIN JETTING NOZZLES

DRAIN JETTING NOZZLES

Drain jetting nozzle selection directly influences cleaning performance, efficiency, and cost-effectiveness. CEMSA's versatile range spans 1/4" to 1", featuring static, rotary, forward, and rear jetting options to meet diverse needs.

MORE

POWER
EFFICIENCY
TIME SAVING



HIGHLIGHTS

- 01 We offer drain jetting nozzles in a comprehensive range of sizes. Available in 1/4", 3/8", 3/4", 1/2", and 1".
- 02 Our nozzles are made from nickel plated steel to maximise durability and extend their lifespan.
- 03 From static and forward jets to rotary nozzles, our range offers solutions for a wide spectrum of drain cleaning applications.

Drain Jetting Nozzles (1/4")



RATED PRESSURE 350 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	HOLES	NOZZLE SIZE
25.1213.30	1/4 Bsp F	3	03
25.1213.40	1/4 Bsp F	3	04
25.1213.50	1/4 Bsp F	3	05
25.1213.60	1/4 Bsp F	3	06
25.1213.70	1/4 Bsp F	3	07
25.1213.80	1/4 Bsp F	3	08

CODE	INLET	HOLES	NOZZLE SIZE
25.1214.30	1/4 Bsp F	3+1	03
25.1214.40	1/4 Bsp F	3+1	04
25.1214.50	1/4 Bsp F	3+1	05
25.1214.60	1/4 Bsp F	3+1	06
25.1214.70	1/4 Bsp F	3+1	07
25.1214.80	1/4 Bsp F	3+1	08

Rotary Drain Jetting Nozzles (1/4")



RATED PRESSURE 250 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	HOLES	NOZZLE SIZE
25.1290.30	1/4 Bsp F	3	03
25.1290.40	1/4 Bsp F	3	04
25.1290.50	1/4 Bsp F	3	05

CODE	INLET	HOLES	NOZZLE SIZE
25.1290.60	1/4 Bsp F	3	06
25.1290.70	1/4 Bsp F	3	07
25.1290.80	1/4 Bsp F	3	08

Drain Jetting Nozzles (3/8")



RATED PRESSURE 350 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	HOLES	NOZZLE SIZE
25.1223.30	3/8 Bsp F	3	03
25.1223.40	3/8 Bsp F	3	04
25.1223.50	3/8 Bsp F	3	05
25.1223.60	3/8 Bsp F	3	06
25.1223.70	3/8 Bsp F	3	07
25.1223.80	3/8 Bsp F	3	08

CODE	INLET	HOLES	NOZZLE SIZE
25.1224.30	3/8 Bsp F	3+1	03
25.1224.40	3/8 Bsp F	3+1	04
25.1224.50	3/8 Bsp F	3+1	05
25.1224.60	3/8 Bsp F	3+1	06
25.1224.70	3/8 Bsp F	3+1	07
25.1224.80	3/8 Bsp F	3+1	08
25.1224.12	3/8 Bsp F	3+1	12

Rotary Drain Jetting Nozzles (3/8")



RATED PRESSURE 250 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	HOLES	NOZZLE SIZE
25.1295.60	3/8 Bsp F	3	06
25.1295.70	3/8 Bsp F	3	07
25.1295.80	3/8 Bsp F	3	08

CODE	INLET	HOLES	NOZZLE SIZE
25.1295.90	3/8 Bsp F	3	09
25.1295.10	3/8 Bsp F	3	10
25.1295.11	3/8 Bsp F	3	11

Drain Jetting Nozzles (3/8")



RATED PRESSURE 250 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	HOLES	NOZZLE SIZE
25.1210.51	3/8 Bsp M	9	06

RU Reaction Drain Cleaning Nozzles* (Nickel plated)

The RU Reaction Nozzle is the most universal Drain Cleaning Nozzle. Typically used in a day to day residential application. A drain cleaning nozzle is made of tempered, casehardened steel with a zinc plated coat. Drain Cleaning is carried out through water thrust. The nozzles are fitted with a front water jet port, which provides the option for pre-treatment of dirt when necessary.



RATED PRESSURE 300 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 160 °C



CODE	INLET	SIDE NOZZLE	FRONT NOZZLE	DIMEN. S	DIAMETER	WEIGHT
		qty	qty	mm	mm	g
25.1236.00	1/2 Bsp F	5 - M6	1 - M6	27.5 x 40	50 - 100	70
25.1237.00	3/4 Bsp F	6 - M6	1 - M6	38 x 62	60 - 130	242
25.1239.00	1 Bsp F	6 - M6	1 - M6	45 x 65.6	80 - 150	351

*Note: Above nozzles do not include inserts; all inserts are sold Separately.

RR-TF Rotating Drain Cleaning Nozzles* (Stainless Steel)

The RR-TF Rotating Drain Cleaning Nozzle specialises in breaking up medium to soft compounds. Typically used to penetrate blockage when mechanical agitation is required. A drain cleaning nozzle is made out of Stainless Steel for optimal lifetime longevity. Drain Cleaning is carried out through water thrust and Anti-Clockwise nozzle tip rotation. The nozzle is fitted to a port to control the speed of the nozzle to fit different applications.



RATED PRESSURE 300 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 160 °C



CODE	INLET	REAR NOZZLE	FRONT NOZZLE	DIMEN. S	DIAMETER	WEIGHT
		qty	qty	mm	mm	g
25.1246.00	1/2 Bsp F	6 - M6	4 - M6	35 x 78	50 - 100	310
25.1247.00	3/4 Bsp F	6 - M6	4 - M6	49.5 x 101.8	100 - 200	845
25.1249.00	1 Bsp F	6 - M6	4 - M6	49.5 x 103.8	100 - 200	810

*Note: Above nozzles do not include inserts; all inserts are sold Separately.

RR-TS Rotating Drain Cleaning Nozzles* (Stainless Steel)

The RR-TS Rotating Drain Cleaning Nozzle's unique nozzle insert configuration provides both propulsion and a rotating body action. This rotation ensures that pipes are thoroughly cleaned in all 360° of the pipe surface. There are no bearings to oil or lubricate. A drain cleaning nozzle is made out of Stainless Steel for optimal lifetime longevity. Drain Cleaning is carried out through water thrust and Anti-Clockwise nozzle tip rotation. The RR-TS will be your last nozzle in the drain to ensure a 360° clean/flush.



RATED PRESSURE 300 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 160 °C



CODE	INLET	REAR NOZZLE	FRONT NOZZLE	DIMEN. S	DIAMETER	WEIGHT
		qty	qty	mm	mm	g
25.1370.00	1/2 Bsp F	6 - M6	4 - M6	34.7 x 71.3	50 - 150	310
25.1375.00	3/4 Bsp F	6 - M6	4 - M6	49.5 x 102	100 - 200	845
25.1380.00	1 Bsp F	6 - M6	4 - M6	49.5 x 104	100 - 200	810

*Note: Above nozzles do not include inserts; all inserts are sold Separately.

SNT Reaction Drain Cleaning Nozzles

The SNT nozzle is an excellent penetrating nozzle for a variety of applications. Deformed pipes, roots or other blockages inevitably yield to this high performance nozzle. The combination of four forward jets and sharp edges of the SNT makes it an ideal selection for total blockage removal.



RATED PRESSURE 300 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 160 °C



CODE	INLET	REAR NOZZLE	FRONT NOZZLE	DIMEN. S	DIAMETER	WEIGHT
		qty	qty	mm	mm	g
4052600126	1/4 Bsp F	3 - M6	4 - M6	20 x 35	25 - 80	40
4052600133	3/8 Bsp F	3 - M6	4 - M6	25 x 45	30 - 120	70
4052600009	1/2 Bsp F	3 - M6	4 - M6	30 x 55	40 - 100	140

SNO Reaction Drain Cleaning Nozzle



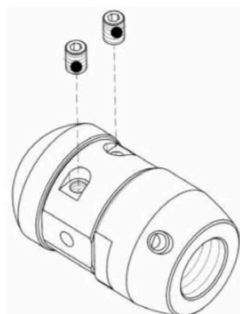
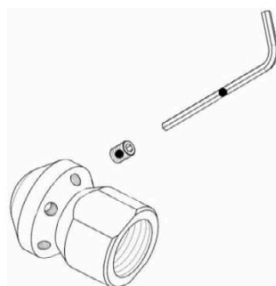
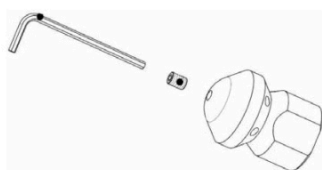
The SNO nozzle is a high-efficiency nozzle suitable for all round cleaning of lines. Utilising 6 threaded inserts, the SNO will give the operator efficiency above 80%. These efficiencies get the cleaning job done and will save the operator time, water, and fuel.

RATED PRESSURE 300 bar
RATED FLOW See nozzle chart A
RATED TEMPERATURE 160 °C



CODE	INLET	REAR NOZZLE	FRONT NOZZLE	DIMEN. S	DIAMETER	WEIGHT
		qty	qty	mm	mm	g
4052600015	1/2 Bsp F	6 - M6x8	1 - M6x8	42 x 58	50 - 100	300

Drain Cleaning Nozzle Inserts



RATED PRESSURE 250 bar
RATED FLOW See nozzle chart C
RATED TEMPERATURE 160 °C



CODE	NOZZLE SIZE	NOZZLE F.P.
	mm	
25.1250.51	M 6 x 1	015
25.1251.51	M 6 x 1	025
25.1252.51	M 6 x 1	035
25.1255.51	M 6 x 1	055
25.1257.51	M 6 x 1	07
25.1258.51	M 6 x 1	075
25.1259.51	M 6 x 1	08
25.1260.51	M 6 x 1	10
25.1263.51	M 6 x 1	12
25.1265.51	M 6 x 1	15

How to determine the correct insert for your drain jetting nozzle?

Depending on the nozzle you are using, the number of inserts will change. You can check each nozzle to determine the number of inserts and/or plugs that you will require.

Each insert acts like a normal water nozzle that allows a certain amount of water to exit the nozzle at a certain pressure. The higher the pressure, the more water will exit the nozzle. We refer to nozzle sizes in two different formats. The first is in millimetres and the second is FP. The FP is the standard sizing system used in your 1/4 Meg nozzles, for example 1/4-25045 where the 45 is the nozzle FP.

Using FP makes sizing multiple nozzles easier as you can simply add and subtract the total FP size to reach the correct size for the pump in use. An example of this is that two 03 nozzles displace the same amount of water as one 06 nozzle.

You can use the formula to work out the total FP required for your nozzle. Depending on the nozzle you are using, you can then decide how much of the machines' flow you want working either forward, backwards or out the sides of your nozzle. You will often need to plug certain holes to assist the nozzle to rotate correctly or simply to reach the correct total FP.

As with a standard pressure cleaner, you will always make the nozzle size slightly smaller than the formula allows for, of course when using a long hose, this might need to be increased higher than the FP to compensate for back pressure.

If you have any concerns or questions when sizing your nozzle just give us a call!

Self-Centering Guide for Reaction Nozzles for RR-TF & RR-TS Nozzle



CODE	CONNECTION	DIMENSIONS	WORKING DIM.	WEIGHT
		Ø x L mm	Ø mm	g
G01000019	1/2 Bsp M	77 x 100	80	400
G01000020	1/2 Bsp M	87 x 100	100	500
G01000021	1/2 Bsp M	117 x 160	120	900



Self-Centering Guide for Reaction Nozzles for RR-TF & RR-TS Nozzle



CODE	CONNECTION	DIMENSIONS	WORKING DIM.	WEIGHT
		Ø x L mm	Ø mm	g
G01000022	3/4 Bsp M	135 x 190	150	2200
G01000023	1 Bsp M	135 x 190	150	1900





TANK & BARREL CLEANING

TANK & BARREL CLEANING

Optimal cleaning performance is achieved through application-specific configuration of tank and barrel cleaning heads. Water flow, temperature, pressure, and rotational speed are meticulously calibrated to the product and vessel dimensions, guaranteeing efficient cleaning cycles.



HIGHLIGHTS

- 01 Available in electrically driven or self-propelled versions.
- 02 PA tank cleaners are made completely from stainless steel. This makes them suitable for utilisation in the food service industry.

Tank & Barrel Cleaners



M28E - Electric-driven Barrel Cleaner + Fluid Suction

Standard M4 nozzles supplied: 02-025-03-035-04



CODE	MAX PRESSURE bar	FLOW RATE l/min	INLET	POWER	BARREL Ø mm	WEIGHT g
25.4380.00	140	10 - 25	AR1 A M22	220V AC	640	5955



M63E - M63PA - Self-propelled Tank Cleaner - Atex

Nozzles not included. Please refer to nozzle chart for sizes.



CODE	MAX PRESSURE bar	FLOW RATE l/min	INLET	MIN OVERALL Ø mm	WEIGHT g
25.4500.00	140	20 - 80	3/8 Bsp F	86	5452



M85E - Self-propelled Tank Cleaner - Atex

Nozzles not included. Please refer to nozzle chart for sizes.



CODE	MAX PRESSURE bar	FLOW RATE l/min	INLET	MIN OVERALL Ø mm	WEIGHT g
25.4770.00	140	20 - 80	3/8 Bsp F	86	5452



A80R - Self-propelled Tank Cleaner

Nozzles not included. Available on ex-import and manufactured to your application specifications.



CODE	MAX PRESSURE bar	FLOW RATE l/min	INLET	MIN OVERALL Ø mm	WEIGHT g
25.4820.50	140	40 - 50	3/4 Bsp F	165	6120

Protection for A80R with Extended Nozzles

For use with A80R - 25.4820.50
Fixing screws and nuts included.



