



FERNORTE

FERRETERIA PARA MECANICOS

DESDE 2003

EQUIPOS DE LUBRICACIÓN
Y ENGRASE



 **GROZ**

Herramientas para cada necesidad imaginable...

www.fernorte.cl

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FERNORTE

, somos una compañía de casa matriz en Antofagasta, dedicada al rubro de ferretería industrial orientada a mecánicos, especialistas en torque controlado para uniones apernadas.

Estamos en el mercado desde el año 2003 y hemos trabajado arduamente para conformar y mantener una red de proveedores que nos permita contar con una gran variedad de productos certificados de alta calidad.

Tenemos la experiencia y nos avalan 18 años trabajando. Somos importadores y nuestra calidad y precios son altamente competitivos.

Actualmente contamos con maquinas y herramientas en las diferentes tecnologías disponibles, hidráulica, neumática, eléctrica, batería y manuales.

Somos representantes y distribuidores de marcas con reconocimiento mundial como Milwaukee, Chicago Pneumatic, Toptul, Telwin, Mitutoyo, Karcher además de un amplio grupo de distribuidores locales.

Somos proveedores de muchas empresas Contratistas de la región, como también de compañías mineras, metalmecánicas y termoeléctricas, donde abarcamos distintos rubros ofreciendo soluciones y materiales para todos nuestros clientes.

Contacta con nosotros y solicita los elementos que necesitas, donde te brindaremos una atención personalizada y práctica según tu necesidad, a un buen precio y con una gran variedad de productos de alta calidad.

Saludos cordiales

Roberto Ahumada Miranda
Gerente General

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TOPTUL
THE MARK OF PROFESSIONAL TOOLS

GROZ

VÖLKEL
THREADING SOLUTIONS

Ronix
Premium Quality

TELWIN

Milwaukee

Chicago Pneumatic

InnoTorc

RobertTools

BOMBA ENGRASE NEUMÁTICA 50:1 PARA TAMBOR 180 KG

GP3/ST/501/N GP3/501/N



World-class Industrial High Pressure Grease pumps with guaranteed performance & hassle free operation.

Pump dispenses grease at pressures upto 50 times the air inlet pressure.

Designed to work in tough conditions - these are ideal for use in Industry, Workshop, Farm, Construction or as part of the Mobile Grease System.

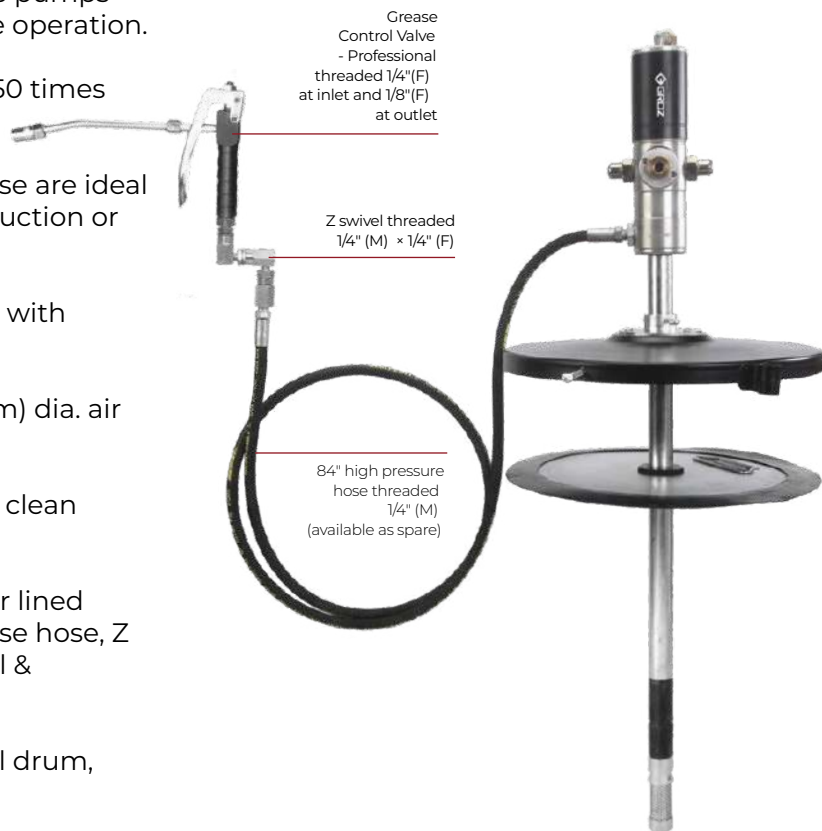
All metal construction, fully CNC machined with hardened wear resistant moving parts.

Reciprocating piston operated 2-1/2" (63 mm) dia. air motor

Fitted with strainer at suction tube inlet for clean grease to the bearing

Supplied complete with drum cover, rubber lined follower plate, 7' (84") of high pressure grease hose, Z swivel & high pressure grease hose, Z swivel & professional grease control valve.

Portable version available with built-in steel drum, complete with wheels & pull handle.



SPECIFICATIONS

WORKING PRESSURE	30 to 150 PSI (2-10 BAR)
MAXIMUM AIR PRESSURE	150 PSI (10 BAR)
MAXIMUM OUTLET PRESSURE	7,500 PSI (500 BAR)
AIR INLET CONNECTION	1/4" BSP (F) / 1/4" NPT (F)
PUMP OUTLET CONNECTION	1/4" BSP (F) / 1/4" NPT (F)
AIR CONSUMPTION	230 LPM (61 GPM)
GREASE OUTPUT (NLGI NO. 2 GREASE)	1.10 kg/min. (2.42 lbs/min.)
NOISE LEVEL	81 db

WETTED COMPONENTS
Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

RECOMMENDED USE
With light and self collapsing grease up to NLGI No. 2v

ORDERING INFORMATION

CAT NR.	ORD NR.	BSP THREADS	NPT THREADS	FITS	DRUM COVER DIAMETER		FOLLOWER PLATE DIMENSIONS						
					(INCH)	(MM)	O.D. STEEL END		O.D. PLATE		I.D. GROMMET		
							(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
PUMP ASSEMBLY													
GP0/ST/501/BSP	45409		-	12.5 KG drums	11	284	9-3/64	230	9-3/64	230	9-3/64	230	
GP1/ST/501/BSP	45410	GP1/ST/501/N	45415	25-50 lb / 5 gal. / 20-30 kg pails	12	310	9-1/2	241	9-1/2	241	9-1/2	241	
GP2/ST/501/BSP	45411	GP2/ST/501/N	45416	120 lb / 16 gal. / 50-60 kg pails	15	381	12-11/16	322	12-11/16	322	12-11/16	322	
GP3/ST/501/BSP	45412	GP3/ST/501/N	45417	400 lb / 50-60 kg pails	24-1/2	612	21-5/8	550	21-5/8	550	21-5/8	550	
Pump only		GP3/501/N	47857	180Kg									

KIT ENGRASE NEUMÁTICO 50:1 PARA CUÑETE 50 KG TMK/GP2/A/N



Trolley Mounted kits are ideal for use in Workshops, Garages, Shop Floors, providing complete portability for everyday greasing jobs

A typical kit is formed of:

1. 50:1 Air Operated Grease Pump
2. Steel Drum Cover
3. Rubber Lined Follower Plate
4. 84" x 1/4" SAE R2 hose
5. Grease Control valve fitted with Z Swivel
6. Drum Trolley
7. 1/4" Miniature Air Filter-Regulator & Lubricator

4 heavy duty castors for ease of movement. Rear castors with toelocks that ensure safety

Kit comes in CKD form & can be assembled quickly



FEATURES

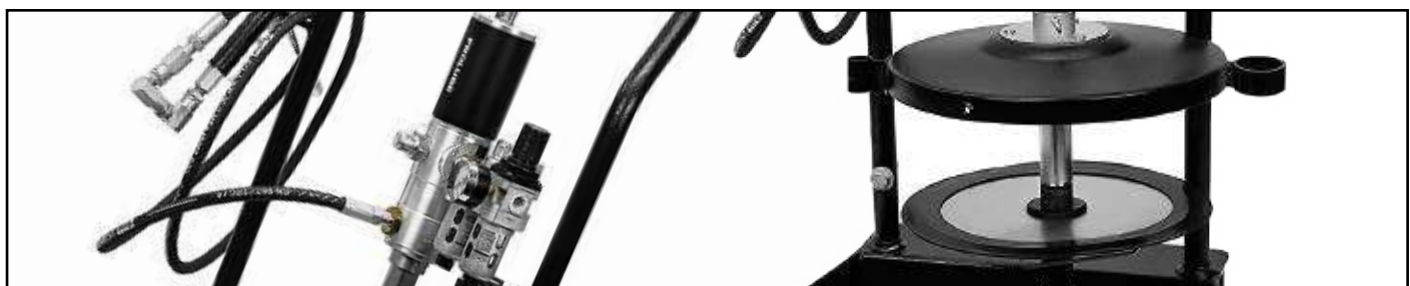
WORKING PRESSURE	DELIVERS
30-150 PSI (2-10 BAR)	UPTO 1.1 KG / MIN (2.42 LBS / MIN)

SPECIFICATIONS

	TMK/GP1	TMK/GP2
WORKING PRESSURE	30 to 150 PSI (2-10 BAR)	30 to 150 PSI (2-10 BAR)
MAXIMUM OUTLET PRESSURE	7,500 PSI (500 BAR)	7,500 PSI (500 BAR)
AIR INLET CONNECTION	1/4" BSP (F) / 1/4" NPT (F)	1/4" BSP (F) / 1/4" NPT (F)
HOSE	84" High Pressure	84" High Pressure
AIR CONSUMPTION OF PUMP	230 LPM (61 GPM)	230 LPM (61 GPM)
NOISE LEVEL	81 db	81 db
FOR USE WITH	25-60 lb / 20 kg pails	120 lb / 50 kg pails
DRUM COVER SIZE	12" (310 mm)	15" (381 mm)
FILTERING ELEMENT IN FILTER	40 Micron	40 Micron