CODE	MATERIAL	WEIGHT g
25.4822.00	S/Steel	642



Nozzles for A80R Self-propelled Tank Cleaner

RATED PRESSURE 310 bar
RATED FLOW See nozzle charts
RATED TEMPERATURE 150 °C



CODE	INLET	ANGLE	NOZZLE SIZE
80.0418.23	1/4 Npt M	0°	07
80.0419.23	1/4 Npt M	0°	08
80.0420.23	1/4 Npt M	0°	09
80.0421.23	1/4 Npt M	0°	095
80.0422.23	1/4 Npt M	0°	11
80.0423.23	1/4 Npt M	0°	12
80.0424.23	1/4 Npt M	0°	13
80.0425.23	1/4 Npt M	0°	14



Surface Cleaner



RATED PRESSURE 280 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 90 °C



CODE	INLET	DIAMETER mm	NOZZLES	WEIGHT g
1011.0030.00	3/8 Bsp F	457	2 x required	11 500

* Nozzles not included

Water Broom



RATED PRESSURE 280 bar
RATED FLOW See nozzle charts A
RATED TEMPERATURE 150 °C



CODE	INLET	LENGTH mm	NOZZLES*	WEIGHT g
1011.0020.00	1/4 Bsp F	406,4	4 x required	1 700

* Nozzles not included

Undercarriage Cleaner



RATED PRESSURE 280 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 90 °C



CODE	DIAMETER mm	INLET	LENGTH mm	NOZZLES*	WEIGHT g
1011.0060.00	505	3/8 Bsp F	1 170	2 x required	12 800

Complete with hose, gun, and spray bar
* Nozzles not included

Sludge Pump & Hose



RATED PRESSURE 250 bar
RATED FLOW 18 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET mm	NOZZLE*	WEIGHT g	LENGTH mm
A 0213000610	3/8 Bsp F	38	1/4 NPT 0°	329	275
B 4139900000	-	-	-	210	4210

* Nozzle not included

Nozzle Protector Kit (Mild Steel Plated)

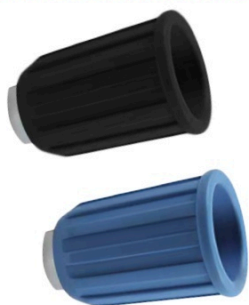


RATED PRESSURE 250 bar
RATED FLOW 60 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT
			g
1004.0105.00	1/4 Bsp F	1/4 Bsp F	33,5

Nozzle Protector Kit



RATED PRESSURE 310 bar
RATED FLOW 60 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT	MATERIAL
			g	
1004.1401.00	1/4 Bsp F	1/4 Bsp F	52	Mild Steel
1004.1402.00	1/4 Bsp F	1/4 Bsp F	55	Stainless Steel

TR1 Adjustable Nozzle Holder



RATED PRESSURE 250 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT
			g
22.0000.00	1/4 Bsp F	1/4 Npt F	124

Change Over Nozzle



RATED PRESSURE 207 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT
			g
470300	1/4 Bsp F	2x 1/4 Npt F	170

Gun Holders



CODE	DESCRIPTION
MHOL01002	Polypropylene Gun Holder - Green
MHOL01012	Polypropylene Gun Holder - Orange
MHOL01022	Polypropylene Gun Holder - Black
MHOL01032	Polypropylene Gun Holder - Yellow
1020.0052.00	Stainless Steel Gun Holder



Quick Coupling - ARF 3P Short



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT	Ø PLUG		REPAIR KIT
				g	mm	
300302	1/4 Bsp M	M22x1,5 F	105	14		0110750270
300304	3/8 Bsp M	M22x1,5 F	116	14		0110750270
4100400000	1/2 Bsp M	M22x1,5 F	127	14		0110750270
300303	1/4 Bsp F	M22x1,5 F	117	14		0110750270
300305	3/8 Bsp F	M22x1,5 F	107	14		0110750270
4100400001	1/2 Bsp F	M22x1,5 F	122	14		0110750270

Nipple Quick Coupling - ARF Short



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT	Ø PLUG	
				g	mm
4130800001	1/4 Bsp M	M22x1,5 M	45	14	
4130800003	3/8 Bsp M	M22x1,5 M	50	14	
4130800005	1/2 Bsp M	M22x1,5 M	57	14	
4130800000	1/4 Bsp F	M22x1,5 M	50	14	
4130800002	3/8 Bsp F	M22x1,5 M	42	14	
4130800004	1/2 Bsp F	M22x1,5 M	47	14	
4130800006	M22x 1,5 M	M22x1,5 M	82	14	

Quick Coupling - MVG Rotating Couplings



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	MODEL	WEIGHT	
			g	
0212000050	1/4 Bsp M	MVG 9	103	
0212000040	3/8 Bsp M	MVG 8	112	
0212000010	1/2 Bsp M	MVG 5	112	
0212000030	1/4 Bsp F	MVG 7	113	
0212000020	3/8 Bsp F	MVG 6	104	
0212000000	1/2 Bsp F	MVG 4	119	

Nipple Quick Coupling - MVG Rotating



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	MODEL	WEIGHT	REPAIR KIT
				O-ring Only
0212000150	1/4 Bsp M	MVG 9	57	060140
0212000140	3/8 Bsp M	MVG 8	58	060140
0212000110	1/2 Bsp M	MVG 5	71	060140
0212000130	1/4 Bsp F	MVG 7	65	060140
0212000120	3/8 Bsp F	MVG 6	57	060140
0212000100	1/2 Bsp F	MVG 4	63	060140

Quick Coupling - Coupler M21



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	Ø PLUG mm	REPAIR KIT
26.0270.50	3/8 Bsp M	M21x1,5 F	110	14	O-ring Only 10.3109.95

Quick Coupling - Nipple M21



RATED PRESSURE 250 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	Ø PLUG mm
26.0046.31	3/8 Bsp M	M21x1,5 M	49	14

Quick Coupling - Coupler ARF 3P



RATED PRESSURE 350 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	Ø PLUG mm	REPAIR KIT
4100400034	3/8 Bsp M	M22x1,5 F	145	14	O-ring Only 060123

Quick Coupling - Nipple ARF



RATED PRESSURE 350 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	Ø PLUG mm
4130800012	3/8 Bsp F	M22x1,5 M	55	14

Quick Coupling - Coupler ARF70



RATED PRESSURE 640 bar
RATED FLOW 80 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	Ø PLUG mm	REPAIR KIT
4100400022	3/8 Bsp M	M24x1,5 F	150	15	O-ring Only G00001236
4100400023	1/2 Bsp M	M24x1,5 F	160	15	G00001236

Quick Coupling - Nipple ARF70



RATED PRESSURE 640 bar
RATED FLOW 80 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	Ø PLUG mm
4100400025	3/8 Bsp M	M24x1,5 M	82	15
4100400026	1/2 Bsp M	M24x1,5 M	92	15

Ball Quick Coupling



RATED PRESSURE 250 bar
RATED FLOW 50 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	MODEL	WEIGHT
			g
1002.1108.00	3/8 Bsp M	Brass Ball	97

REPAIR KIT

O-ring Only

ORG-QC38HT-V

Plug for Ball Quick Coupling



RATED PRESSURE 250 bar
RATED FLOW 50 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	MODEL	WEIGHT
			g
1002.1124.00	3/8 Bsp M	Zinc-Plated Plug	46

Ball Quick Coupling



RATED PRESSURE 310 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 100 °C



CODE	INLET	MODEL	WEIGHT
			g
1002.1111.00	1/4 Bsp F	Stainless Ball	75
1002.1112.00	1/4 Bsp M	Stainless Ball	75
1002.1114.00	3/8 Bsp M	Stainless Ball	75

Plug for Ball Quick Coupling



RATED PRESSURE 310 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 100 °C



CODE	INLET	MODEL	WEIGHT
			g
1002.1125.00	1/4 Bsp F	Stainless Plug	29
1002.1126.00	1/4 Bsp M	Stainless Plug	29
1002.1128.00	3/8 Bsp M	Stainless Plug	29

Ball-Type Quick Coupling (Stainless Steel)



RATED PRESSURE 250 bar
RATED FLOW 50 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	MODEL	WEIGHT
			g
26.2500.10	3/8 Bsp F	S/Steel Ball	105
26.2500.30	1/2 Bsp F	S/Steel Ball	132
26.2500.40	1/2 Bsp M	S/Steel Ball	140

Plug for Ball-Type Quick Coupling (Stainless Steel)



RATED PRESSURE 250 bar
RATED FLOW 50 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	MODEL	WEIGHT
			g
26.2520.10	3/8 Bsp F	S/Steel Plug	50
26.2520.30	1/2 Bsp F	S/Steel Plug	87
26.2520.40	1/2 Bsp M	S/Steel Plug	60

Quick Coupling - Geka Couplings



RATED PRESSURE 10 bar
RATED FLOW 60 l/min
RATED TEMPERATURE 60 °C



CODE	DESCRIPTION	CONNECTION
		inch
A GEKH00008	Hoseliner	1/2
B GEKF00008	Geka Female	1/2
C GEKM00008	Geka Male	1/2
A GEKH00012	Hoseliner	3/4
B GEKF00012	Geka Female	3/4
C GEKM00012	Geka Male	3/4
A GEKH00016	Hoseliner	1
B GEKF00016	Geka Female	1
C GEKM00016	Geka Male	1
D GEKS00001	Geka Rubber Seal	-

Quick Coupling - Water Inlet Coupling

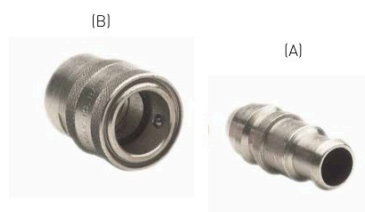


RATED PRESSURE 8 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 60 °C



CODE	DESCRIPTION	CONNECTION	WEIGHT
			g
A 0212003670	Nipple	1/2 Bsp M x 3/4 Bsp M	45
B 0109720010	Stainless Steel Filter	-	2
C 0209000210	(Standard Garden) Hose Barb	3/4 Bsp F	60
D 0209000310	(Standard Garden) Hose Connector	16-19mm	150

Quick Coupling - Ball Type Coupler for Water Suction



RATED PRESSURE 10 bar
RATED FLOW 24 l/min
RATED TEMPERATURE 90 °C



CODE	CONNECTION	WEIGHT	Ø PLUG
		g	mm
B 28.0250.00	1/2 Bsp M	157	22
B 28.0250.30	3/4 Bsp M	120	22
B 28.0250.40	3/4 Bsp F	162	22
A 28.0255.31	17-19mm Hose Barb	66	22

Swivel - SW ECO



RATED PRESSURE 207 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT g
0212006000	3/8 Bsp F	3/8 Bsp M	102

Swivel - SW PRO



RATED PRESSURE 220 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT g
4100801004	3/8 Bsp F	3/8 Bsp M	79

Brass Swivel



RATED PRESSURE 220 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 150 °C



CODE	INLET	OUTLET	WEIGHT g
1002.1001.00	1/4 Bsp F	1/4 Bsp M	80

Swivel - 90°



RATED PRESSURE 210 bar
RATED FLOW 40 l/min
RATED TEMPERATURE 100 °C



CODE	INLET	OUTLET	WEIGHT g	REPAIR KIT
1020.0042.10	1/4 Bsp M	1/4 Bsp F	383	1020.0042.00

Swivel - 90° Coupling



RATED PRESSURE 250 bar
RATED FLOW 45 l/min
RATED TEMPERATURE 160 °C



CODE	INLET	OUTLET	WEIGHT g	REPAIR KIT
0212006250	1/4 Bsp M	1/4 Bsp F	395	0212106270
0212006260	3/8 Bsp M	3/8 Bsp F	395	0212106270

90° Swivel Joint (Stainless Steel)



RATED PRESSURE 600 bar
RATED FLOW 80 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT g
26.1330.00	1/2 Bsp M	1/2 Bsp F	636

Water Filter - MV20



RATED PRESSURE 8 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 60 °C



CODE	INLET	OUTLET	WEIGHT	REPAIR KIT
			g	
41200030001	3/4 Bsp F	3/4 Bsp M	98	C00100074

Water Filter - Line Strainer



RATED PRESSURE 10 bar
RATED FLOW 30-55 l/min
RATED TEMPERATURE 40 °C



CODE	INLET	OUTLET	WEIGHT	SCREEN	EFFECTIVE AREA	REPAIR KIT
			g		cm²	
8105038	1/2 Bsp F	1/2 Bsp F	135	177 Micron	25,6	C00100059
8105042	3/4 Bsp F	3/4 Bsp F	135	177 Micron	25,6	C00100059

Water Filter - MV18



RATED PRESSURE 10 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 60 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	STRAINING POWER
			g		
4120000000	1/2 Bsp F	1/2 Bsp M	257	1/4 Bsp F	180 Micron

Water Filter - FA 1 Aluminium Strainer with By-Pass



RATED PRESSURE 40 bar
RATED FLOW 25 l/min
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	BY-PASS	STRAINING POWER
			g		
28.0010.00	1/2 Bsp F	1/2 Bsp M	217	1/4 Bsp F	400 Micron

Water Filter - FY5 Plastic "Y" Strainer



RATED PRESSURE 10 bar
RATED FLOW 80 l/min
RATED TEMPERATURE 40 °C



CODE	INLET	OUTLET	WEIGHT	STRAINING POWER
			g	
15.0004.12	3/4 Bsp F	3/4 Bsp F	202	300 Micron
15.0004.02	1 Bsp F	1 Bsp F	180	300 Micron

Water Filter - Line Filter



RATED PRESSURE 14 bar
RATED FLOW 100 l/min
RATED TEMPERATURE 40 °C



CODE	INLET	OUTLET	WEIGHT	SCREEN	EFFECTIVE AREA	REPAIR KIT
			g		cm²	
32420335	3/4 Bsp F	3/4 Bsp F	135	177 Micron	30	32220035.030
3244043	1 Bsp F	1 Bsp F	135	297 Micron	38	3232003.030
3282053	1 1/4 Bsp F	1 1/4 Bsp F	800	297 Micron	106	3262003.030

Transparent Water Filter - Large



RATED PRESSURE	8	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	60	°C



CODE	INLET	OUTLET	WEIGHT	SIZE
			g	inch
CDR.10STDA	3/4 Bsp F	3/4 Bsp F	2050	10

Transparent Water Filter - Large



RATED PRESSURE	12	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	60	°C



CODE	INLET	OUTLET	WEIGHT	SIZE
			g	inch
1006.0102.00	3/4 Bsp F	3/4 Bsp F	1090	10
1006.0103.00	1" Bsp F	1" Bsp F	1090	10

Includes bracket and spanner

Water Filter - Nylon Mesh Filter Cartridge



RATED PRESSURE	8	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	60	°C



CODE	WEIGHT	FILTRATION
	g	µm
1006.0112.00	100	100

For use with Large 10" Filter: CDR.10STDA, 1006.0102.00, & 1006.0103.00

Water Filter - Polypropylene Thread Filter Cartridge



RATED PRESSURE	8	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	60	°C



CODE	WEIGHT	FILTRATION
	g	µm
10006.0111.00	210	5
CDR.10SF1	220	1

For use with Large 10" Filter: CDR.10STDA, 1006.0102.00, & 1006.0103.00

Water Filter - Resin Filter Cartridge



RATED PRESSURE	8	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	60	°C



CODE	WEIGHT	FILTRATION
	g	µm
CDR.10SP	415	5

For use with Large 10" Filter: CDR.10STDA, 1006.0102.00, & 1006.0103.00

Water Filter - Fixing Bracket for Water Filter



CODE	WEIGHT
	g
CDR.7268	70

For use with Large 10" Filter: CDR.10STDA, 1006.0102.00, & 1006.0103.00



Water Filter - Spanner



CODE	WEIGHT
	g
CDR.1579	70

For use with Large 10" Filter: CDR.10STDA, 1006.0102.00, & 1006.0103.00



Suction Filter Water Hose



CODE	HOSE LENGTH	HOSE SIZE	FILTRATION	WEIGHT
	mm	inch	µm	g
FILT01001	3000	1/2"	50 - 75	1200

Water Filter - Suction Strainer for Tank



RATED PRESSURE	8	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	60	°C



CODE	OUTLET	WEIGHT	SCREEN
		g	
28.2027.23	1/2 Bsp F	33	297 Micron

High Pressure In-line Filter



RATED PRESSURE	310	bar
RATED FLOW	30	l/min
RATED TEMPERATURE	100	°C



CODE	INLET	OUTLET	STRAINING	WEIGHT	REPAIR KIT
				g	
0211000660	1/4 Bsp F	1/4 Bsp M	137 Micron	110	0109720060

NOTES

Valves - 2-Way Ball Valve



RATED PRESSURE 16 bar
RATED TEMPERATURE 60 °C



CODE	INLET	OUTLET	WEIGHT
			g
45511103	3/4 Bsp F	3/4 Bsp F	180
45511105	1 1/4 Bsp F	1 1/4 Bsp F	180

Valves - Ball Valve (Nickel Plated Brass)



RATED PRESSURE 210 bar
RATED TEMPERATURE 80 °C

CODE	INLET	OUTLET	WEIGHT	Ø HOLE
			g	mm
1130000219	3/8 Bsp F	3/8 Bsp F	475	8
1130000233	1/2 Bsp F	1/2 Bsp F	630	12



Valves - Rubber Protected Ball Valve (Stainless Steel)



RATED PRESSURE 60 bar
RATED TEMPERATURE 95 °C



CODE	INLET	OUTLET	WEIGHT
			g
4801	1/2 Bsp F	1/2 Bsp F	468

Valves - Check Valve (Stainless Steel)



RATED PRESSURE 500 bar
RATED TEMPERATURE 90 °C



CODE	INLET	OUTLET	WEIGHT	RATED FLOW
			g	l/min
4074000004	1/4 Bsp F	1/4 Bsp F	114	25
4074000005	3/8 Bsp F	3/8 Bsp F	212	40
4074000006	1/2 Bsp F	1/2 Bsp F	409	80

Valves - Inlet Pressure Reducer (Brass)

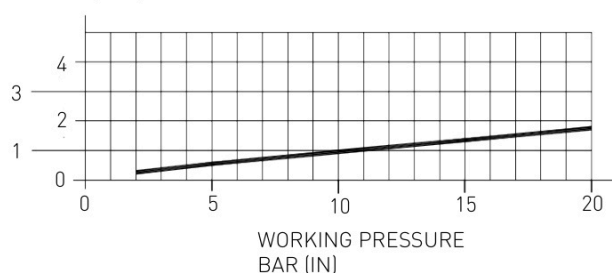


RATED PRESSURE 29 bar
RATED TEMPERATURE 70 °C

CODE	INLET	OUTLET	WEIGHT	RATED FLOW	WORKING PRESSURE
			g	l/min	bar
28.0700.00	1/2 Bsp F	1/2 Bsp F	266	32	1,5



WORKING PRESSURE
BAR (OUT)



Pressure Switch - Micro



RATED PRESSURE 250 bar
RATED TEMPERATURE 90 °C
CABLE LENGTH 1200 mm



IP 55

CODE	INLET	WEIGHT g	ELECTRICAL TOLERANCE		ACTIVATION PRESSURE bar
			Volts	Amperes	
1150001800	1/8 Bsp M	165	250	5	25
1150002100	1/4 Bsp M	165	250	5	25
1150002300	3/8 Bsp M	165	250	5	15
1150002400	3/8 Bsp M	165	250	5	25

Pressure Switch - PS60



RATED PRESSURE 600 bar
RATED TEMPERATURE 90 °C
CABLE LENGTH 1200 mm



IP 55

CODE	INLET	WEIGHT g	ELECTRICAL TOLERANCE		ACTIVATION PRESSURE bar
			Volts	Amperes	
4090003000	3/8 Bsp M	285	250	16	25

Flow Switch - MV60



RATED PRESSURE 350 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 80 °C
CABLE LENGTH 1570 mm



IP 55

CODE	INLET	OUTLET	WEIGHT g	ELECTRICAL TOLERANCE		MIN OPERATING FLOW RATE	
				Volts	Amperes	l/min (Horizontal)	l/min (Vertical)
4090200001	3/8 Bsp F	3/8 Bsp F	467	250	3	-	4
4090200002	3/8 Bsp F	3/8 Bsp F	467	250	3	6	9

Flow Switch - MV70 Inox with Probe



RATED PRESSURE 640 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 80 °C
CABLE LENGTH 1570 mm



IP 55

CODE	INLET	OUTLET	WEIGHT g	ELECTRICAL TOLERANCE		MIN OPERATING FLOW RATE	
				Volts	Amperes	l/min (Horizontal)	l/min (Vertical)
4090200007	3/8 Bsp F	3/8 Bsp F	467	250	3	6	9

Flow Switch - MV63



RATED PRESSURE 390 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 80 °C
CABLE LENGTH 1570 mm



IP 55

CODE	INLET	OUTLET	WEIGHT g	ELECTRICAL TOLERANCE		MIN OPERATING FLOW RATE	
				Volts	Amperes	l/min (Horizontal)	l/min (Vertical)
4090200019	3/8 Bsp F	3/8 Bsp F	467	250	3	-	0,3

Flow Switch - ST-7



RATED PRESSURE 350 bar
RATED FLOW 45 l/min
RATED TEMPERATURE 80 °C
CABLE LENGTH 1150 mm



IP 65

CODE	INLET	OUTLET	WEIGHT g	ELECTRICAL TOLERANCE		FLOW RATE	
				Volts	Amperes	l/min (NC)	l/min (NO)
200007510	3/8 Bsp F	3/8 Bsp F	359	250	10	1,5	0,8

Solenoid Valve - Type 6013



RATED PRESSURE 12 bar
VALVE STATE NC



CODE	SIZE	VOLTAGE
836137537	1/4"	24

Solenoid Valve - Type 6213



RATED PRESSURE 10 bar
VALVE STATE NC



CODE	SIZE	VOLTAGE
836126291	1"	230

Automatic R.P.M. Regulator for Petrol Engines



RATED PRESSURE 200 bar
RATED TEMPERATURE 75 °C
CABLE LENGTH 1000 mm



CODE	INLET	WEIGHT g	OPERATING PRESSURE	
			bar (Min)	bar (Max)
SPEEDMATIC	3/8 Bsp M	430	50	200

Thermal Relief ML610



RATED PRESSURE 10 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 56 °C



CODE	INLET	Ø OUTLET mm	WEIGHT g
0215010440	1/2 Bsp F	7,5	53

NOTES



STARTERS

DIRECT ON LINE (DOL)

A DOL starter is a switch that connects a motor directly to a power supply. Standard with overload protection, DOL makes controlling your motor as easy as flipping a switch.



MANUAL MOTOR STARTERS (MMS)

Manual motor starters are the best of both worlds, combining the contactor and overload relay together for a more finely tuned product. Being manually operated, MMS are fitted with an ON/OFF button, toggle or rotary switch which, in certain designs, can be fitted with accessories allowing for operation on the panel interface.

Motor Manual Starter and Enclosure



kW 4.0 - 7.5
AMPERES 6.3 - 18.0
VOLTAGE 220 / 380



CODE	ELECTRICAL TOLERANCE		
	kW	Amperes	Voltage
A ELEA05000 (A)		N/A	220 / 380
B ELEM01010 (B)		6.3-10.0	220 / 380
B ELEM01016 (B)		10.0-16.0	220 / 380
B ELEM01018 (B)		12.0-18.0	220 / 380

Direct On Line Starter



kW 3.0 - 15.0
AMPERES 12.0 - 32.0
VOLTAGE 220 / 380 / 525



CODE	ELECTRICAL TOLERANCE		
	kW	Amperes	Voltage
ELED03230	3.0	15.0-23.0	220
ELED04400	4.0	7.0-10.0	380
ELED05400	5.5	8.0-12.5	380
ELED05525	5.5	7.0-10.0	525
ELED07400	7.5	12.0-18.0	380
ELED07525	7.5	8.0-12.5	525
ELED11400	11.0	15.0-23.0	380
ELED11525	11.0	12.0-18.0	525
ELED15400	15.0	22.0-32.0	380
ELED15525	15.0	15.0-23.0	525

Direct On Line Starter c/w LWP (For PWB)



kW 1.5 - 15.0
AMPERES 5.6 - 32.0
VOLTAGE 220 / 380



CODE	ELECTRICAL TOLERANCE		
	kW	Amperes	Voltage
KSTB22010	1.5	7.0-10.0	220
KSTB22015	2.2	10.0-15.0	220
KSTB22017	3	11.0-17.0	220
KSTB38008	3	5.6-8.0	380
KSTB38010	4	7.0-10.0	380
KSTB38012	5.5	8.0-12.5	380
KSTB38017	7.5	11.0-17.0	380
KSTB38023	11	15.0-23.0	380
KSTB38032	15	22.0-32.0	380

Direct On Line Starter c/w LWP (For PWC)



kW 7.5 - 15.0
AMPERES 8.0 - 32.0
VOLTAGE 380 / 525



CODE	ELECTRICAL TOLERANCE		
	kW	Amperes	Voltage
KSTC38117	7.5	11.0-17.0	380
KSTC52112	7.5	8.0-12.5	525
KSTC38123	11	15.0-23.0	380
KSTC52118	11	12.0-18.0	525
KSTC38132	15	22.0-32.0	380
KSTC52123	15	15.0-23.0	525



PROTECTIVE CLOTHING



PROTECTIVE CLOTHING

TST Sweden offers a broad range of protective equipment with technically advanced features, high level of comfort, and exceptional quality. All their hand manufactured personal protective equipment is European CE certified. The Dyneema® fibre is 15 times stronger than steel of the same thickness and is a key component in achieving strong yet comfortable clothing.

**FLEXIBLE
COMFORT
PROTECTION
REDUCE RISK**



**THE STRONGEST FIBRE
IN THE WORLD!**

HIGHLIGHTS

- 01 Working at any pressure poses safety risks, always wear the appropriate PPE.
- 02 Striped fabric clearly identifies protected areas, and labels indicate the level of protection.
- 03 Dyneema® is the world's strongest fibre; this makes it possible to offer high levels of protection against high-pressure hazards even with its flexible & lightweight fabric.

5640025-5000 Protective Overall with Hood*



PROTECTION LEVEL 5/5/2
 ROTOR 500 bar/7500 psi
 FLAT 500 bar/7500 psi
 SINGLE 200 bar/3000 psi
 CE 89/686/EEC

3-layer functional overall which is CE certified for protection against High-Pressure Cleaning and tested for high-pressure hydraulic fluid. Excellent for the toughest conditions. Lined for high comfort. Water- and dirt repellent outside. Openable ventilation in the armpit, waterproof cuffs, and adjustable hood.

OVERALL SIZE	HEIGHT	CHEST
men's size	cm	cm
XS	160 - 157	84
S	168 - 175	92
M	176 - 180	100
L	181 - 186	108
XL	187 - 192	116
2XL	193 - 200	124
3XL	201 - 206	132

FEATURES	FEATURES
Lined for high comfort	Elastic back waist
Inside pocket with zip	Reinforcements on the knees
Waterproof pockets	Adjustable velcro cuffs
Protection on the entire front and head	Openable ventilation in the armpits
Label indicates protection	Knife pocket on right leg
Leg pocket with waterproof zipper on left leg	Pocket for ID card on right sleeves
Protected areas identified by stripes	Hood with room for hearing protection

*Gloves and boots sold separately

5600025-50001 Protective Gloves



Waterproof glove with protection up to 500 bar. The glove has a rough, sand patterned surface and the material itself provides lots of friction, providing the best grip on tools. Generous cuff for easy donning. Supplied with separate inner glove in nylon for extra comfort. The glove has also been tested and classified with the highest values in the following categories: cut protection, abrasion, tear, and puncture.

GLOVE SIZE	FEATURES
S	Made of materials consisting of nylon and Dyneema® fibre
M	Outside is dipped in nitrile rubber
L	Shelf life of up to 3 years

5652025-5000 Protective Boots



PROTECTION LEVEL 5/5/3
 ROTOR 500 bar/7500 psi
 FLAT 500 bar/7500 psi
 SINGLE 300 bar/4350 psi
 CE PROPERATOR

Protective boots CE-certified for pressurised liquids and tested for high-pressure hydraulic fluid. Waterproof boots with protection of up to 500 bar. These boots are meticulously and professionally designed to provide the most comfort and protection in harsh environments.