ORDERING INFORMATION

CAT NR.	ORD NR.	THREAD TYPE	BOX QTY.
TMK/GP1/A/N	45825	NPT	1
TMK/GP2/A/N	45826	NPT	1
TMK/GP1/A/BSP	45820	BSP	1
TMK/GP1/A/BSP	45821	BSP	1



BOMBA ENGRASE NEUMÁTICA 50:1

BGRP/30



VARIANTS

			
<p>GP0 For use with Suction tube length 17-5/16 (440 mm)</p>	<p>GP1 For use with 25-50 lbs / 20 kg / 5 gal. pails. Suction tube length 17-5/16 (440 mm)</p>	<p>GP2 For use with 120 lbs / 50 kg / 16 gal. pails. Suction tube length 28-3/4 (730 mm)</p>	<p>GP3 For use with 400 lbs / 180 kg drums. Suction tube length 37-3/8 (950 mm)</p>
			
<p>BGRP/15 Portable grease pump with built-in 15 kg grease bucket</p>	<p>BGRP/30 Portable grease pump with built-in 30 kg grease bucket</p>	<p>BGRP/50 Portable grease pump with built-in 50 kg grease bucket</p>	

ORDERING INFORMATION

CAT NR.	ORD NR.	BUCKET CAPACITY	BOX QTY.
		(KG)	
PORTABLE AIR OPERATED GREASE PUMPS			
BGRP/15	45432	15	1
BGRP/30	45430	30	1
BGRP/50	45431	50	1

WARNING

Pump must be supplied with clean & dry compressed air via an FR unit

BOMBA NEUMÁTICA PARA ACEITE 3:1 PARA TAMBOR DE 200 LT.



OP/T3/31B/N

VARIANTS - 3:1 PUMPS

Amongst the most popular general purpose air operated pumps worldwide

Pumps are single acting with discharge upto 14 LPM (3.70GPM)

Ideal for use with medium to high viscosity oils (upto SAE 130) for transferring over short distances (upto 30 metres), mostly used with Trolley mounted kits

Air Consumption
230 LPM (61 GPM)

FEATURES

DELIVERS

UPTO
14 LPM
(3,70 GPM)



OP/T 3/ 31B/N

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	BOX QTY
BSP THREADS		NPT THREADS			
OP/S/31B/BSP	45320	OP/S/31B/N	45321	Stub Pump with Bung Adaptor and Foot Valve	4
OP/T2/31B/BSP	45330	OP/T2/31B/N	45331	Pump complete with Suction Tube for 50-60 litre (16 gal.) drums & bung adaptor	4
OP/T3/31B/BSP	45340	OP/T3/31B/N	45341	Pump complete with Suction Tube for 205 litre (55 gal.) drums & bung adaptor	4

BOMBA NEUMÁTICA PARA ACEITE 5:1 PARA TAMBOR DE 200 LT.

High Pressure pumps for dispensing oil at 5 times the pressure as the air inlet

Double Acting

With discharge upto 18 LPM (4.76 GPM)

Ideal for use with high viscosity oils (upto SAE 240) for transferring over short & long distances (upto 50m)

Mostly used with Trolley mounted kits both with & without Hose Reels, as well as with fixed systems for centralized distribution

FEATURES

DELIVERS

UPTO
18 LPM
(4,76 GPM)



OP/S/51B/N

Air Consumption
250 LPM (66 GPM)

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	BOX QTY
BSP THREADS		NPT THREADS			
OP/S/51B/BSP	45324	OP/S/51B/N	45325	Stub Pump with Bung Adaptor and Foot Valve	4
OP/T2/51B/BSP	45334	OP/T2/51B/N	45335	Pump complete with Suction Tube for 50-60 litre (16 gal.) drums & bung adaptor	4
OP/T3/51B/BSP	45344	OP/T3/51B/N	45345	Pump complete with Suction Tube for 205 litre (55 gal.) drums & bung adaptor	4

KIT CARRO ACEITE PARA TAMBOR 200 LT.

PÁG.

5

TMK/OP5H/A/N



Trolley mounted kits are ideal for use in workshops, garages, shop floors providing complete portability for everyday oiling jobs

Designed for use with 55 gal. (205 Litre) Oil Drums, these come complete with

1. Air Operated Oil Pump with 2" Bung (3:1 or 5:1)
2. 3.5m (11-1/2") x 1/2" ID Oil Hose / Oil Hose Reel with 10m (30') x 1/2" Oil
3. Digital Control Gun
4. Drum Trolley
5. 1/4" Miniature Air Filter-Regulator & Lubricator
6. Hose for connecting pump outlet to reel inlet* (*only for models with

Kit comes in CKD form & can be assembled quickly.

Trolley can be locked with brakes provided on the wheels

Available in two variations both in BSP & NPT threads

- a. 3:1 pump System
- b. 5:1 pump system complete with Hose Reel



ORDERING INFORMATION

FEATURES

WORKING AIR PRESSURE	MAX. AIR PRESSURE
30-50 PSI (2-10 BAR)	150 PSI (10 BAR)

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION
BSP		NPT		
TMK/OP3/A/BSP	45830	TMK/OP3/A/N	45835	Trolley Mounted kit with 3:1 Air Operated Pump , Hose & Digital Oil Control Gun
TMK/OP5H/A/BSP	45831	TMK/OP5H/A/N	45836	Trolley Mounted kit with 5:1 Air Operated Pump , Hose Reel & Digital Oil Control Gun

DESCRIPTION	Trolley Mounted Kit - 5:1 Air Operated Pump with Hose Reel & Digital Oil Control Gun
PUMP TYPE	Air Operated 5:1
MAX. OIL PRESSURE (AT PUMP OUTLET)	750 PSI
MAX. FLOW RATE (AT PUMP OUTLET)	Upto 18 LPM (4.76 GPM)
AIR CONSUMPTION	250 LPM (66 GPM)
MAX. VISCOSITY OF OIL	SAE 240
MAX. DISTANCE BETWEEN PUMP OUTLET & DISPENSING POINT	Upto 50 Metres
HOSE REEL	Steel (Dual Arm) Oil Hose reel complete with 10 m (30') x 1/2" ID Rubber Hose
DISCHARGE HOSE	NA
OIL CONTROL GUN	Aluminium Body gun with 1/2" Swivel & Digital Meter. Includes Flexible Hose with Mechanical Non Drip
AIR CONTROL UNIT	Miniature 1/4" Air Filter-Regulator & Lubricator with Pressure Gauge , 40 Micron Filter , 18 CFM (500 LPM)

CARRO PORTA TAMBORES 200 LT.

TRL/180H



Rugged build with outstanding features make these trolley ideal for use in workshops & industrial floors for transfer of large drums & buckets

Manufactured from heavy gauge 4 mm thick steel sheet for increased strength & durability

3" (75 mm) ground clearance for smooth movement over uneven surfaces in workshop environment

6" (150 mm) wide polyurethane front wheels with nylon rim for reduced wear & tear

Heavy duty rear castors with toe locks for higher safety & stability

Available in 2 sizes

- a. Trolley for 50 kg / 120 lb. drums
- b. Trolley for 180 kg / 210 litre / 55 gal. drums. Can be used just as a trolley for safe movement of oil drums or a complete dispensing system with hose reel & pneumatic pump



TRL/50



Trolley for 50 kg / 120 lb. drums

TRL/180H



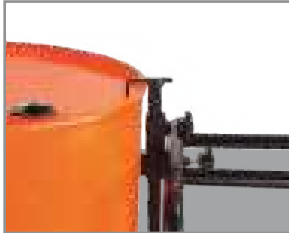
Trolley for 180 kg / 55 gal. / 205 litre drums

CARRO PORTA TAMBORES 200 LT.

TRL/180H



Drum clamping attachment



Clamps for holding pump when not in use

Plate for mounting a hose reel

Cup for secure holding of pump inlet & collecting dripping oil

Heavy Duty 4 mm thick steel sheet

6" (150 mm) polyurethane wheels with nylon rim

Lock position



Un-lock position



Heavy Duty castors with toe lock

Control gun holder

Removable handle used for moving the trolley



Removable handle used as a drum loader



Removable handle used as a drum wrench



Trolley being used as a dispensing system with Ratio Pump & Hose Reel installed

ORDERING INFORMATION

CAT NR.	ORD NR.	SUITABLE FOR	BOX QTY.
TRL/50	44430	50 kg / 120 lb. drums	1
TRL/180H	44431	180 kg / 55 gal. / 205 litre drums	1

CARRETE PORTA MANGUERA RETRACTILES

HR/AW/15M/1-2/N



All metal hose reels

Ribbed steel design prevents bending & flexing. Rolled edges for added strength & stability

Compact design allows these to be used in confined spaces with ease

Casseted Spring Design: Drive springs are manufactured from highest quality spring steel that ensures long life. Precise manufacturing guarantees a superior quality edge

Fully enclosed casseted design makes the spring resistant to corrosion caused by water & dirt, guaranteeing longer life & trouble free operation. Convenient & safe maintenance

Ratchet: Heavy duty dual ratchet reduces stress on spring providing smooth & balanced operation during hose extension & retraction. Dual ratchet teeth can lock hose in multiple usable positions

Multiple Position Guide Arm: Guide arms can be adjusted at 45° intervals that provides versatile floor, wall or truck mounting with a convenient mounting angle for hose to be released at optimum position

Reels are available With

- Dual Guide Arm : Medium & high pressure applications involving grease & oils. Dual guide arm design is structurally reinforced strengthened with metal ribs that prevent flexing and bending due to hose pull
- Single Guide Arm : For low pressure applications involving air and water