BOOT SIZE	BOOT SIZE	FEATURES
men's UK	men's UK	
3	9 1/2	Fitted with a steel toecap and steel insert to withstand sharp object
4	10	Completely vulcanised rubber boots with reinforcement to withstand pressurised liquid (black parts)
4 1/2	10 1/2	Textile inner lining for good comfort
5 1/2	11	Adjustable strap on boot shaft
6 1/2	12	Two handles to make the boots easy to put on
7 1/2	13	Non-slip soles
8	-	Boots 500 withstands 300 bar single jet

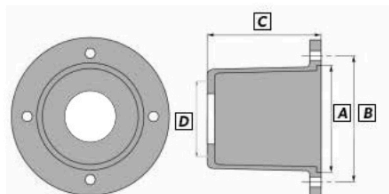
5660045-5920 Hose Protection



Given the proximity of high-pressure hoses to operators and the risk of bursts, particularly at couplings and gun connections, Hose Protection offers critical safety. Tested to 500 bar, it provides reliable operator protection in the event of hose failure.

FEATURES
Length: 750 mm - Diameter: 41 mm - Weight: 0,2kg
Adjustable strap to hold the hose protection securely in place
Made from flexible, yet tough material

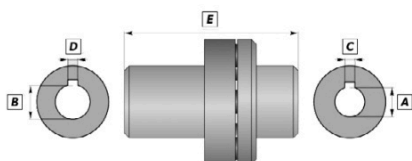
CEMSA Flange



CODE	WEIGHT	SUITABLE PUMPS			MOTOR FRAME		
		Interpump Series	Udor Series	AR	CEMSA	Frame Size mm	Mounting Centres mm
132ZF	1500	47 / 66	B / G / GK	RG	JPB / JPC / JPD	132	165

CODE	MEASUREMENTS			
	A (Ø)	B (Ø)	C (mm)	D (Ø)
132ZF	130	165	155	87

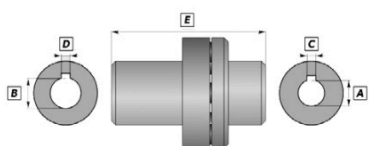
CEMSA Flexible Coupling



CODE	WEIGHT	SHAFT SIZING		MOTOR FRAME	RUBBER STUD
		Motor (mm)	Pump (mm)		
132ZG	1700	38	24	132	132ZGR / 1 required

CODE	MEASUREMENTS				
	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
132ZG	24	38	8	10	115

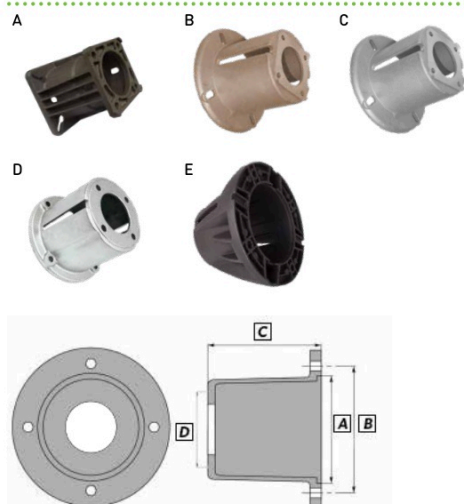
CEMSA Large Flexible Couplings



CODE	WEIGHT	SHAFT SIZING		MOTOR FRAME	RUBBER STUD
		Motor (mm)	Pump (mm)		
MPWL42024	2 500	42	24	160	MPWL42024C / 1 required
MPWX55030	3 700	55	30	200	MPWX55030C / 1 required

CODE	MEASUREMENTS				
	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
MPWL42024	24mm	42mm	8mm	12mm	112mm
MPWX55030	30mm	55mm	8mm	16mm	126mm

INTERPUMP Flanges

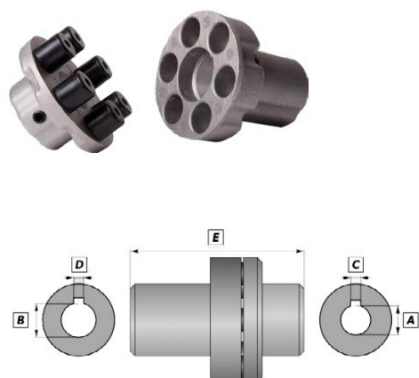


CODE	WEIGHT	SUITABLE PUMPS				MOTOR FRAME		
		g	Interpump Series	Udor Series	AR	CEMSA	Frame Size mm	Mounting Centres mm
A	ZF080	248	44 / 50 / 51	PK	RR / RC	-	80	100
B	ZF070	532	44 / 50 / 51	PK	RR / RC	-	90	115
C	ZF091	538	44 / 50 / 51	PK	RR / RC	-	100 / 112	130
D	ZF151	706	47 / 66	B / G / GK	RG	JPB / JPC / JPD	100 / 112	130
E	ZF132	1500	47 / 66	B / G / GK	RG	JPB / JPC / JPD	132	165

CODE	MEASUREMENTS			
	A (Ø)	B (Ø)	C (mm)	D (Ø)
ZF080	80	100-75	92.5	75
ZF070	70	100-75	92.5	75
ZF091	110	130-115	110	75
ZF151	110	130	110	87
ZF132	130	165	127	87



INTERPUMP Flexible Couplings



CODE	WEIGHT	SHAFT SIZING		MOTOR FRAME	RUBBER STUDS
		g	Motor (mm)		
ZG080	231	19	24	80	10.0090.47 / 4 required
ZG070	460	24	24	90	10.0090.47 / 6 required
ZG091	443	28	24	100 / 112	10.0090.47 / 6 required
ZG151	468	28	24	100 / 112	10.0090.47 / 6 required
ZG132	1080	38	24	132	10.0090.47 / 10 required

CODE	MEASUREMENTS				
	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
ZG080	24	19	8	6	81
ZG070	24	24	8	8	93
ZG091	24	28	8	8	93
ZG151	24	28	8	8	105
ZG132	24	38	8	10	120



Gearbox for PTO

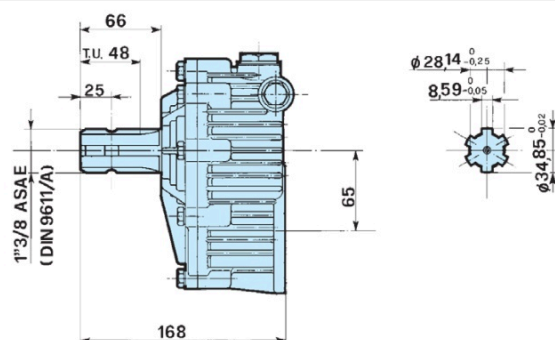


GEAR RATIO	1 : 1,9
ENGINE POWER	9,5 HP
OIL CAPACITY	0,2 L



CODE	WEIGHT	Ø DRIVE SHAFT		SHAFT TYPE	Ø PUMP SHAFT	PUMP SERIES
		mm	inch			
M.PTO	4,2	34,925	1"3/8	Spline	24	JPB, JPC, RG, 47

PTO GEARBOX DIMENSIONS



Reduction Gearbox for Diesel and Petrol Engine

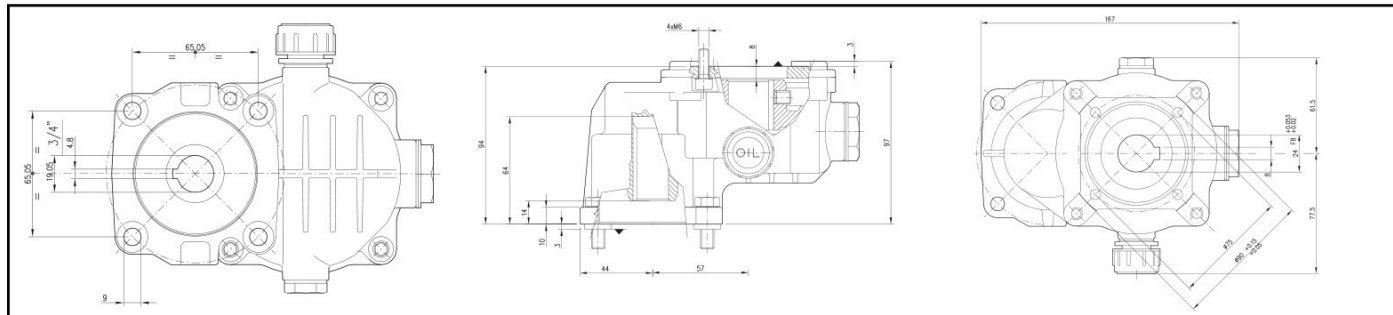


GEAR RATIO 2,3 : 1
ENGINE POWER 5,5 - 6,5 HP
OIL CAPACITY 0,15 L



CODE	WEIGHT	Ø DRIVE SHAFT	Ø PUMP SHAFT	ENGINE POWER	PUMP SERIES
	Kg	mm	inch	HP	
50.0600.00	2,1	19,05	3/4	24	5,5 - 6,5 RC, RR, 44

B5 GEARBOX DIMENSIONS



Reduction Gearbox for Diesel and Petrol Engine

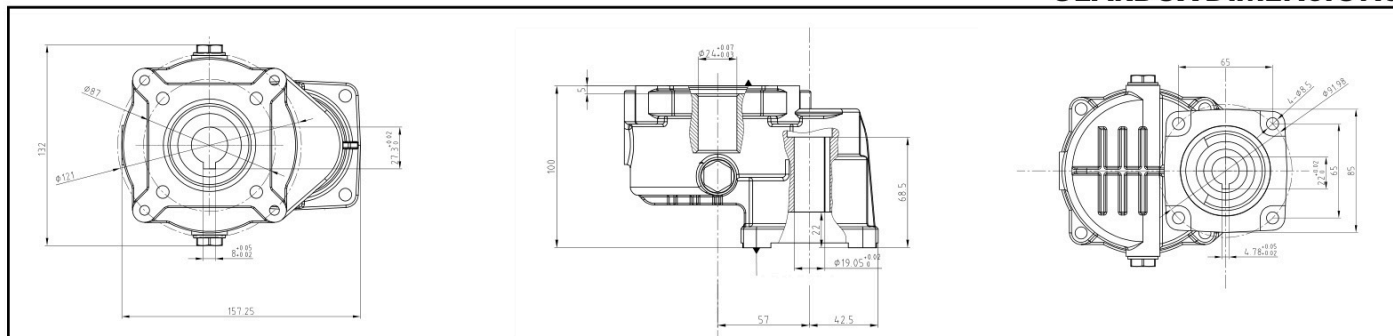


GEAR RATIO 2,176 : 1
ENGINE POWER 5,5 - 6,5 HP
OIL CAPACITY 0,32 L



CODE	WEIGHT	Ø DRIVE SHAFT	Ø PUMP SHAFT	ENGINE POWER	PUMP SERIES
	Kg	mm	inch	HP	
D16	2,5	19,05	0,75	24	5,5-6,5 CW, JPB

GEARBOX DIMENSIONS



Reduction Gearbox for Diesel and Petrol Engine

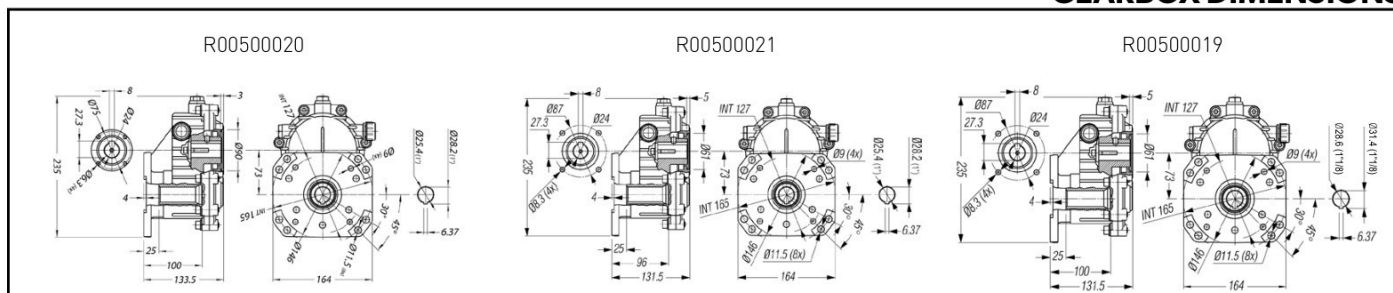


GEAR RATIO 1 : 2,19
ENGINE POWER 9,0 - 35,0 HP
OIL CAPACITY 0,25 L



CODE	WEIGHT	Ø DRIVE SHAFT	Ø PUMP SHAFT	ENGINE POWER	PUMP SERIES
	Kg	mm	inch	HP	
R00500020	4,7	25,4	1	24	9,0-23,0 RC, RR, 44
R00500021	4,7	25,4	1	24	9,0-23,0 CW, CS, JPB, JPC, RG, 47, 66
R00500019	4,7	28,6	1 1/8	24	31,0-35,0 CX, JPD, RG, 47, 66

GEARBOX DIMENSIONS



NOTES

Inlet Water Tank Float Valve RGO (Plastic)



RATED PRESSURE 10 bar
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT g	FLOW l/min
0208000001	3/4 Bsp M	100	30

Inlet Water Tank Float Valve RG30 (Plastic)



RATED PRESSURE 10 bar
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT g	FLOW @ 1 BAR l/min	FLOW @ 2 BAR l/min
29.0220.70	3/4 Bsp M	108	28	40

Inlet Water Tank Float Valve RGO (Brass)



RATED PRESSURE 10 bar
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT g	FLOW @ 1 BAR l/min	FLOW @ 2 BAR l/min	REPAIR KIT
29.0160.20	3/4 Bsp M	363	20	29	29.0199.24

Inlet Water Tank Float Valve (Plastic)



RATED PRESSURE 10 bar
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT g	FLOW @ 1 BAR l/min	FLOW @ 2 BAR l/min
4159500006	3/4 Bsp M	260	30	42

Inlet Water Tank Float Valve RG60 (Brass)



RATED PRESSURE 6 bar
RATED TEMPERATURE 60 °C



CODE	INLET	WEIGHT g	FLOW @ 1 BAR l/min	FLOW @ 2 BAR l/min
29.0280.20	3/4 Bsp M	443	42	60

Water Tank



CAPACITY 3 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT g	DIMENSIONS mm - width x length x height
4131000000	620	265 x 125 x 205

Water Tank Lid



MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT g	COLOUR	DIMENSIONS Ø mm
MPWF01008	200	GREY	120
MPWL22012	200	BLACK	145

PWC Water Tank Black



CAPACITY 300 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
MPWC24003	15 800	920 x 715 x 729

PWM Water Tank



CAPACITY 10 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	COLOUR	WEIGHT	DIMENSIONS
		g	LxWxH / mm
MCPU02005	Green	2 300	397 x 150 x 295
MCPU02025	Black	2 300	397 x 150 x 295

PWE-24 Water Tank Green



CAPACITY 45 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
MPWE24003	7 900	614 x 378 x 310

PWE-48/60 Water Tank Green



CAPACITY 114 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
MPWE01011	11 700	658 x 367 x 630

PWF Water Tank



CAPACITY 60 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	COLOUR	WEIGHT	DIMENSIONS
		g	LxWxH / mm
MPWF01007	Green	5 400	625 x 380 x 355
MPWF01017	Orange	5 400	625 x 380 x 355
MPWF01027	Black	5 400	625 x 380 x 355

PWL Water Tank Green



CAPACITY 100 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
MPWL22011	10 300	925 x 530 x 325

PWB-L Water Tank Green



CAPACITY 250 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
TANK01050	12 000	1 030 x 535 x 550

Trailer Water Tank Green



CAPACITY 500-1 000 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	CAPACITY	WEIGHT	DIMENSIONS
	l	g	LxWxH / mm
TANK01052	500	23 000	1 065 x 775 x 780
TANK01055	1 000	33 000	1 450 x 935 x 1 060

PWH Water Tank White

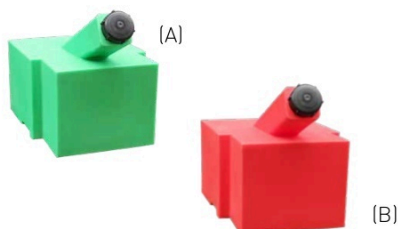


CAPACITY 32 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
MPWH22013	4 400	615 x 235 x 587

PWH Chemical & Diesel Tanks



CAPACITY 18 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	COLOUR	WEIGHT	DIMENSIONS
		g	LxWxH / mm
MPWH22011 (A)	Green	2 500	358 x 289 x 320
MPWH22012* (B)	Red	2 500	358 x 289 x 320

*Fluorinated

Single-Axle Trailer Fuel Tank Red



CAPACITY 10 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS
	g	LxWxH / mm
MPWH22012*	2 300	397 x 150 x 295

*Fluorinated

*Filler breather not included

Fuel Tank Red



CAPACITY 21 l
MATERIAL Polypropylene
RATED TEMPERATURE 60 °C



CODE	WEIGHT	DIMENSIONS	MODELS
	g	LxWxH / mm	
MPWP22003*	3 500	548 x 320 x 190	PWP / PWD / PWP

*Fluorinated

*Filler breather not included

Solid Rubber Wheels



(A)



(B)



(C)

MATERIAL

Rubber



CODE	WEIGHT	SHAFT DIMENSION	WHEEL DIMENSION	MODELS
	g	Ø mm	Ø mm	
WHEL01024 (A)	500	20	150	PWS
WHEL01028 (B)	1 300	20	200	PWS
WHEL01026 (C)	4 800	25	300	PWA
WHEL01027 (C)	6 100	25	350	PWL

Food-Grade Rubber Wheel



MATERIAL

Rubber



CODE	WEIGHT	SHAFT DIMENSION	WHEEL DIMENSION	MODELS
	g	Ø mm	Ø mm	
WHEL02024	800	12	160	PWS-S

Castor Rubber Wheels



(A)



(B)

MATERIAL

Rubber



CODE	WEIGHT	SHAFT DIMENSION	WHEEL DIMENSION	MODELS
	g	Ø mm	Ø mm	
WHEL01003 (B)	2 600	21	160	PWL
WHEL01004 (A)	2 400	21	160	PWL
WHEL01005 (A)	1 200	21	125	PWH
WHEL01006 (B)	1 400	21	125	PWH

Polypropylene Wheel



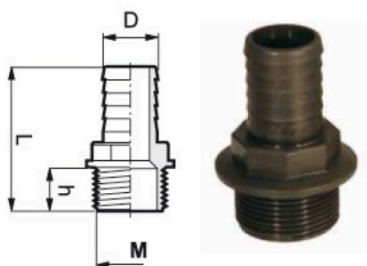
MATERIAL

Polypropylene



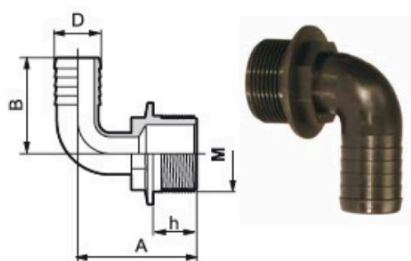
CODE	WEIGHT	SHAFT DIMENSION	WHEEL DIMENSION	MODELS
	g	Ø mm	Ø mm	
MPWM22011	2 590	22	250	PWE / PWM / PWP / PWD / PWJ

Fittings: Straight Hosetails



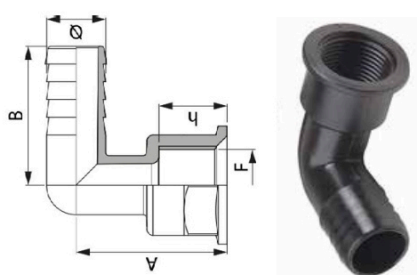
CODE	M	D mm	H mm	L mm	GASKET
1032013	1/4 Bsp M	13	13	52	-
1032113	3/8 Bsp M	13	16	57	-
1032213	1/2 Bsp M	13	18	60	G40002
1032220	1/2 Bsp M	20	18	65	G40002
1032313	3/4 Bsp M	13	22	66	G40015
1032320	3/4 Bsp M	20	22	71	G40015
1032325	3/4 Bsp M	25	22	71	G40015
1032420	1 Bsp M	20	22	72,5	G40004
1032425	1 Bsp M	25	22	72,5	G40004
1032430	1 Bsp M	30	22	77,5	G40004
1032532	1 1/4 Bsp M	32	24	80	G40005
1032635	1 1/2 Bsp M	35	24	85	G40006

Fittings: 90° Hosetails



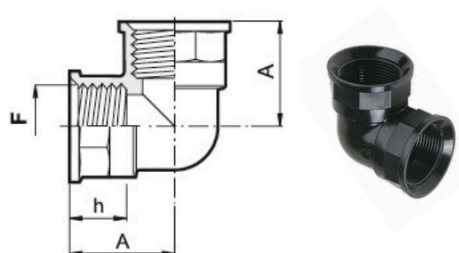
CODE	M	D mm	H mm	A mm	B mm	GASKET
1132113	3/8 Bsp M	13	16	41	45	-
1132213	1/2 Bsp M	13	18	44	45	G40002
1132220	1/2 Bsp M	20	18	44	53	G40002
1132313	3/4 Bsp M	13	22	50	45	G40015
1132320	3/4 Bsp M	20	22	50	53	G40015
1132325	3/4 Bsp M	25	18	55	53	G40015
1132420	1 Bsp M	20	22	50	53	G40004
1132425	1 Bsp M	25	22	59	53	G40004
1132532	1 1/4 M	32	24	62	60	G40005
1132632	1 1/2 M	32	24	62	60	G40006

Fittings: 90° Hosetails



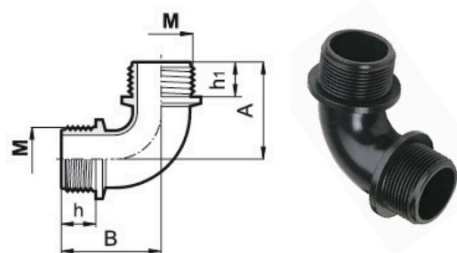
CODE	F	D mm	H mm	A mm	B mm	GASKET
1102320	3/4 Bsp F	20	23	51	47	-

Fittings: 90° Female



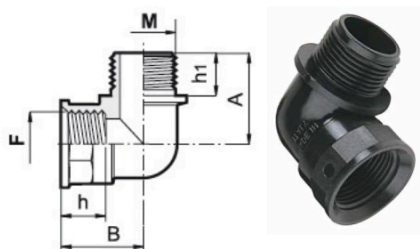
CODE	F	H mm	A mm	O-RING
1202022	1/2 Bsp F	21	33,5	G10041
1202033	3/4 Bsp F	23	38,5	G11058

Fittings: 90° Male



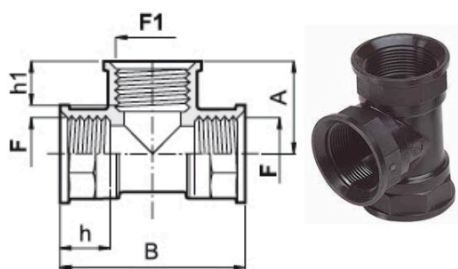
CODE	M	H/H1	A	B	GASKET
		mm	mm	mm	
123044	1 Bsp M	19,5	54	54	G40004

Fittings: 90° Male to Female



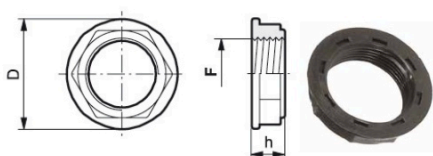
CODE	F/M	H	H1	A	B	O-RING
		mm	mm	mm	mm	
1262022	1/2 Bsp	21	18	35	33,5	G10041
1262033	3/4 Bsp	23	22	40,5	38,5	G11058

Fittings: Tee Female



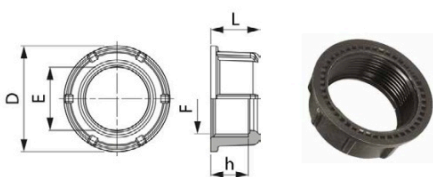
CODE	F	F1	H	H1	A	B	O-RING
			mm	mm	mm	mm	
1302020	1/2 Bsp F	1/2 Bsp F	21	21	33,5	67	G10041
1302030	3/4 Bsp F	3/4 Bsp F	23	23	38,5	77	G11058

Fittings: Back / Lock Nut



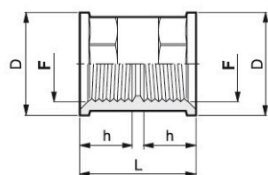
CODE	F	H	D	GASKET
		mm	mm	
2052020	1/2 Bsp F	13	35	G40002
2052030	3/4 Bsp F	13	44	G40015
2052040	1 Bsp F	15,5	50	G40004
2052050	1 1/4 Bsp F	14,3	59	G40005
2052060	1 1/2 Bsp F	15	67	G40006
2052070	2 Bsp F	19,5	80	-

Fittings: Fly Nut



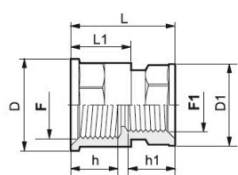
CODE	F	D	E	L	GASKET
		mm	mm	mm	
2002050	1 1/4 Bsp F	57	35	22	G40005

Fittings: Threaded Couplings



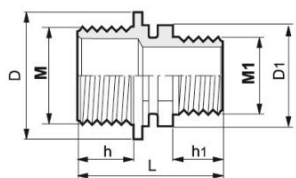
CODE	F	H	L	D	O-RING
		mm	mm	mm	
2302030	3/4 Bsp F	23	51	40	G11058
2302040	1 Bsp F	23	51	45	-
2302060	1 1/2 Bsp F	25	55	62	-

Fittings: Female Reducer Nipple



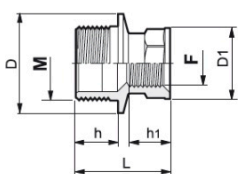
CODE	F	F1	H	H1	L	L1	D	D1	O-RING
		mm	mm	mm	mm	mm	mm	mm	
2352043	1 Bsp F	3/4 Bsp F	23	23	51	29,5	45	40	-

Fittings: Male Reducer Nipple



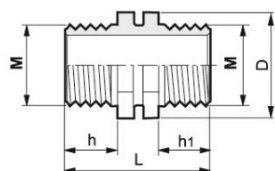
CODE	M	M1	H	H1	L	D	D1	GASKET
		mm	mm	mm	mm	mm	mm	
2402021	1/2 Bsp M	3/8 Bsp M						
2402032	3/4 Bsp M	1/2 Bsp M	22	18	52	40	32	G40002 (M)
2402042	1 Bsp M	1/2 Bsp M	22	18	52	45	32	G40004 (M)
2402043	1 Bsp M	3/4 Bsp M	22	22	56	45	40	G40004 (M)

Fittings: Reduction Nipple



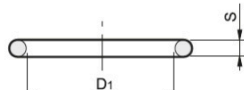
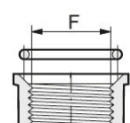
CODE	M	F	H	H1	L	D	D1	GASKET
		mm	mm	mm	mm	mm	mm	
2452043	1 Bsp M	3/4 Bsp F	22	23	51,5	45	40	G40004 (M)
2452053	1 1/4 Bsp M	3/4 Bsp F	22	23	53,5	56	40	G40005 (M)

Fittings: Symmetrical and Bulkhead Nipple



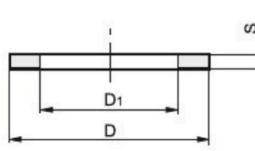
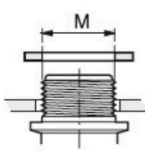
CODE	M	H	H1	L	D	GASKET
		mm	mm	mm	mm	
2502020	1/2 Bsp M	18	18	48	32	G40002
2502030	3/4 Bsp M	22	22	56	45	G40015
2502040	1 Bsp M	22	22	56	45	G40004
2502050	1 1/4 Bsp M	24	24	62	56	G40005

Fittings: O-Ring (EPDM)



CODE	F	D1	S
		mm	mm
G10041	1/2 Bsp F	20,2	2,6
G11058	3/4 Bsp F	25	2,6

Fittings: Flat Gasket (EPDM)



CODE	M	D	D1	S
		mm	mm	mm
G40002	1/2 Bsp M	33	21	2
G40004	1 Bsp M	45	33	3
G40005	1 1/4 Bsp M	60	40	4
G40006	1 1/2 Bsp M	67	47	3
G40015	M24 x 2 mm	39,5	27,5	2,5