Adjustable roller guide arm with removable nylon guide rollers reduces drag & wear

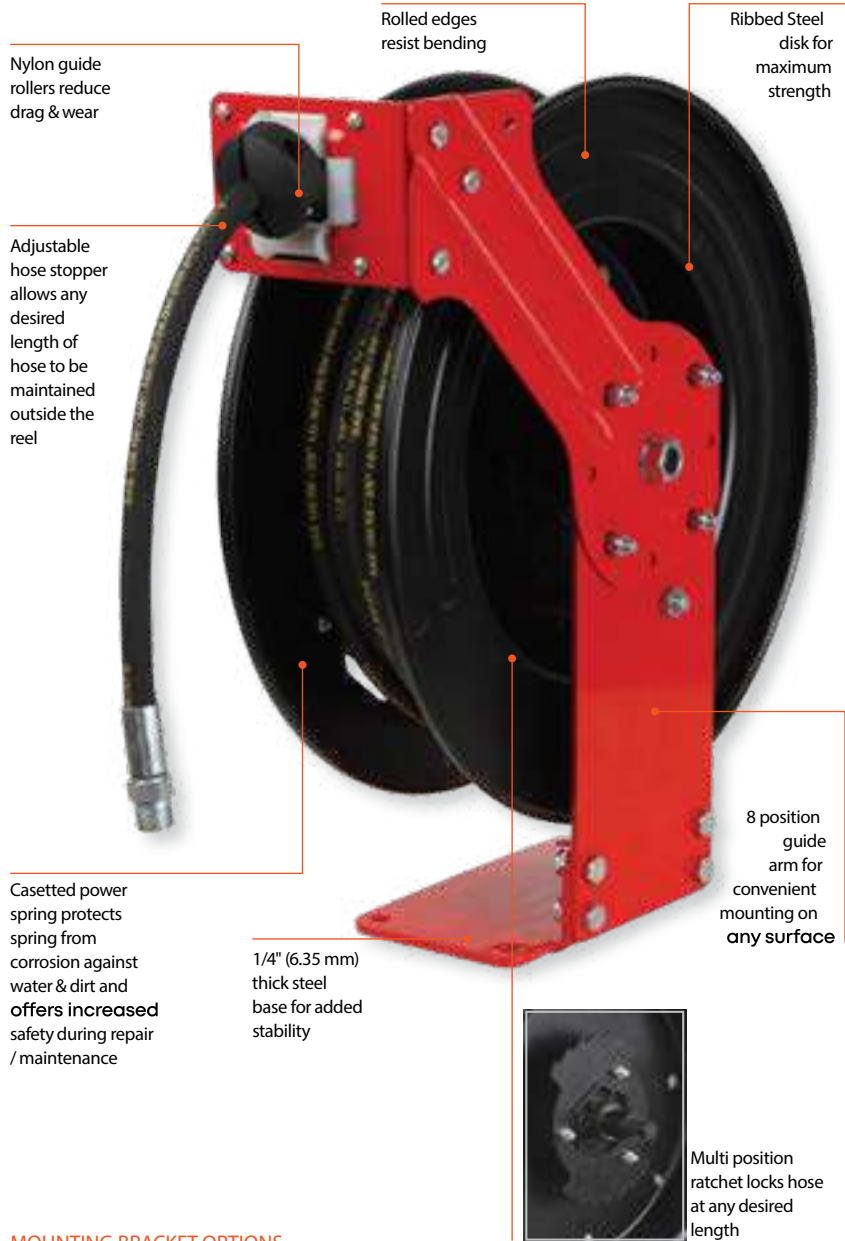
Inlet swivel reduces torque load on power spring for smoother hose movement & durability

1/4" (6.35 mm) thick steel base with easy mounting eyelet hole

All components are powder coated after cleaning, degreasing & iron phosphate penetrating ensuring a long lasting, durable & attractive finish

Hose reels come with an option of 10m (32.8') & 15m (49.2') hose

Hose Reel accessories for floor mounting & angular mounting on walls are also available



Nylon guide rollers reduce drag & wear

Adjustable hose stopper allows any desired length of hose to be maintained outside the reel

Casseted power spring protects spring from corrosion against water & dirt and offers increased safety during repair / maintenance

Rolled edges resist bending

Ribbed Steel disk for maximum strength

1/4" (6.35 mm) thick steel base for added stability

8 position guide arm for convenient mounting on any surface



Multi position ratchet locks hose at any desired length

MOUNTING BRACKET OPTIONS

SWV/HR/360
47950



Floor Mounting Bracket
(available as spare)

SWV/HR/140
47951



Wall Mounting Bracket
(available as spare)

CARRETE PORTA MANGUERA RETRACTILES

HR/AW/15M/1-2/N



VARIANTS

<p>AIR / WATER LOW PRESSURE HOSE REELS</p>		<p>GREASE / HIGH PRESSURE HOSE REELS</p>	
<p>OIL / MEDIUM PRESSURE HOSE REELS</p>		<p>Hose Reel Bolt Pattern</p> 	

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	MAX. PRESSURE		INLET / OUTLET THREADS		HOSE ID		HOSE OD		HOSE LENGTH		BOX QTY.
				(PSI)	(BAR)	(INCH)	(INCH)	(MM)	(INCH)	(MM)	(M)	(FEET)		
				BSPT	NPT									
AIR WATER - LOW PRESSURE HOSE REELS														
HR/AW/10M/3-8/B	47900	HR/AW/10M/3-8/N	47920	300	21	3/8	3/8	9.5	5/8	15.9	10	32.8	1	
HR/AW/15M/3-8/B	47901	HR/AW/15M/3-8/N	47921	300	21	3/8	3/8	9.5	5/8	15.9	15	49.2	1	
HR/AW/10M/1-2/B	47902	HR/AW/10M/1-2/N	47922	300	21	1/2	1/2	12.7	3/4	19	10	32.8	1	
HR/AW/15M/1-2/B	47903	HR/AW/15M/1-2/N	47923	300	21	1/2	1/2	12.7	3/4	19	15	49.2	1	
OIL - MEDIUM PRESSURE HOSE REELS														
HR/OL/10M/3-8/B	47960	HR/OL/10M/3-8/N	47970	2000	138	3/8	3/8	9.5	23/32	18.1	10	32.8	1	
HR/OL/15M/3-8/B	47962	HR/OL/15M/3-8/N	47972	2000	138	3/8	3/8	9.5	23/32	18.1	15	49.2	1	
HR/OL/10M/1-2/B	47961	HR/OL/10M/1-2/N	47971	2000	138	1/2	1/2	12.7	7/8	21.5	10	32.8	1	
HR/OL/15M/1-2/B	47963	HR/OL/15M/1-2/N	47973	2000	138	1/2	1/2	12.7	7/8	21.5	15	49.2	1	
GREASE - HIGH PRESSURE HOSE REELS														
HR/GR/10M/1-4/B	47980	HR/GR/10M/1-4/N	47990	5800	400	1/4	1/4	6.35	5/8	15.9	10	32.8	1	
HR/GR/15M/1-4/B	47982	HR/GR/15M/1-4/N	47992	5800	400	1/4	1/4	6.35	5/8	15.9	10	49.2	1	
HR/GR/10M/3-8/B	47981	HR/GR/10M/3-8/N	47991	4000	276	3/8	3/8	9.5	3/4	19	10	32.8	1	
HR/GR/15M/3-8/B	47983	HR/GR/15M/3-8/N	47993	4000	276	3/8	3/8	9.5	3/4	19	15	49.2	1	

KIT DE BOMBA ELÉCTRICA PARA COMBUSTIBLE 12V



FPM-12

Heavy duty industrial grade fuel pumps.

Designed for everyday use in agricultural construction, automotive & industrial applications

Lightweight, yet strong non-corroding aluminium die-cast construction. Weather proof for tough outdoor use

Geared pump design using precision sintered metal gears

Geared construction makes the pump tolerant to contaminants in fuel; in addition to offering tremendous suction & minimal noise

UL & cUL listed Motor

Duty Cycle

30 minutes ON /
30 minutes OFF


WETTED COMPONENTS

Aluminum, Steel, Cast Iron, Nylon, NBR, Zinc, Viton, Stainless Steel





RECOMMENDED USE

Gasoline, Diesel, E15 Fuel, Kerosene, Bio Diesel (B20)



	
	FPM-12
DESCRIPTION	Heavy Duty 12V DC
FLOW RATE (AT PUMP OUTLET)	Upto 57 LPM (15 GPM)*
EXPLOSION PROOF MOTOR	1/7 HP 12V DC
AMP	25 Amp
INTERNAL BYPASS VALVE	Yes
SUCTION PIPE	Steel
HOSE	3/4" x 12' anti static hose
TANK ADAPTER	2" Threaded
INLET	1" NPT
OUTLET	3/4" NPT
DISPENSING NOZZLE	3/4" manual with swivel
BATTERY CABLE (2 WIRES)	15'

FLUIDS

DIESEL	BIO DIESEL	KEROSENE	GASOLINE
			

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
FPM/12	44040	12V DC	1

BOMBA ELÉCTRICA PARA DIESEL

EDP/12 - EDP/220



Portable diesel transfer pumps

Designed for everyday use in agricultural, construction, automotive & industrial applications

Lightweight, yet strong non-corroding aluminum die-cast construction

Self priming vane pump design

Bypass valve keeps the motor safe even when the outlet is closed



Duty Cycle

30 minutes ON /
30 minutes OFF

FEATURES

FLOW RATE	5 VANE PUMP
UPTO 46 L PM (12 GPM)*	

*Measured at pump outlet with vehicle engine switched on

FLUIDS

DIESEL	KEROSENE

Available in a choice of

- a. DC Version: 12V or 24V
- b. AC Version: 115V or 220V

WETTED COMPONENTS

Steel, Aluminum, Zinc, Nylon, NBR, PVC Nitrile, Acetal

RECOMMENDED USE

Diesel & Kerosene

SPECIFICATIONS

DESCRIPTION	12V DC	220V AC
MOTOR	1/4 HP 12V DC	1/4 HP 220V AC, 50/60 Hz
RPM	2600	2600
AMP DRAW FROM BATTERY	18 Amp	1.5 Amp
INTERNAL BYPASS VALVE	Yes	Yes
OUTLET	3/4" NPT	3/4" NPT
BATTERY CABLE	2M	NA

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BASE PLATE	LIFT HANDLE	DRUM BUNG	NOZZLE TYPE	NOZZLE HOLDER	PUMP INTLET THREADED	PUMP OUTLET THREADED	DISCHARGE HOSE	SUCTION TUBER	NYLON SUCTION STRAINER	BOX QTY
EDP/12	45530	Pump Only (Base Mount)	Yes	Yes	No	No	No	3/4" HB	3/4" HB	No	No	No	4
EDP/220	45546												



BOMBA ELÉCTRICA PARA DIESEL

EDP/12



Portable diesel transfer pumps

Designed for everyday use in agricultural, construction, automotive & industrial applications

Lightweight, yet strong non-corroding aluminum die-cast construction

Self priming vane pump design

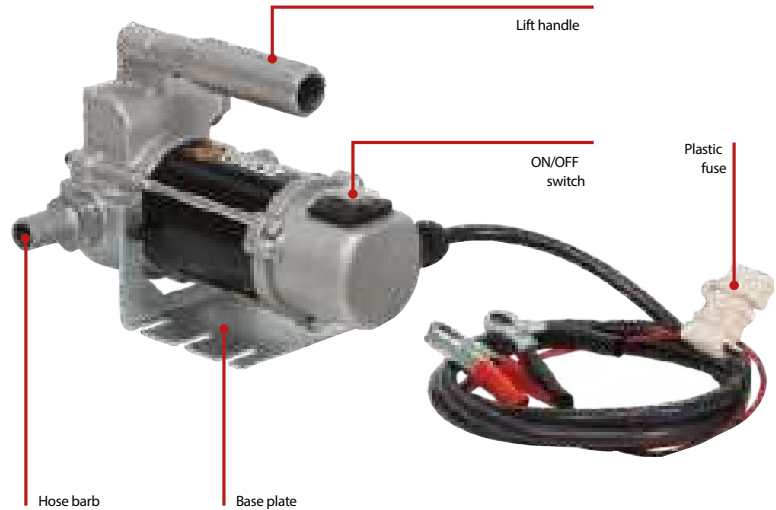
Bypass valve keeps the motor safe even when the outlet is closed

Duty Cycle
30 minutes ON /
30 minutes OFF

Available in a choice of
a. DC Version: 12V or 24V
b. AC Version: 115V or 220V

WETTED COMPONENTS
Steel, Aluminum, Zinc, Nylon, NBR, PVC Nitrile, Acetal

RECOMMENDED USE
Diesel & Kerosene



FEATURES

FLOW RATE	5 VANE PUMP
UPTO 46 LPM (12 GPM)*	

*Measured at pump outlet with vehicle engine switched on

FLUIDS

DIESEL	KEROSENE

SPECIFICATIONS

DESCRIPTION	12V DC	24V DC	115VAC	220V AC
MOTOR	1/4 HP 12V DC	1/4 HP 24V DC	1/4 HP 115V AC, 60 Hz	1/4 HP 220V AC, 50/60 Hz
RPM	2600	2600	2600	2600
AMP DRAW FROM BATTERY	18 Amp	11 Amp	3 Amp	1.5 Amp
INTERNAL BYPASS VALVE	Yes	Yes	Yes	Yes
OUTLET	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
BATTERY CABLE	2m	2m	NA	NA

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION
12V DC PUMPS		24V DC PUMPS		115V AC PUMPS		220V AC PUMPS		
EDP/12	45530	EDP/24	45535	EDP/115	45541	EDP/220	45546	Pump Only (Base Mount)
EDP/12M/ST	45531	EDP/24M/ST	45536	EDP/115M/ST	45542	EDP/220M/ST	45547	Pump Kit (Base Mount) with Manual Nozzle
EDP/12A/ST	45532	EDP/24A/ST	45537	EDP/115A/ST	45543	EDP/220A/ST	45548	Pump Kit (Base Mount) with Automatic Nozzle
EDP/12MD/ST	45533	EDP/24MD/ST	45538	EDP/115MD/ST	45544	EDP/220MD/ST	45549	Pump Kit (Drum Mount) with Manual Nozzle
EDP/12AD/ST	45534	EDP/24AD/ST	45539	EDP/115AD/ST	45545	EDP/220AD/ST	45529	Pump Kit (Drum Mount) with Automatic Nozzle
BASE TO DRUM MOUNT CONVERSION KIT								
DMK/EDP	45540	Accessories kit to convert Base to Drum Mount version						

BOMBA ELÉCTRICA PARA DIESEL

EDP/12



VARIANTS

BASE MOUNT STYLE

EDP-12	EDP/12M/ST	EDP/12A/ST
<p>Includes Pump with</p> <ul style="list-style-type: none"> • Base plate and lift handle • 2m long battery cable 	<p>Includes Pump with</p> <ul style="list-style-type: none"> • Base plate and lift handle • Manual Nozzle • 4m x 3/4" (ID) hose that can be cut & used as suction & delivery hose • Strainer • 2m long battery cable with fuse & clamps • Hardware - 3 hose barbs (3/4") & 4 hose clamps 	<p>Includes Pump with</p> <ul style="list-style-type: none"> • Base plate and lift handle • Automatic Nozzle • 4m x 3/4" (ID) hose that can be cut & used as suction & delivery hose • Strainer • 2m long battery cable with fuse & clamps • Hardware - 3 hose barbs (3/4") & 4 hose clamps

DRUM MOUNT STYLE

EDP/12MD/ST	EDP/12AD/ST
<p>Includes Pump with</p> <ul style="list-style-type: none"> • Manual nozzle with nozzle holder • 2" bung • Elbow fitting • 2 pc suction tube • 3m x 3/4" (ID) delivery hose • 2m long battery cable with fuse & clamps • Hardware - 2 hose barbs (3/4") & 2 hose clamps 	<p>Includes Pump with</p> <ul style="list-style-type: none"> • Automatic nozzle with nozzle holder • 2" bung • Elbow fitting • 2 pc suction tube • 3m x 3/4" (ID) delivery hose • 2m long battery cable with fuse & clamps • Hardware - 2 hose barbs (3/4") & 2 hose clamps

WARNING

Do not use fluids with a flash point below 100°F (38°C), such as Gasoline & Alcohol

Sparking could result in explosion causing fatal injury

BASE PLATE	LIFT HANDLE	DRUM BUNG	NOZZLE TYPE	NOZZLE HOLDER	PUMP INLET THREADED	PUMP OUTLET THREADED	DISCHARGE HOSE	SUCTION TUBE	NYLON SUCTION STRAINER	BOX QTY.
Yes	Yes	No	No	No	3/4" HB	3/4" HB	No	No	No	4
Yes	Yes	No	Manual	No	3/4" HB	3/4" HB	Combo Hose 4m long		Yes	4
Yes	Yes	No	Automatic	No	3/4" HB	3/4" HB	Combo Hose 4m long		Yes	4
No	No	Yes	Manual	Yes	1"	3/4" HB	Hose 3 m long	2 pc Steel	No	4
No	No	Yes	Automatic	Yes	1"	3/4" HB	Hose 3 m long	2 pc Steel	No	4

BOMBA ELÉCTRICA PARA ACEITE Y COMBUSTIBLE

EOP/AC/230 EOP/DC/12



Vertical mount Oil & Fuel pump

Designed for light industrial, automotive, heating & marine applications

For use with non-flammable media

Built-in bung adapter fits directly on drums with 2" threaded opening

Manufactured from chemically inert materials, pumps work with a wide variety of low viscosity media

Motor has double insulation making it safe for use with water & emulsions

Built-in anti-siphoning system ensures that media does not flow out by siphon action causing accidental damage to the delivery hose or dispensing nozzle

Complete with 2pc threaded telescopic suction tube for use on 50-205 litre (15-55 gallon) drums

Duty Cycle
Continuous Duty



WETTED COMPONENTS

POM, Polypropylene, Stainless Steel, Nitrile Rubber, Viton & PTFE

RECOMMENDED USE

Diesel, Kerosene, Mineral & Synthetic Oils, Heating Oils, Antifreeze, Water, Emulsions etc. Pump can be used with Fluids with a maximum viscosity of 114 cst

FEATURES

FLOW RATE	TEMPERATURE
UPTO 40 LPM (10.5 GPM)*	-10°C TO 40°C (14°F TO 104°F)

*measured at pump outlet tested using Diesel

FLUIDS



ORDERING INFORMATION





CAT NR.	ORD NR.	DESCRIPTION	
EOP/AC/230	45521	12V DC	
EOP/DC/24	45523	24V DC	
EOP/AC/110	45522	110V AC	
EOP/DC/12	45520	230VAC	