Fittings: Straight Hosetails Brass



CODE	INLET	HOSE BARB	CODE	INLET	HOSE BARB
		inch			inch
FITH04104	1/4 Bsp M	1/4	FITH06108	3/8 Bsp M	1/2
FITH04106	1/4 Bsp M	3/8	FITH08108	1/2 Bsp M	1/2
FITH04108	1/4 Bsp M	1/2	FITH08112	1/2 Bsp M	3/4
FITH06104	3/8 Bsp M	1/4	FITH12108	3/4 Bsp M	1/2
FITH06106	3/8 Bsp M	3/8	FITH12112	3/4 Bsp M	3/4



High Pressure BSP Screw Joint



CODE	INLET	OUTLET	MATERIAL
FITS04104	1/4 Bsp M	1/4 Bsp M	Plated Steel
FITS06104	3/8 Bsp M	1/4 Bsp M	Plated Steel
FITS06106	3/8 Bsp M	3/8 Bsp M	Plated Steel
FITS08104	1/2 Bsp M	1/4 Bsp M	Plated Steel
FITS08106	1/2 Bsp M	3/8 Bsp M	Plated Steel
FITS08108	1/2 Bsp M	1/2 Bsp M	Plated Steel
FITS12108	3/4 Bsp M	1/2 Bsp M	Plated Steel
FITS12112	3/4 Bsp M	3/4 Bsp M	Plated Steel



High Pressure BSP Socket



CODE	SIZE inch	MATERIAL
FITS04304	1/4	Plated Steel
FITS06306	3/8	Plated Steel
FITS08308	1/2	Plated Steel
FITS12312	3/4	Plated Steel



High Pressure BSP M/F Swivel Screw Joint



CODE	INLET	OUTLET	MATERIAL
FITS06206	3/8 Bsp M	3/8 Bsp F	Plated Steel
FITS08208	1/2 Bsp M	1/2 Bsp F	Plated Steel



High Pressure BSP M/F Swivel Elbow



CODE	INLET	OUTLET	MATERIAL
FITE06006	3/8 Bsp M	3/8 Bsp F	Plated Steel
FITE08008	1/2 Bsp M	1/2 Bsp F	Plated Steel



High Pressure Reducer



CODE	INLET	OUTLET	MATERIAL
FITR08106	1/2 Bsp M	3/8 Bsp F	Plated Steel
FITR06104	3/8 Bsp M	1/4 Bsp F	Plated Steel



High Pressure Dowty Washer



CODE	SIZE inch
FITD00104	1/4
FITD00106	3/8
FITD00108	1/2
FITD00112	3/4



High Pressure BSP M/M Screw Joint



RATED PRESSURE 250 bar

CODE	INLET	OUTLET	MATERIAL
1200020311	1/4 Bsp M	1/4 Bsp M	Brass
1200020300	1/4 Bsp M	3/8 Bsp M	Brass
1200020228	3/8 Bsp M	3/8 Bsp M	Brass



High Pressure BSP M/F Reducer



RATED PRESSURE 250 bar

CODE	INLET	OUTLET	MATERIAL
1202030125	3/8 Bsp M	1/4 Bsp F	Brass
1202030137	1/2 Bsp M	1/4 Bsp F	Brass



High Pressure BSP F/F Elbow



RATED PRESSURE 350 bar

CODE	INLET	OUTLET	WEIGHT	MATERIAL
			g	
1204050119	3/8 Bsp F	3/8 Bsp F	113	Brass



High Pressure BSP F/M Elbow



RATED PRESSURE 350 bar

CODE	INLET	OUTLET	WEIGHT	MATERIAL
			g	
1204050110	1/4 Bsp F	1/4 Bsp M	80	Brass
1204050225	1/4 Bsp F	3/8 Bsp M	91	Brass
1204050127	3/8 Bsp F	3/8 Bsp M	91	Brass
1204050141	1/2 Bsp F	1/2 Bsp M	162	Brass



High Pressure BSP M/M Elbow



RATED PRESSURE 350 bar

CODE	INLET	OUTLET	WEIGHT	MATERIAL
			g	
1204050111	1/4 Bsp M	1/4 Bsp M	58	Brass
1204050126	3/8 Bsp M	1/4 Bsp M	65	Brass
1204050128	3/8 Bsp M	3/8 Bsp M	75	Brass
1204050140	1/2 Bsp M	3/8 Bsp M	84	Brass
1204050142	1/2 Bsp M	1/2 Bsp M	92	Brass



High Pressure BSP F/F/F Tee



RATED PRESSURE 350 bar

CODE	A	B	C	WEIGHT	MATERIAL
				^g	
1206060119	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	144	Brass
1206060133	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	260	Brass



High Pressure BSP F/F/M Tee



RATED PRESSURE 350 bar

CODE	A	B	C	WEIGHT	MATERIAL
				^g	
1206060107	1/4 Bsp F	1/4 Bsp F	1/4 Bsp M	118	Brass
1206060120	3/8 Bsp F	1/4 Bsp F	3/8 Bsp M	121	Brass
1206060220	3/8 Bsp F	3/8 Bsp F	3/8 Bsp M	125	Brass



High Pressure BSP F/M/F Tee

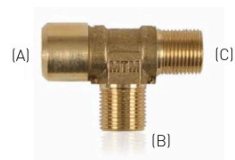


RATED PRESSURE 350 bar

CODE	A	B	C	WEIGHT	MATERIAL
				^g	
1206060319	3/8 Bsp F	3/8 Bsp M	3/8 Bsp F	126	Brass



High Pressure BSP F/M/M Tee

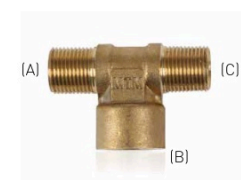


RATED PRESSURE 350 bar

CODE	A	B	C	WEIGHT	MATERIAL
				^g	
1206060108	1/4 Bsp F	3/8 Bsp M	3/8 Bsp M	104	Brass
1206060320	3/8 Bsp F	3/8 Bsp M	3/8 Bsp M	106	Brass



High Pressure BSP M/F/M Tee



RATED PRESSURE 350 bar

CODE	A	B	C	WEIGHT	MATERIAL
				^g	
1206060128	3/8 Bsp M	3/8 Bsp F	3/8 Bsp M	107	Brass



High Pressure BSP M/M/M Tee



RATED PRESSURE 350 bar

CODE	A	B	C	WEIGHT	MATERIAL
				^g	
1206060228	3/8 Bsp M	1/4 Bsp M	3/8 Bsp M	87	Brass
1206060328	3/8 Bsp M	3/8 Bsp M	3/8 Bsp M	91	Brass



High Pressure BSP 90° Elbow



RATED PRESSURE 600 bar

CODE	INLET	OUTLET	WEIGHT ^g	MATERIAL
12.3000.55	3/8 Bsp F	3/8 Bsp F	144	Stainless Steel 303
12.3001.55	1/2 Bsp F	1/2 Bsp F	237	Stainless Steel 303



High Pressure BSP Tee



RATED PRESSURE 600 bar

CODE	COUPLINGS	WEIGHT ^g	MATERIAL
12.3050.55	3/8 Bsp F	208	Stainless Steel 303
12.3051.55	1/2 Bsp F	334	Stainless Steel 303



High Pressure BSP Coupling Nipple



(A)



(B)



(C)

RATED PRESSURE 600 bar

CODE	INLET	OUTLET	WEIGHT ^g	MATERIAL
13.5050.51 (A)	1/4 Bsp M	1/4 Bsp M	34	Stainless Steel 303
13.5051.51 (A)	3/8 Bsp M	3/8 Bsp M	52	Stainless Steel 303
13.5052.51 (A)	1/2 Bsp M	1/2 Bsp M	88	Stainless Steel 303
13.5061.51 (B)	3/8 Bsp M	1/2 Bsp M	78	Stainless Steel 303
13.5070.51 (C)	1/4 Bsp F	3/8 Bsp M	55	Stainless Steel 303



Lock Tight & Thread Tape



CODE	SIZE ^{ml}	DESCRIPTION
1017.1001.00	250	Lock Tight - Medium Duty
1017.0001.00	250	Lock Tight - Heavy Duty
1016.0001.00	-	Thread Tape



Double Straight Fitting



CODE	SIZE mm	MATERIAL
1N0000H121200A	12 x 12	Brass
1N0000H151500A	15 x 15	Brass
1N0000H222200A	22 x 22	Brass



Male Straight Fitting



CODE	SIZE	MATERIAL
1N0001H031500A	3/8" x 15	Brass
1N0001H041500A	1/2" x 15	Brass
1N0001H042200A	1/2" x 22	Brass
1N0001H052200A	3/4" x 22	Brass



Female Straight Fitting



CODE	SIZE	MATERIAL
1N0002H031500A	3/8" x 15	Brass
1N0002H041500A	1/2" x 15	Brass
1N0002H042200A	1/2" x 22	Brass
1N0002H052200A	3/4" x 22	Brass



Reduced Straight Fitting



CODE	SIZE mm	MATERIAL
1N0003H151200A	15 x 12	Brass
1N0003H221500A	22 x 15	Brass



Side Female Tee



CODE	SIZE	MATERIAL
1N0008H041515A	1/2" x 15 x 15	Brass



Tee Elbow



CODE	SIZE mm	MATERIAL
1N0009H151515A	15 x 15 x 15	Brass



Female Tee



CODE	SIZE	MATERIAL
1N0012H150315A	15 x 3/8" x 15	Brass
1N0012H150415A	15 x 1/2" x 15	Brass
1N0012H220522A	22 x 3/4" x 22	Brass



Tee



CODE	SIZE	MATERIAL
	mm	
1N0010H151515A	15 x 15 x 15	Brass
1N0010H222222A	22 x 22 x 22	Brass



Side Male Tee



CODE	SIZE	MATERIAL
1N0017H041515A	1/2" x 15 x 15	Brass



Double Elbow



CODE	SIZE	MATERIAL
	mm	
1N0020H151500A	15 x 15	Brass
1N0020H222200A	22 x 22	Brass



Male Elbow



CODE	SIZE	MATERIAL
1N0021H041500A	1/2" x 15	Brass
1N0021H052200A	3/4" x 22	Brass
1N0021H102200A	1" x 22	Brass



Female Elbow



CODE	SIZE	MATERIAL
1N0022H041200A	1/2" x 15	Brass
1N0022H052200A	3/4" x 22	Brass
1N0022H102200A	1" x 22	Brass



Wallplate Elbow 3 Holes



CODE	SIZE	MATERIAL
1N0023H052200A	3/4" x 22	Brass



Male Cap



CODE	SIZE	MATERIAL
	mm	
1N0040H150000A	15	Brass



Cross



CODE	SIZE	MATERIAL
	mm	
1N0036H150000A	15 x 15 x 15	Brass



Compression Ring



CODE	SIZE	MATERIAL
	mm	
1N0081R150000H	15	Brass
1N0081R220000H	22	Brass



Nut



CODE	SIZE	MATERIAL
	mm	
1N0070H1500A0A	15	Brass
1N0070H2200A0A	22	Brass



Backnut



CODE	SIZE	MATERIAL
	"	
2600D7H040000H	1/2"	Brass
2600D7H050000H	3/4"	Brass
2600D7H100000H	1"	Brass
2600D7H200000H	2"	Brass



Double Straight Fitting



CODE	SIZE	MATERIAL
	"	
260000H030300H	3/8"	Brass
260000H040400H	1/2"	Brass
260000H050500H	3/4"	Brass
260000H101000H	1"	Brass



Reduced Straight Fitting



CODE	SIZE	MATERIAL
	"	
260003H040300H	1/2" x 3/8"	Brass
260003H050300H	3/4" x 3/8"	Brass
260003H050400H	3/4" x 1/2"	Brass
260003H100400H	1" x 1/2"	Brass
260003H100500H	1" x 3/4"	Brass



Male Cape with Square



CODE	SIZE	MATERIAL
	"	
2600F4H030000H	3/8"	Brass
2600F4H040000A	1/2"	Brass
2600F4H050000A	3/4"	Brass



M/F Reducer



CODE	SIZE	MATERIAL
260044H040300H	1/2" x 3/8"	Brass
260044H050200H	3/4" x 1/4"	Brass
260044H050300H	3/4" x 3/8"	Brass
260044H050400H	3/4" x 1/2"	Brass
260044H100200H	1" x 1/4"	Brass
260044H100300H	1" x 3/8"	Brass
260044H100400H	1" x 1/2"	Brass
260044H100500H	1" x 3/4"	Brass



Socket



CODE	SIZE	MATERIAL
260046H030300A	3/8"	Brass
260046H040400A	1/2"	Brass
260046H050500A	3/4"	Brass
260046H101000A	1"	Brass



Reducing Socket



CODE	SIZE	MATERIAL
260047H040300A	1/2" x 3/8"	Brass
260047H050400A	3/4" x 1/2"	Brass
260047H100300A	1" x 3/8"	Brass
260047H100400A	1" x 1/2"	Brass
260047H100500A	1" x 3/4"	Brass



Female Tee



CODE	SIZE	MATERIAL
270014H030303A	3/8"	Brass
270014H040404A	1/2"	Brass
270014H050505A	3/4"	Brass
270014H101010A	1"	Brass



FFM Tee



CODE	SIZE	MATERIAL
270017H040404A	1/2" x 1/2"	Brass
270017H050505A	3/4" x 3/4"	Brass



M/M Elbow



CODE	SIZE	MATERIAL
270020H040400A	1/2" x 1/2"	Brass
270020H050500A	3/4" x 3/4"	Brass
270020H101000A	1" x 1"	Brass



F/F Elbow



CODE	SIZE	MATERIAL
270025H020200A	1/4"	Brass
270025H030300A	3/8"	Brass
270025H040400A	1/2"	Brass
270025H050500A	3/4"	Brass
270025H101000A	1"	Brass



M/F Elbow



CODE	SIZE	MATERIAL
2700F8H030300A	3/8"	Brass
2700F8H040400A	1/2"	Brass
2700F8H050500A	3/4"	Brass
2700F8H101000A	1"	Brass



Female Cross



CODE	SIZE	MATERIAL
270036H040000A	1/2"	Brass
270036H050000A	3/4"	Brass
270036H100000A	1"	Brass



45 Degree M/F Elbow



CODE	SIZE	MATERIAL
2700E2H040400H	1/2"	Brass
2700E2H050500H	3/4"	Brass
2700E2H101000H	1"	Brass