BOMBA ELÉCTRICA PARA ACEITE Y COMBUSTIBLE

EOP/AC/230 EOP/DC/12



SPECIFICATIONS

				
	EOP/DC/12	EOP/DC/24	EOP/AC/110	EOP/AC/230
DESCRIPTION	12V DC	24V DC	110V AC, 60 Hz	230V AC, 50 Hz
FLOW RATE	Upto 35 LPM (9.25 GPM)	Upto 35 LPM (9.25 GPM)	Upto 40 LPM (10.5 GPM)	Upto 40 LPM (10.5 GPM)
MOTOR	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor
AMP	9.2 Amp	5.6 Amp	2.9 Amp	1 Amp
ABSORBED POWER	110 W	135 W	320 W	224 W
INTERNAL BYPASS VALVE	No	No	No	No
DISCHARGE HEAD	1 Meter	1 Meter	1 Meter	1 Meter
TELESCOPIC SUCTION TUBE		Extends from 31-1/2" (800 mm) to	43-45/64" (1110 mm)	
DELIVERY HOSE	3/4" ID x 2.5m Long	3/4" ID x 2.5m Long	3/4" ID x 2.5m Long	3/4" ID x 2.5m Long
TANK ADAPTOR	2" & M64 x 4	2" & M64 x 4	2" & M64 x 4	2" & M64 x 4
OUTLET	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP
DISPENSING NOZZLE	Manual Polypropylene nozzle with 3/4" Hose Barb	Manual Polypropylene nozzle with 3/4" Hose Barb	Manual Polypropylene nozzle with 3/4" Hose Barb	Manual Polypropylene nozzle with 3/4" Hose Barb
BATTERY/POWER CABLE	3m long with battery clamps	3m long with battery clamps	2m long with US plug	2m long with EU plug
WATER/ DUST PROTECTION	IPX-4 (protection against splashing water)	IPX-4 (protection against splashing water)	IPX-4 (protection against splashing water)	IPX-4 (protection against splashing water)
NOISE LEVEL	70 db	70 db	70 db	70 db

WARNING

DO NOT USE

With fluids with a flash point below 100°F (38°C), such as Gasoline & Alcohol

Sparking could result in explosion causing fatal injury

BOMBA CON BATERÍA RECARGABLE



BOP/60

Rechargeable Battery Operated Pump for quick and convenient transfer of wide variety of fluids

Lightweight yet sturdy pump with convenient to operate large ON/OFF switch

Pump complete with

- Control Nozzle with lever for:**
Full control on fluid outflow
No spillage even when the electric switch is ON
- Telescopic Suction Tube**
adjustable 15"-20-1/2" (380-520 mm) suitable for use on 20 to 50 litre (5 to 15 gallon) drums
- 1.5m (4.9 ft) Flexible Hose**
with swivel at end to prevent kinking of hose

Convenient & Safe Storage Hang pump onto the supply tank via the U-shaped hook after use

Power Source

2900mAh Rechargeable Lithium ion battery. Rechargeable via USB 2.0 type B connector (USB cable included)

Battery Capacity

Fully charged battery can discharge upto 300 litres (79 gallons)*
*tested using water

WETTED COMPONENTS

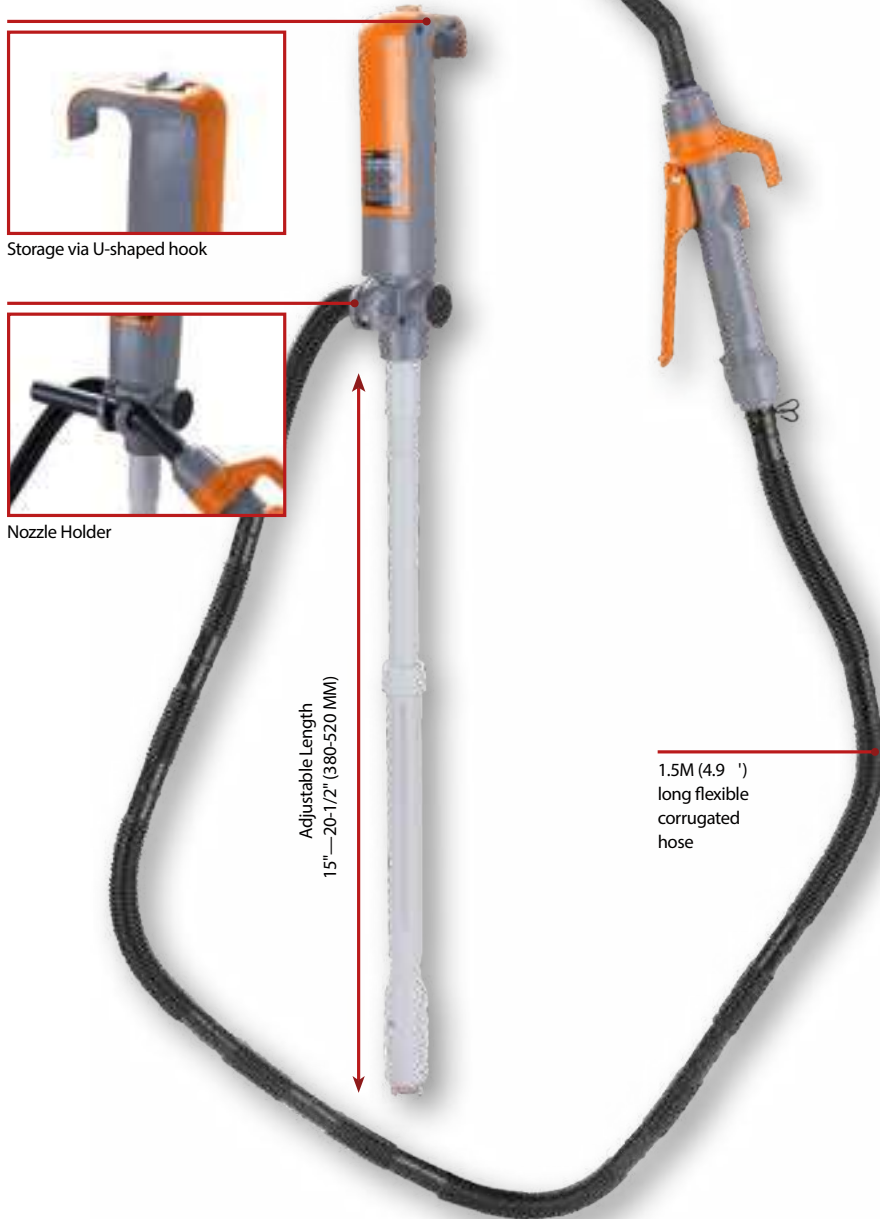
Polypropylene, Polyethylene, PVC & Acetal

DO NOT USE WITH

Acids, Acetone, Benzene etc

WARNING

Pump must never be used with hot media at temperatures above 60°C (140°F)



FEATURES

FLOW RATE	CHARGE TIME	USB CHARGED	BATTERY
UPTO 11.5 LPM (3.04 GPM)	3 HOURS		 LITHIUM-ION RECHARGEABLE

ORDERING INFORMATION

CAT NR.	ORD NR.	SUCTION TUBE LENGTH		BOX QTY.
		(INCH)	(MM)	
BOP/60	44413	15-20-1/2	380-520	10

FLUIDS RECOMMENDED USE

GASOLINE	DEF / ADBLUE*	ANTIFREEZE	WINDSHIELD FLUID
DIESEL	KEROSENE	DETERGENTS	

ADBLUE - BOMBA CENTRÍFUGA ELÉCTRICA INOX. 220V

DEFP/SS/220/EU



The Groz Professional Series, Stainless Steel Pump is specifically engineered for efficient & safe dispensing of DEF/Adblue.

Rugged Construction

Stainless Steel SS 304 imparts durability and extended life to the pump as compared to commonly available regular polypropylene/nylon pumps.

Vane Pump Mechanism

The centrifugal vane pumping mechanism makes it more effective with enhanced suction lift & self priming feature as opposed to regular pumps that require priming and have limited suction ability.

Continuous Duty

Time Saving Pump. Can run continuously without any stoppage, as opposed to regular pumps with a duty cycle of 15-20 minutes.

Safe Operation

Pump constructed using totally enclosed motor.

Available in

- a. 115V AC, 60 Hz.
- b. 220V AC, 50/ 60 Hz.

WETTED COMPONENTS

304 SS, Polyacetal, Viton

RECOMMENDED USE

DEF/Adblue, Urea, Water, Antifreeze, Antifreeze, Detergents etc.

DO NOT USE WITH

Diesel, Kerosene, Gasoline, Oils etc.

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	INLET / OUTLET
DEFP/SS/220/EU	47550	220V AC, 50Hz, Power cord with European Socket	3/4" Hose Barb
DEFP/SS/220/AU	47551	220V AC, 50Hz, Power cord with Australian Socket	
DEFP/SS/220/UK	47552	220V AC, 50Hz, Power cord with British Socket	
DEFP/SS/115/US	47554	115V AC, 60Hz, Power cord with US Socket	
REPAIR KIT			
RK/DEFP/SS		Repair kit for SS electric DEF pump	



FEATURES

FLOW RATE	TEMPERATURE	
UPTO 56 LPM (15 GPM)	-10°C TO 50°C (14°F TO 122°F)	
PROTECTION	ST AINLES S STEEL	5 VANE PUMP
IP54	SS	

FLUIDS

DEF/ADBLUE	UREA	ANTIFREEZE
SOAP	WINDSHIELD FLUID	WATER
DETERGENTS		

SPECIFICATIONS

DESCRIPTION	115V AC	220V AC
PUMP TYPE	Vane	Vane
MOTOR	1/2 HP, 60 Hz	1/2 HP, 50/60 Hz
RPM	3400	2800
AMP	3	1.5
DRY SUCTION HEIGHT	1M (3.2')	1M (3.2')
INLET/OUTLET	1"	1"
POWER CABLE	1.6M (5-1/2')	1.6M (5-1/2')
DUTY CYCLE	Continuous	Continuous
WATER/ DUST PROTECTION	IP54	IP54

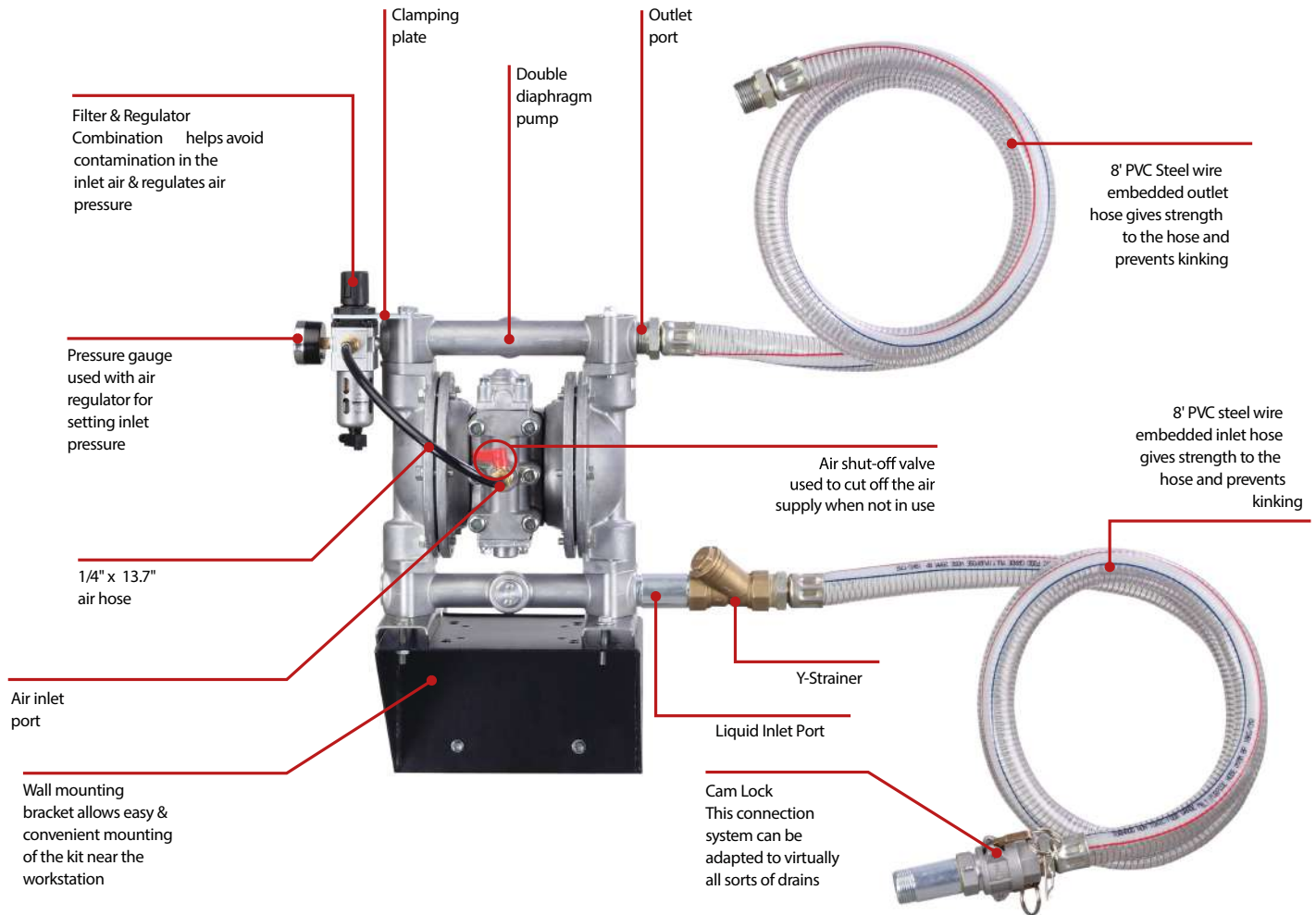
BOMBA DIAFRAGMA NEUMÁTICA PARA ACEITES RESIDUALES

KIT/AODD/1-2/WO/N
KIT/AODD/0-1/WO/N



AG.
17

BOMBA DIAFRAGMA NEUMÁTICA PARA ACEITES RESIDUALES



Ideal for use in workshops & garages for removing used oil from drains and delivering to the used oil sump tank

Waste Oil Evacuation System includes:

1. Double Diaphragm pump
2. Filter Regulator Combination
3. Two 8' PVC hoses, cam lock, Y-strainer, fittings
4. Pressure gauge and air hose
5. Wall mounting bracket
6. Clamping plate
7. PTFE tape

FEATURES

AIR INLET PRESSURE

20-100 PSI
(2 - 7 BAR)

SPECIFICATIONS

	KIT/AODD/1-2/WO/N	KIT/AODD/0-1/WO/N
SIZE	1/2"	1"
FLOW RATE	0-50 LPM	0-110 LPM
CASING	Aluminium	Aluminium
DIAPHRAGM	Hytrel	Hytrel
MAX. PARTICLE SIZE	1/32" (1 mm)	1/16" (2 mm)

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
KIT/AODD/1-2/WO/N	47750	1
KIT/AODD/0-1/WO/N	47751	1



BOMBA DE ALUMINIO CON DIAFRAGMA DOBLE

AODD/1-2/BAH/N, AODD/0-1/BAH/N



Double Diaphragm Pumps are driven by Compressed Air, designed for use in applications requiring large volume transfer in a very short time

These pumps can transfer contaminated media & are good at cleaning out pits or liquids that can be a mix of several products like oil, water and antifreeze all mixed together.

Handles a wide variety of fluids with high solids content:

No close fitting or rotating parts so liquid with high solids content and/or size can be easily pumped

Self Priming:

The pump design (incorporating internal check valves) allows for high suction lift even at dry start-up and with heavier fluids

Ability to run dry:

No close fittings or sliding parts are at risk. The pump can run dry without damage

Variable flow rate and discharge pressure:

Pumps will run at any setting within their operating range simply by adjusting the air inlet pressure and system conditions. One pump can fit a broad spectrum of applications

Portable/Simple Installation:

Pumps transport easily to the application site. Simply connect your air supply line and liquid lines; the pump is ready to perform. There are no complex controls to install and operate

Dead Head:

Because the discharge pressure can never exceed air inlet pressure, the discharge line can be closed with no damage or wear. The pump will simply slow down and stop

Shear Sensitive:

The gentle nature and minimal parts contact with the liquid makes these pumps an excellent choice for shear sensitive fluids

Explosion Proof:

As pumps are operated by compressed air, therefore, they are intrinsically safe

Submersible:

If external components are compatible, these pumps can be submerged in the liquid by simply running the exhaust line above the liquid level



AODD/0-1/BAH/N

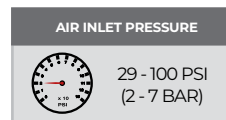


	AODD/1-2/BAH/N	AODD/0-1/BAH/N
SIZE	1/2"	1"
CASING	Aluminium	Aluminium
DIAPHRAGM	Hytrel®	Hytrel®
FLOW RATE	0 - 50 LPM (0 - 13.22 GPM)	0 - 110 LPM (0 - 29.1 GPM)
PUMP INLET/OUTLET NPT (F)	1/2"	1"
AIR EXHAUST NPT(F)	3/8"	3/4"
MAX PARTICLE SIZE	1/32" (1 mm)	1/16" (2.0 mm)
SUCTION LIFT (DRY)	5-feet	18-feet
MAX AIR CONSUMPTION	450 LPM (15.9 CFM)	1200 LPM (42.4 CFM)
WETTED COMPONENTS	Aluminium, PA, Stainless steel, Hytrel®	Aluminium, Stainless steel, Hytrel®
VALVE BALL MATERIAL	Hytrel®	Hytrel®
AIR MOTOR	Aluminium	Aluminium
MAXIMUM LIQUID TEMPERATURE	80°C (176°F)	80°C (176°F)

TEMPERATURE RANGE FOR VARIOUS MATERIALS

BODY / CASING MATERIAL	LIQUID TEMPERATURE RANGE
Aluminium	0 to 100°C (32°F to 212°F)
Polypropylene	0 to 60°C (32°F to 140°F)
DIAPHRAGM MATERIAL	LIQUID TEMPERATURE RANGE
BUNA N	0 to 70°C (32°F to 158°F)
Hytrel® (TPEE)	0 to 80°C (32°F to 176°F)
Santoprene® (TPO)	0 to 90°C (32°F to 194°F)
Teflon® (PTFE)	0 to 100°C (32°F to 212°F)

FEATURES



ORDERING INFORMATION

CAT NR.	ORD NR.	SIZE	CASING	DIAPHRAGM	RECOMMENDED FLUIDS
AODD/1-2/BAH/N	44720	1/2"	Aluminium	Hytrel®	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze and Waste water
AODD/0-1/BAH/N	44740	1"	Aluminium	Hytrel®	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze and Waste water

FILTRO REGULADOR Y LUBRICADOR 2 PIEZAS



FRCLM159334-MS

Space saving 2 pc Modular Filter-Regulator Combination & Lubricator is by far the most popular air preparation unit.

The Filter-Regular Combination & Lubricator are attached in series

Available in 2 types:

Modular Series

Complete with piping adaptors and wall mounting bracket. Piping adaptors make individual components easily removable/mountable without disturbing the pipeline

Compact Series

Complete with wall mounting bracket but without piping adaptors

is used to separate dust, dirt, moisture & other contaminants from compressed air. Filter has a Die Cast Aluminum body, polycarbonate bowl with a steel bowl guard & a high performance Sintered Bronze Filtering element. Filter is designed with a Separator & shield for efficient moisture separation.

maintains a steady outlet pressure, unaffected by variations/fluctuations in the inlet pressure. Regulators have a Non Raising "Press to Lock" adjusting knob for locking at any set pressure. Regulators work on a Diaphragm operated, relieving type mechanism with pressure compensated by balanced poppet

Air Lubricators are used to feed lubricants to pneumatic equipments. These maintain a constant oil-to-air density over a wide range of flow. Lubricators are Fog/MicroMist type, upto 50' pipe runs. Designed for best performance with 32 grade oil

Metal Bowl makes these good for use in Chemical Plants, Paint Shops, Pharmaceutical Plants, Foundry etc. Where ambient air may contain chemicals such as Acetone, Benzene, Kerosene, Gasoline, Carbon Tetrachloride, Ethylene Dichloride, Toluene etc.