45 Degree F/F Elbow



CODE	SIZE	MATERIAL
2700K4H040400H	1/2"	Brass
2700K4H050500H	3/4"	Brass
2700K4H101000H	1"	Brass



F/F Ball Valve with Steel Lever



CODE	SIZE	MATERIAL
7S00L1N040400A	1/2"	Nickel Plated Brass
7S00L1N050500A	3/4"	Nickel Plated Brass
7S00L1N101000A	1"	Nickel Plated Brass



M/F Ball Valve with Steel Lever



CODE	SIZE	MATERIAL
7S00L2N040400A	1/2"	Nickel Plated Brass
7S00L2N050500A	3/4"	Nickel Plated Brass
7S00L2N101000A	1"	Nickel Plated Brass



F/F Ball Valve with Butterfly



CODE	SIZE	MATERIAL
7S00M1N040400A	1/2"	Nickel Plated Brass
7S00M1N050500A	3/4"	Nickel Plated Brass
7S00M1N101000A	1"	Nickel Plated Brass



M/F Ball Valve with Butterfly



CODE	SIZE	MATERIAL
7S00M2N040400A	1/2"	Nickel Plated Brass
7S00M2N050500A	3/4"	Nickel Plated Brass
7S00M2N101000A	1"	Nickel Plated Brass



Standard Garden Tap



CODE	SIZE	MATERIAL
710074N05000LA	3/4"	Nickel Plated Brass



F/F Universal Check Valve Brass Shutter



CODE	SIZE	MATERIAL
7Y00J7H040400A	1/2"	Brass
7Y00J7H050500A	3/4"	Brass
7Y00J7H101000A	1"	Brass



Brass Y Pattern Filter



CODE	SIZE	MATERIAL
7Y00J8H04040BH	1/2"	Brass
7Y00J8H05050BH	3/4"	Brass
7Y00J8H10100BH	1"	Brass



Copper Tube



CODE	OUTSIDE DIAMETER mm	MATERIAL
TUBC10015	15	Copper
TUBC10022	22	Copper



Seamed Stainless Steel Hydraulic Tube



CODE	PRESSURE bar	OUTSIDE DIAMETER mm	WALL THICKNESS mm
TUBE15010S	200	15	1,0



Ferrel



CODE	DESCRIPTION	CONNECTION	MATERIAL
TTTF15001	Ferrel	15L	Plated Steel



Nut



CODE	DESCRIPTION	CONNECTION	MATERIAL
TTTN15001	Nut	15L	Plated Steel



Tube to Tube Coupling



CODE	DESCRIPTION	CONNECTION	MATERIAL
TTTF15015	Tube to Tube Coupling	15L	Plated Steel



Tube to Tube Elbow



CODE	DESCRIPTION	CONNECTION	MATERIAL
TTTF15915	Tube to Tube Elbow	15L	Plated Steel



Tube to Tube Tee



CODE	DESCRIPTION	CONNECTION	MATERIAL
TTTF15315	Tube to Tube Tee	15L	Plated Steel



Tube to BSP Couplings



CODE	DESCRIPTION	CONNECTION	MATERIAL
TTTF15008	Tube to Female	15L - 1/2" BSP	Plated Steel
TTTM15006	Tube to Male	15L - 3/8" BSP	Plated Steel
TTTM15008	Tube to Male	15L - 1/2" BSP	Plated Steel



NOTES

R1 Black High Pressure Hose



REINFORCEMENT 1 wire
RATED TEMPERATURE 135 °C



CODE	HOSE SIZE inch	FITTINGS	CUFFS	PRESSURE bar	BEND RADIUS mm	WEIGHT g/m	LENGTH m
H1FF00004-05C	5/16	3/8 F x 3/8 F	1 x Black	250	115	260	4
H1FF00008-05C	5/16	3/8 F x 3/8 F	2 x Black	250	115	260	8
H1FF00010-05C	5/16	3/8 F x 3/8 F	2 x Black	250	115	260	10
H1FF00020-05C	5/16	3/8 F x 3/8 F	2 x Black	250	115	260	20
H1FM90070-06	3/8	1/2 F 90 x 3/8 M	-	180	130	320	70
H1FF90050-08	1/2	1/2 F 90 x 1/2 F	-	160	180	400	50
H1FM90060-08	1/2	1/2 F 90 x 1/2 M	-	160	180	400	60
H1FF00010-06C	3/8	3/8 F x 3/8 F	2 x Black	315	120	330	10
H1FF00020-06C	3/8	3/8 F x 3/8 F	2 x Black	315	120	330	20

R2 Black High Pressure Hose



REINFORCEMENT 2 wire
RATED TEMPERATURE 135 °C



CODE	HOSE SIZE inch	FITTINGS	CUFFS	PRESSURE bar	BEND RADIUS mm	WEIGHT g/m	LENGTH m
H2FF00010-06C	3/8	3/8 F x 3/8 F	2 x Black	400	130	540	10
H2MM00010-06C	3/8	3/8 M x 3/8 M	2 x Black	400	130	540	10
H2FF00020-06C	3/8	3/8 F x 3/8 F	2 x Black	400	130	540	20
H2FF00010-08C	1/2	1/2 F x 1/2 F	2 x Black	275	180	620	10

R2 High Pressure Hose - 500 Bar



REINFORCEMENT 2 wire
RATED TEMPERATURE 135 °C



CODE	HOSE SIZE inch	FITTINGS	CUFFS	PRESSURE bar	BEND RADIUS mm	WEIGHT g/m	LENGTH m
H2FF50010-06C	3/8	3/8 F x 3/8 F	2 x Black	500	65	410	10
H2FF50020-06C	3/8	3/8 F x 3/8 F	2 x Black	500	65	410	20

Hose Accessories: Spiral Wrap



CODE	DESCRIPTION
FITS02001	19mm Black Spiral Wrap - Protects hose from damage caused by dragging and friction.

R1 Blue High Pressure Hose



REINFORCEMENT 1 wire
RATED TEMPERATURE 135 °C



CODE	HOSE SIZE inch	FITTINGS	CUFFS	PRESSURE bar	BEND RADIUS mm	WEIGHT g/m	LENGTH m
H1FF00050-06B	3/8	3/8 F x 3/8 F	-	200	130	340	50
H1FF00100-06B	3/8	3/8 F x 3/8 F	-	200	130	340	100
H1FF00150-06B	3/8	3/8 F x 3/8 F	-	200	130	340	150

R1 Blue High Pressure Hose



REINFORCEMENT 1 wire
RATED TEMPERATURE 100 °C



CODE	HOSE SIZE inch	FITTINGS*	CUFFS	PRESSURE bar	BEND RADIUS mm	WEIGHT g/m	LENGTH m
H1FF00010-06BSC	3/8	3/8 F x 3/8 F	2 x Blue	200	130	340	10

*Stainless Steel Fittings

Thermoplastic High-Pressure Hose



REINFORCEMENT Wire Braid Polyester Textile
RATED TEMPERATURE 100 °C



CODE	HOSE SIZE inch	FITTINGS	CUFFS	PRESSURE bar	BEND RADIUS mm	WEIGHT g/m	LENGTH m
H7FM00050-04	1/4	3/8 F X 1/4 M	-	200	35	90	50

PVC Clear Re-Inforced Hose



CODE	HOSE SIZE inch
HOSE03000-04	1/4
HOSE03000-08	1/2
HOSE03000-12	3/4
HOSE03000-16	1



Single Rotating Ceiling Boom (Plated Steel)



RATED PRESSURE	210	bar
RATED FLOW	40	l/min
RATED TEMPERATURE	100	°C
ANGLE OF ROTATION	360	°



CODE	INLET	OUTLET	WEIGHT	LENGTH
			g	mm
1020.0014.00	1/4 Bsp F	1/4 Bsp M	8 800	1 650

Single Rotating Ceiling Boom (Plated Steel)

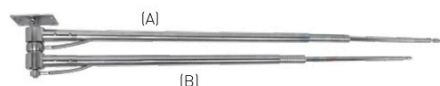


RATED PRESSURE	250	bar
RATED FLOW	45	l/min
RATED TEMPERATURE	160	°C
ANGLE OF ROTATION	360	°



CODE	INLET	OUTLET	WEIGHT	LENGTH
			g	mm
4150200005	1/4 Bsp F	3/8 Bsp M - Swivel	9 400	1 610

Double Ceiling Boom (Stainless Steel)



RATED PRESSURE	210	bar
RATED FLOW	40	l/min
RATED TEMPERATURE	100	°C
ANGLE OF ROTATION	360	°

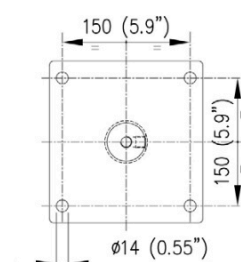


CODE	INLET	OUTLET	WEIGHT	LENGTH (A)	LENGTH (B)
			g	mm	mm
1020.0022.00	1/4 F	1/4 M	12 000	1 750	1 650

Swing Boom Mounting Plates



CODE	DESCRIPTION
MSBB01001	Swing Boom Mounting Plate
MSBB01002	Swing Boom L Bracket
MSBB01003	Swing Boom Spacer Bracket



NOTES

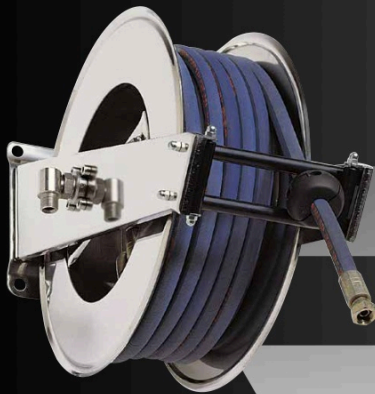


RETRACTABLE HOSE REELS

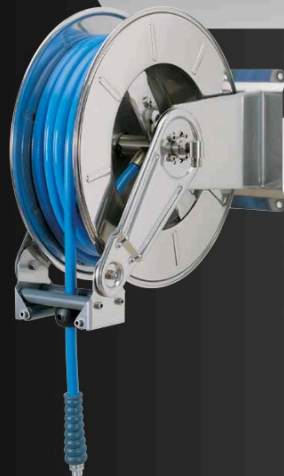
WHY RETRACTABLE HOSE REELS?

A retractable reel is ideal for busy production areas, as it allows hoses to be stored quickly and efficiently, reducing the risk of costly accidents.

SAFETY BREAK SYSTEM



CONTROL
of retraction speed



PROTECTION
from damage or injury

HIGHLIGHTS

- 01 The retractable hose reel range is specially equipped with a safety brake system to control the speed of retraction, reducing the risk of workplace accidents.
- 02 Hose reels with a brake system reduce hose wear, prolonging its lifespan and mitigating equipment damage.

HOSE REELS & FOAMERS

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Ramex: A Story of Innovation and Tradition

Ramex was founded in 1994 in Albinea, Italy, but its story begins decades earlier. In the late 1960s, Alfredo Ruozi, father of Franco and Leonardo, was working in his small turning workshop. He dreamed of one day building a company where his sons could work, grow, and thrive. That dream became a reality when the first company of the Ruozi group, Flexbimec, was established.



In 1974, Franco and Leonardo took over the family business. Twenty years later, they acquired a company specialising in stainless steel tools for the butchery and food industries. Originally named Ramec, the brothers renamed it Ramex, marking the beginning of a new chapter.

But what would Ramex become? The Ruozi brothers had a vision. Their home region, Emilia Romagna, is the heart of Parmigiano Reggiano production. They knew that the dairies producing this iconic cheese required constant cleaning, but the existing systems were inefficient and unsafe. Hoses lay scattered on the floor, posing risks to both workers and equipment.

The solution? Hose reels. Ramex began producing hose reels to organise and secure hoses, improving safety and efficiency. Today, 25 years later, hose reels remain the core product of Ramex and the reason the company is recognised worldwide.

Mission

Ramex designs and manufactures innovative, high-performance accessories using durable materials and components of exceptional quality.

Vision

To create tools that support, optimise, and simplify daily work, transforming human effort into performance rather than exertion.

Strength

Every Ramex hose reel and product is engineered, developed, and built to withstand the test of time, ensuring they remain a reliable support for daily work.

Multipurpose

Ramex offers a comprehensive range of hose reels and accessories designed to meet diverse applications across industries.

Liveliness

Innovation and continuous improvement are at the heart of Ramex. The company's teams and sales network bring together experience, creativity, technical expertise, and curiosity. Ramex embodies a fresh, innovative, and responsive spirit, with a customer-friendly approach and a global outlook. The Ramex hose reel is a symbol of this identity.

Global Leadership

Ramex is a world-leading supplier and developer of accessories and solutions for cleaning, tooling, and fluid displacement across various industries.



AVM9002 High Pressure Manual Hose Reel



HOSE LENGTH IN METRES:	Up to 20mt 1/2"
WORKING PRESSURE:	200 bar-available @ 400 bar on request
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" F
WEIGHT:	10kg
MATERIAL AVM9002:	Stainless Steel
SWIVEL JOINT:	4962 - 1/2" Bsp M



Excludes high-pressure hose.

AVM9610 High Pressure Manual Hose Reel



HOSE LENGTH IN METRES:	Up to 35mt 1/2"
WORKING PRESSURE:	200 bar-available @ 400 bar on request
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" F
WEIGHT:	12kg
MATERIAL AVM9610:	Stainless Steel
SWIVEL JOINT:	4962 - 1/2" Bsp M



Excludes high-pressure hose.

AVM9813FE High Pressure Manual Hose Reel



HOSE LENGTH IN METRES:	Up to 50mt 1/2"
WORKING PRESSURE:	200 bar-available @ 400 bar on request
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" F
WEIGHT:	10,5kg
MATERIAL AVM9813FE:	Powder Coated Steel
SWIVEL JOINT:	4961 - 1/2" Bsp M



Excludes high-pressure hose.

AVM9320 Low Pressure Manual Hose Reel



HOSE LENGTH IN METRES:	Up to 20mt 3/4"
WORKING PRESSURE:	20 bar
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1" M
OUTLET THREAD SIZE:	3/4" M
WEIGHT:	12kg
MATERIAL AVM9320:	Stainless Steel
SWIVEL JOINT:	4971 - 1/2" Bsp M



Excludes high-pressure hose.