WETTED COMPONENTS

Aluminum, Bronze, Brass, Steel, Acetal, Brass, Stainless Steel & Nitrile

OPTIONAL CONFIGURATION

Custom built include the following pressure adjustment ranges:

3 - 28 PSI (0.2 - 2 BAR)

3 - 58 PSI (0.2 - 4 BAR)

8 - 100 PSI (0.5 - 7 BAR)

Custom options for filtering element:

5 Micron

25 micron

50 Micron

100 Micron

Drain type options include an auto drain



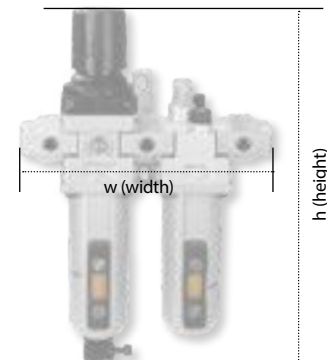
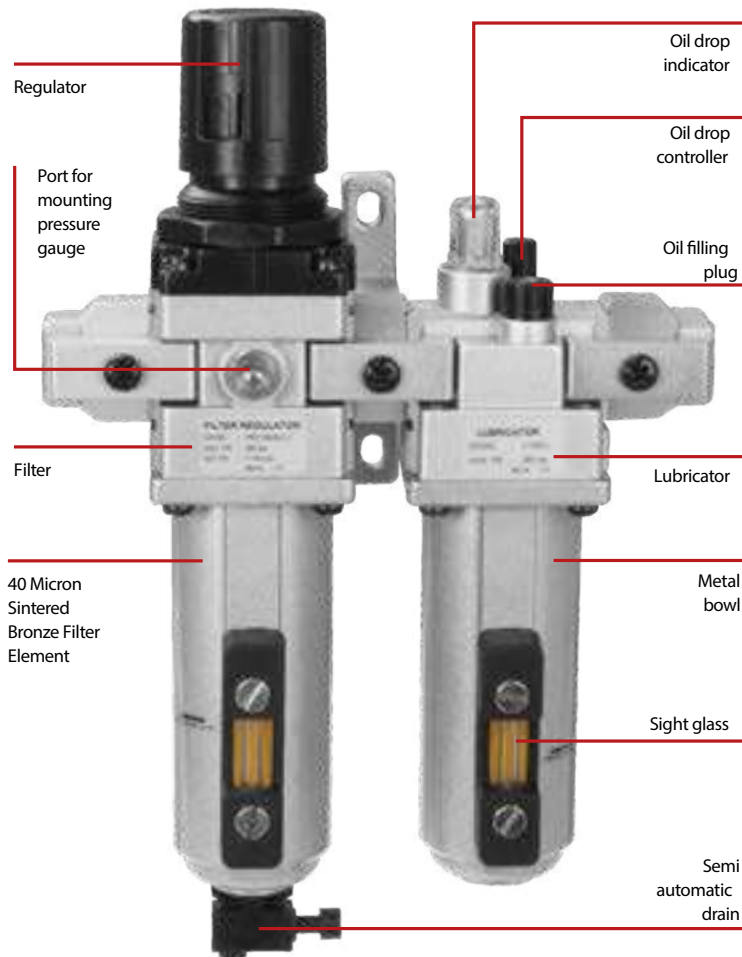
FACTORY TESTED	MAX. PRESSURE
100%	220 PSI (15 BAR)
AMBIENT TEMPERATURE	
0°C TO 60°C (32°F TO 140°F)	
PRESSURE ADJUSTMENT RANGE	
7-145 PSI (0.5-10 BAR)	

VARIANTS

MODULAR SERIES	COMPACT SERIES
Modular & Vertical Mounting	Vertical Mounting

FILTRO REGULADOR Y LUBRICADOR 2 PIEZAS

FRCLM159334-MS



ORDERING INFORMATION

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE			PRESSURE GAUGE PORT SIZE	BOWL SIZE (FILTER)		BOWL SIZE (LUBRICATOR)		HEIGHT (h)		WIDTH (w)		BOX QTY
					(INCH)	(CFM)	(LPM)		(OZ.)	(ML)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
MODULAR SERIES																	
FRCLM136134-MS	60430	FRCLM139134-MS	60480	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	5.75	146	30
FRCLM146134-MS	60429	FRCLM149134-MS	60479	Intermediate	1/4	53	1500	1/8	2.15	64	3.38	100	10.43	265	7.17	182	10
FRCLM146234-MS	60431	FRCLM149234-MS	60481	Intermediate	3/8	63	1800	1/8	2.15	64	3.38	100	10.43	265	7.17	182	10
FRCLM156334-MS	60432	FRCLM159334-MS	60482	Standard	1/2	99	2800	1/8	3.0	90	6.8	200	13	330	8.66	220	10
FRCLM176434-MS	60433	FRCLM179434-MS	60483	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.5	370	10.63	270	4
FRCLM176534-MS	60434	FRCLM179534-MS	60484	Heavy Duty	1	140	4000	1/4	5.6	165	6.8	200	14.5	370	10.63	270	4
COMPACT SERIES																	
FRCLM136134-MS/W	60830	FRCLM139134-MS/W	60840	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	3.62	92	30
FRCLM146134-MS/W	60831	FRCLM149134-MS/W	60841	Intermediate	1/4	53	1500	1/8	2.15	64	3.38	100	10.43	265	4.88	124	10
FRCLM146234-MS/W	60832	FRCLM149234-MS/W	60842	Intermediate	3/8	63	1800	1/8	2.15	64	3.38	100	10.43	265	4.88	124	10
FRCLM156334-MS/W	60833	FRCLM159334-MS/W	60843	Standard	1/2	99	2800	1/8	3.0	90	6.8	200	13	330	6.14	156	10
FRCLM176434-MS/W	60834	FRCLM179434-MS/W	60844	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.5	370	7.8	200	4
FRCLM176534-MS/W	60835	FRCLM179534-MS/W	60845	Heavy Duty	1	140	4000	1/4	5.6	165	6.8	200	14.5	370	7.8	200	4

KIT LUBRICACIÓN Y ENGRASE

GAK/7



The Ezee-Lube kit comprises of a range of quick connect lube accessories.

Useful for even the most difficult greasing jobs.

The constituents convert any grease gun fitted with jaw type coupler into special application greasing. This helps in effective lubrication of grease plugs, sealed bearings, push on greasing of recessed fittings or fittings in shoulders, low height areas or an extension for reaching those "deep" places.

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GAK/7	44950	25



BOQUILLA PARA ENGRASE ARTICULADA 360°

HC/SW/3/N

An excellent coupler for effective lubrication of difficult & hard to reach grease fittings

Jaws are fully hardened for extended service life

Hardened coupler body & swivel joints withstand high-pressure applications without deformation

Zinc plated finish

Spring loaded ball check valve helps retain pressure.

Swivels in full 360° circle & locks conveniently at any 45° position. 45° angle gives easy access to most grease fittings



Hexagonal nut allows easy tightening

FEATURES

PRESSURE	3 JAW CONSTRUCTION
<p>UPTO 7,000 PSI (483 BAR)</p>	
<p>WITH BALL CHECK</p>	<p>USE WITH HAND OPERATED GREASE GUNS</p>

ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
HC/SW/3/B	43560	1/8" BSPT	144
HC/SW/3/M	43561	M10 x 1	144
HC/SW/3/N	43562	1/8" NPT	144

PATO ENGRASE MANUAL

VGP/6A - VGP/10A VGP/15A - VGP/20



Volume Grease Pump designed for quick effortless greasing in applications requiring voluminous everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive applications etc.

Variable Handle Setting

Pump can be set for high volume or high pressure dispensing with a simple switch

Fully CNC machined to very close tolerances, the pump develops pressure upto 4,000 PSI (275 BAR)

VGP series pumps work well with

WETTED COMPONENTS

Steel, Brass, Aluminium & Nitrile Rubber

RECOMMENDED USE

For Grease up to and including NLGI 3

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	BUCKET CAPACITY		BOX QTY
				(KG)	(LBS)	
VGP/3/A	44277	-	-	3	6.5	1
VGP/6A	44280	VGP/6	44290	6	13	1
VGP/10A	44281	VGP/10	44291	10	22	1
VGP/15A	44282	VGP/15	44292	15	33	1
-	-	VGP/20	44293	20	44	1
-	-	VGP/30	44218	30	66	1



FEATURES

DEVELOPS

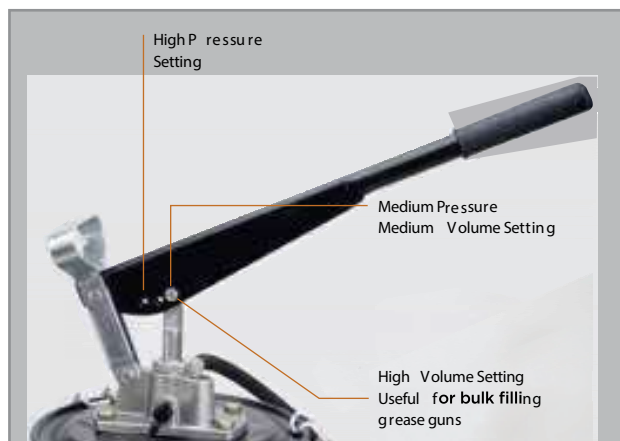


UPTO
4,000 PSI
(275 BAR)


DELIVERS

UPTO 9 GMS / STROKE
(0.30 OZ. / STROKE)
HIGH VOLUMES ET TING


VARIABLE HANDLE SETTING



High Pressure Setting

DEVELOPS	DELIVERS
 UP TO 4,000 PSI (275 BAR)	UP TO 4 GMS / STROKE

Medium Pressure - Medium Volume Setting

DEVELOPS	DELIVERS
 UP TO 3,000 PSI (275 BAR)	UP TO 7 GMS / STROKE

High Volume Setting

DEVELOPS	DELIVERS
 UP TO 2,000 PSI (275 BAR)	UP TO 9 GMS / STROKE

PATO ENGRASE ACCIONADO CON PIE

FOP/10Q



NEVER BEATEN ON PERFORMANCE!