AVM9720 Low Pressure Manual Hose Reel

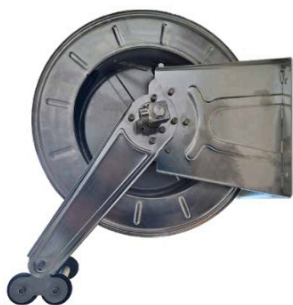


HOSE LENGTH IN METRES:	Up to 35mt 3/4"
WORKING PRESSURE:	20 bar
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1" M
OUTLET THREAD SIZE:	3/4" M
WEIGHT:	13kg
MATERIAL AVM9720:	Stainless Steel
SWIVEL JOINT:	4971 - 1/2" Bsp M



Excludes high-pressure hose.

1009.0120.00 High Pressure Retractable Hose Reel



HOSE LENGTH IN METRES:	Up to 20mt 1/2"
MAX WORKING PRESSURE:	400 bar
MAX WORKING TEMPERATURE:	100°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" F
WEIGHT:	17kg
MATERIAL:	Stainless Steel
INCLUDED:	3/8" Hose Bumper & Nipple 1/2"
SWIVEL JOINT:	1009.0120.10 - Stainless Steel Swivel 1/2"M



Excludes high-pressure hose.

AV2000 / AV2000FE High Pressure Retractable Hose Reel



HOSE LENGTH IN METRES:	Up to 20mt 1/2"
MAX WORKING PRESSURE:	200 bar (400 bar on request)
MAX WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" F
WEIGHT:	17kg
MATERIAL AV2000:	Stainless Steel
MATERIAL AV2000FE:	Powder Coated Steel
INCLUDED:	3/8" Hose Bumper & Nipple 1/2"
SWIVEL JOINT:	4962 - 1/2" Bsp M (AV2000) 4961 - 1/2" Bsp M (AV2000FE)



Excludes high-pressure hose.

Optional Accessory: ST20 - Stainless Steel Wall Swivel Bracket.
ST20FE - Powder Coated Wall Swivel Bracket.



AV3500 / AV3500FE High Pressure Retractable Hose Reel



HOSE LENGTH IN METRES:	Up to 35mt 1/2"
WORKING PRESSURE:	200 bar (400 bar on request)
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" F
WEIGHT:	28kg
MATERIAL AV3500:	Stainless Steel
MATERIAL AV3500FE:	Powder Coated Steel
INCLUDED:	3/8" Hose Bumper & Nipple 1/2"
SWIVEL JOINT:	4962 - 1/2" Bsp M (AV3500) 4961 - 1/2" Bsp M (AV3500FE)



Excludes high-pressure hose.

Optional Accessory: ST30 - Stainless Steel Wall Swivel Bracket.
ST30FE - Powder Coated Wall Swivel Bracket.



AV1300 Low Pressure Retractable Hose Reel



HOSE LENGTH IN METRES:	Up to 18mt 3/4"
WORKING PRESSURE:	20 bar
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1" M
OUTLET THREAD SIZE:	3/4" M
WEIGHT:	22kg
MATERIAL AV1300:	Stainless Steel
INCLUDED:	Hose Bumper 3/4"
SWIVEL JOINT:	4971 - 1/2" Bsp M



Excludes high-pressure hose.

Optional Accessory: ST22 - Stainless Steel Wall Swivel Bracket.



AV3502 Low Pressure Retractable Hose Reel



HOSE LENGTH IN METRES:	Up to 25mt 3/4"
WORKING PRESSURE:	20 bar
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1" M
OUTLET THREAD SIZE:	3/4" M
WEIGHT:	28kg
MATERIAL AV3502:	Stainless Steel
INCLUDED:	Hose Bumper 3/4"
SWIVEL JOINT:	4971 - 1/2" Bsp M



Excludes high-pressure hose.

Optional Accessory: ST30 - Stainless Steel Wall Swivel Bracket.



90° Swivel Joint for CEMSA Hose Reels



RATED FLOW	40	l/min
RATED TEMPERATURE	90	°C



CODE	CONNECTION	WEIGHT g	MAX PRESSURE bar	MATERIAL	REPAIR KIT
1009.0120.10	1/2 Bsp M - 3/8 F	266g	400	Stainless Steel	1009.0001.00

90° Swivel Joint for Ramex Hose Reels



RATED FLOW	40	l/min
RATED TEMPERATURE	90	°C



CODE	CONNECTION	WEIGHT g	MAX PRESSURE bar	MATERIAL	REPAIR KIT
4962-400	1/2 Bsp M - M	250	400	Stainless Steel	KIT 400
4961	1/2 Bsp M - M	250	200	Galvanised	KIT 10
4962	1/2 Bsp M - M	250	200	Stainless Steel	KIT 10 NEW
4971	1 Bsp M - M	250	100	Stainless Steel	KIT20 NEW

AVM5000FE High Pressure Manual Hose Reel



HOSE LENGTH IN METRES:	Up to 70mt 1/2"
WORKING PRESSURE:	350 bar
WORKING TEMPERATURE:	90°C
INLET THREAD SIZE:	1/2" M
OUTLET THREAD SIZE:	1/2" M
WEIGHT:	35,5kg
MATERIAL:	Powder Coated Steel
SWIVEL JOINT:	26.1330.00 - 1/2" Bsp M/F



Excludes high-pressure hose.

90° Swivel Joint



RATED PRESSURE	600	bar
RATED FLOW	80	l/min
RATED TEMPERATURE	90	°C



CODE	INLET	OUTLET	WEIGHT g
26.1330.00	1/2 Bsp M	1/2 Bsp F	636

High Pressure Hose Reel (Plastic)



RATED PRESSURE 250 bar
HOSE Ø 3/8 inch
RATED TEMPERATURE 150 °C



CODE	INLET	SWIVEL MATERIAL	WEIGHT	HOSE LENGTH	REPAIR KIT
			g	m	
4131800014	3/8 Bsp M	Brass	4500	20	4139900073
4131800015	3/8 Bsp M	Brass	5000	40	4139900073

High Pressure Hose Reel (Aluminium)



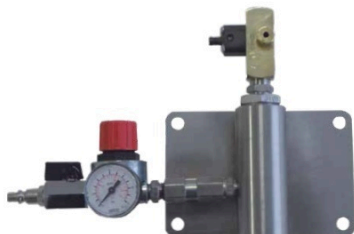
RATED TEMPERATURE 150 °C



CODE	INLET	SWIVEL MATERIAL	WEIGHT	PRESSURE	HOSE Ø	HOSE LENGTH	REPAIR KIT
			g	bar	mm	m	
4131800003	3/8 Bsp M	Brass	13 000	300	15,0 16,8 17,8 19,5	100 80 75 58	4139900073 4101000007*
4131800004	1/2 Bsp M	Brass	13 000	200	15,0 16,8 17,8 19,5	100 80 75 58	4019900080 4101000008*
4131800017	1/2 Bsp M	Brass	12 500	200	17,0 19,0 20,0 21,0	110 90 80 72	4019900080 4101000008*
4131800016	3/8 Bsp M	Brass	14 500	300	15,0 16,8 17,8 19,5	130 100 95 75	4139900073 4101000007*

*Swivel Kit

7610 Wall-Mounted Foamer



HOSE LENGTH IN METRES: Up to 15mt 1/2"*
MAX WORKING TEMPERATURE: 50°C
MAXIMUM INLET WATER PRESSURE: 10 bar
WEIGHT: 2 kg
MATERIAL: S-Steel / Brass Injector / S-Steel Nozzle
INCLUDED: Metreing tips



*Foam Hose not included

AFS07020 Wall-Mounted Foamer



Dual Chemical
Available

HOSE LENGTH IN METRES: Up to 15mt 3/4"*
MAX WORKING TEMPERATURE: 50°C
MAXIMUM INLET WATER PRESSURE: 6 bar
WEIGHT: 4,3 kg
MATERIAL AFS07020: Material Plastic/Brass/S-Steel
INCLUDED: Metreing tips



Dual chemical option available on request.
Is necessary to provide 100 litres/min @ 3-6 bar of air.
This unit is not suitable for use with a hose reel.
Excludes hose, ball valve and lance.

*Foam Hose not included

Low Pressure Injector for Water Line



RATED PRESSURE 6 bar
RATED TEMPERATURE 50 °C



CODE	CONNECTION	HOSE LENGTH	WEIGHT	CHEMICAL SUCTION
		mm	g	
7020	1/2 Bsp M	1000	335	Single Suction
7020-1	1/2 Bsp M	1000	335	Double Suction

Ball-Type Quick Coupling (Stainless Steel)



26.2500.10
26.2500.30
26.2500.40



26.2520.10
26.2520.30
26.2520.40

RATED PRESSURE 250 bar
RATED FLOW 50 l/min
RATED TEMPERATURE 90 °C



CODE	DESCRIPTION
26.2500.10	Ball-type quick coupling - 3/8" Bsp F
26.2500.30	Ball-type quick coupling - 1/2" Bsp F
26.2500.40	Ball-type quick coupling - 1/2" Bsp M
26.2520.10	Ball-type quick coupling nipple - 3/8" Bsp F
26.2520.30	Ball-type quick coupling nipple - 1/2" Bsp F
26.2520.40	Ball-type quick coupling nipple - 1/2" Bsp M

Valves - Rubber Protected Ball Valve (Stainless Steel)

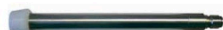


RATED PRESSURE 60 bar
RATED TEMPERATURE 95 °C



CODE	INLET	OUTLET	WEIGHT
			g
4801	1/2 Bsp F	1/2 Bsp F	468

Lance with Foam Nozzle (Stainless Steel)



RATED PRESSURE 20 bar
RATED FLOW 200 l/min
RATED TEMPERATURE 50 °C



CODE	WEIGHT	Ø PLUG	SPRAY ANGLE	LENGTH
	g	inch	degrees	mm
7431	70	1/2	50°	500

Complete Foam Nozzle (Stainless Steel)



RATED PRESSURE 20 bar
RATED FLOW 200 l/min
RATED TEMPERATURE 50 °C



CODE	WEIGHT	Ø PLUG	SPRAY ANGLE
	g	inch	degrees
4802	120	1/2	50°

Complete Foam Nozzle (Stainless Steel)



RATED PRESSURE 20 bar
RATED FLOW 30 l/min
RATED TEMPERATURE 50 °C



CODE	WEIGHT	Ø PLUG	SPRAY ANGLE
	g	inch	degrees
4803	70	1/2	25°

Wall Mounting Hose Bracket



CODE	DESCRIPTION	WEIGHT
		g
7200	Wall Mounting AISI 304 Stainless Steel Hose Bracket	1310



1014.0004.00 Stainless Steel Pot Foamer c/w Pol Hose & Lance



WEIGHT:	16kg
CAPACITY:	50 litres
WORKING PRESSURE:	15 bar
MAXIMUM AIR INLET PRESSURE:	5 bar
TANK MATERIAL:	Stainless Steel
INCLUDED:	Spray Gun & Lance (600mm) + PVC Hose (10m)



Ideal for abattoirs and food-processing applications, where air supply is not closely available.

Foaming Lance for 1014.0004.00



RATED PRESSURE	25	bar
RATED FLOW	70	l/min
RATED TEMPERATURE	50	°C



CODE	CONNECTION	WEIGHT
		g
1014.0012.00	1/4 Bsp M	388

Hose for 1014.0004.00



RATED PRESSURE	25	bar
RATED FLOW	70	l/min
RATED TEMPERATURE	50	°C



CODE	LENGTH	WEIGHT
	m	g
1014.0015.00	10	1600

ART1645 Stainless Steel Pot Foamer



WEIGHT:	16kg
CAPACITY:	36 litres
WORKING PRESSURE:	4 bar
MAXIMUM AIR INLET PRESSURE:	5 bar
TANK MATERIAL:	AISI 304
INCLUDED:	Lance 7070 + 10 mt PU hose



Ideal for abattoirs and food-processing applications, where air supply is not closely available.

Foaming Lance for ART1645



RATED PRESSURE	25	bar
RATED FLOW	70	l/min
RATED TEMPERATURE	50	°C



CODE	CONNECTION	WEIGHT
		g
7070	1/2 Bsp F	315

Hose for ART1645

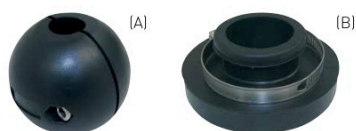


RATED PRESSURE	25	bar
RATED FLOW	70	l/min
RATED TEMPERATURE	50	°C



CODE	LENGTH	WEIGHT
	m	g
KIT PU	10	1000

Hose Bumper for Retractable Hose Reels



CODE	DESCRIPTION	WEIGHT g
4943 (A)	3/8" Hose bumper - hole 17mm	53
4940 (B)	1" Hose bumper - hole 34mm	95



RB65 Low Pressure Gun

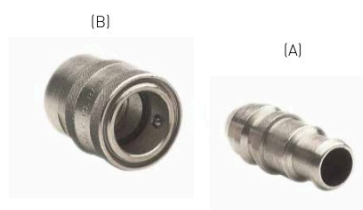


RATED PRESSURE	24	bar
RATED FLOW	60	l/min
RATED TEMPERATURE	90	°C



CODE	INLET	WEIGHT g	REPAIR KIT
30.6425.00	1/2 Bsp F - with Swivel	1060	30.6423.24

Quick Coupling - Ball Type Coupler for Water Suction



RATED PRESSURE	10	bar
RATED FLOW	24	l/min
RATED TEMPERATURE	90	°C



CODE	CONNECTION	WEIGHT g	Ø PLUG mm
28.0250.00 (B)	1/2 Bsp M	157	22
28.0250.30 (B)	3/4 Bsp M	120	22
28.0250.40 (B)	3/4 Bsp F	162	22
28.0255.31 (A)	17-19mm Hose Barb	66	22

PVC Clear Re-Inforced Hose



CODE	HOSE SIZE inch
HOSE03000-04	1/4
HOSE03000-12	3/4



Water Hose



CODE	HOSE SIZE inch	INSIDE DIAMETRE mm	PRESSURE bar
HOSE01000-08	1/2	12,7	17
HOSE02000-12	3/4	19,7	17