Used for quick effortless greasing in everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive etc.

Hands Free – Fatigue Free Operation

Pump operates using the foot lever, which reduces effort & allows high pressure greasing with highest comfort. Can also be operated by hand when under low height machines.

Fill It – Forget It

Holds upto 10 kg grease, which is 25% more than similar pumps in the market.

Economical

Pump is operated by a single person & uses low cost bulk grease.

Designed To Perfection

Designed with all moving parts submerged in the same grease which needs to be pumped, thereby staying lubricated at all times.

Moving parts create wave action in grease, auto removing air pockets & eliminating the use of a follower plate

Available in two variations:

- With regular coupler
- With quick lock grease coupler

Pump delivers 2 gms of grease per stroke and develops upto 8700 PSI (600 BAR)

Works with NLGI 1 & 2 greases



ORDERING INFORMATION

CAT NR.	ORD NR.	COUPLER	DETAILS	BOX QTY.
FOP/10A	44255	With Regular Coupler	10 Kgs (22 lbs.)	1
FOP/10Q	44261	With Quick Lock Coupler	10 Kgs (22 lbs.)	1

FEATURES

DELIVERS	PRESSURE
UPTO 2 GMS/STROKE	UPTO 8,700 PSI (600 BAR)*



*Max Pressure 10,000 PSI (690 BAR)

NOTE Pump is 100% pressure tested using non food grade grease. New pumps would have some test grease inside, confirming that the pump has been factory tested

BOQUILLA ACOPLÉ RÁPIDO

HC/21/N



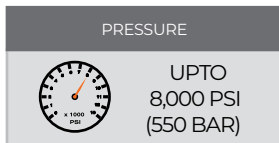
Disengaging a coupler from a grease fitting, under pressurised conditions is very difficult & often leads to broken fittings or damage to the coupler jaws

The GROZ Quick Lock Grease Couplers take away this worry with their unique 6 point contact design. Designed for quick & convenient dis-engagement of coupler from grease / zerk fittings under pressure

The engagement system moves inside the steel wall when the thumb lever is actuated. This provides additional back support to the mechanism in high pressure applications

Robust Construction
1-1/2" times stronger coupler body is heat treated to withstand high pressures without deformation

Case hardened rollers hold the coupler in position when subjected to high pressure applications



QUICK LOCK ADVANTAGE

- 1 Convenient Engagement & Dis-engagement
- 2 Easy Release
- 3 Hands free operation
Once engaged the coupler sits firm on the grease / zerk fitting & does not require to be held, as is required with regular couplers. This coupler will not move, thus allowing hands free operation.
- 4 Universal
The design permits usage on all profiles of Grease Fittings – SAE, DIN, BS etc
- 5 Robust Construction
Threaded two piece construction for easy repairs



ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS
QUICK LOCK - REGULAR		
HC/21/B	43544	1/8" BSPT
HC/21/M	43545	M10 × 1
HC/21/N	43546	1/8" NPT
HC/21/BSP	43547	1/8" BSP
QUICK LOCK - EXTRA LONG		
∅ HC/21L/B	43553	1/8" BSPT
∅ HC/21L/M	43554	M10 × 1
∅ HC/21L/N	43543	1/8" NPT

∅ New

ENGRASADORA MANUAL MINI TIPO PULSADOR 850 GR.

G3P



Specially designed push type grease gun to lubricate hammer mechanism in impact wrenches with flush type grease fittings.

Small tip opening ensures precise placement of lubricant in any application.

Die cast aluminium head with 2 threaded pockets to hold spare needle nozzles.

Compatible with most flush type fittings.

Includes needle nozzles with size:


1. 0.028" (0.7 mm)
2. 0.039" (1.0 mm)
3. 0.055" (1.4 mm)



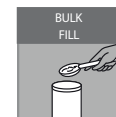
ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		OZ.	GMS	
G3P	43105	3	85	36

FEATURES

DEVELOPS	DELIVERS
 UPTO 1,000 PSI (69 BAR)	UPTO 1 OZ (28 GMS) / 95 STROKES

FILLING OPTIONS



BOQUILLA PARA ENGRASE ESTANDAR HC/11/4/N/ST54

Ideal for use with grease guns for general maintenance

Narrow coupler design for use on fittings with limited access

Milled slot for easy tightening

Fully hardened spring steel jaws


Available with or without ball check



ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
SET - PACK OF 54			
HC/11/4/B/ST54	43581	1/8" BSPT	12
HC/11/4/M/ST54	43582	M10 x 1	12
HC/11/4/N/ST54	43583	1/8" NPT	12

FEATURES

PRESSURE
 UPTO 3,000 PSI (207 BAR)

USE WITH HAND OPERATED GREASE GUNS	4 JAW CONSTRUCTION
	

ENGRASADORA MANUAL 400 GR. CON DOBLE PISTÓN

G2R/N



The High Output Greasing Solution For greasing applications requiring voluminous and frequent greasing

Built Tough

- Dual piston design for 3X output of grease per stroke
- Barrel with 0.049" (1.2 mm) wall thickness
- Heavy duty follower spring
- High tolerance CNC machined Aluminium die-cast head with air release valve
- Rolled threads for quick and easy reloading

Reduce Greasing Time To One-Third Dual piston mechanism results in triple output per stroke reducing greasing time to one-third. A time and cost saving feature especially on agricultural and construction machinery where volume and frequency of greasing is high

No Loss of Prime Dual inlet of grease ensures that gun does not lose prime

Convenience of Use Even in extreme cold weather conditions

Available in 2 Choices

- 6" (150 mm) bent steel extension and coupler
- 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler



3X
ADVANTAGE
Reduce Greasing Time To One-Third!

FEATURES

DELIVERS	MAXIMUM PRESSURE
UPTO 2.4 GM / STROKE (1 OZ / 12 STROKES)	 6,000 PSI (413 BAR)

FILLING OPTIONS



ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS
				(OZ)	(GMS)		
STEEL EXTENSION & COUPLER		FLEXIBLE HOSE & COUPLER					
G2R/B	42630	G2F/B	42640	14	400	500	1/8" BSPT
G2R/M	42631	G2F/M	42641	14	400	500	M10 x 1
G2R/N	42632	G2F/N	42642	14	400	500	1/8" NPT

ENGRASADORA MANUAL



G1R/STD/N

Hard working entry level grease gun, designed for general lubrication & daily maintenance jobs


Head with single vent hole fitted with a block nut

Air release achieved through half turn of head assembly

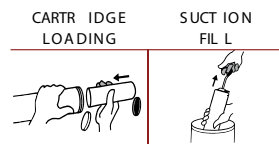
Available in 2 choices

- a. 6" (150 mm) steel extension & coupler
- b. 12" (300 mm) × 0.33" (8.5 mm) flexible hose & coupler

FEATURES

DEVELOPS	
	UPTO 6,000 PSI (413 BAR)
DELIVERS	
	UPTO 1 GMS/ STROKE (0.30 OZ. / STROKE)

FILLING OPTIONS



CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAP.	THREADS	BOX QTY
				(OZ.)	(GMS)	(CM ³)		
6" (150 MM) STEEL EXTENSION & COUPLER		12" (150 MM) FLEXIBLE HOSE & COUPLER						
STEEL HEAD								
G1R/STD/B	42400	G1F/STD/B	42420	14	400	500	1/8" BSPT	16
G1R/STD/M	42401	G1F/STD/M	42421	14	400	500	M10 × 1	16
G1R/STD/N	42402	G1F/STD/N	42422	14	400	500	1/8" NPT	16
ALUMINIUM DIE CAST HEAD								
G1R/STD/DC/B	42450	G1F/STD/DC/B	42470	14	400	500	1/8" BSPT	16
G1R/STD/DC/M	42451	G1F/STD/DC/M	42471	14	400	500	M10 × 1	16
G1R/STD/DC/N	42452	G1F/STD/DC/N	42472	14	400	500	1/8" NPT	16
POWDER COATED ALUMINIUM DIE CAST HEAD								
G23R/B	42430	G23F/B	42440	14	400	500	1/8" BSPT	10
G23R/M	42431	G23F/M	42441	14	400	500	M10 × 1	10
G23R/N	42432	G23F/N	42442	14	400	500	1/8" NPT	10

PISTOLAS DISPENSADORAS DE ACEITE, CON CUENTA LITROS



OGN/SA/1-2R/N | OM/200/OGN/RA/N

Heavy duty gun for controlling fluid deliveries in most demanding applications

Aluminium die cast construction

Built-in continuous flow switch can be activated for unattended dispensing

Swivel at inlet for easy manoeuvrability. Strainer in the swivel keeps contaminants, dust, grit etc. from entering the gun

RECOMMENDED USE

Oils with viscosity upto SAE 140

DO NOT USE WITH

Water based media, Gasoline etc.

FEATURES

FLOW RATE	MAX. WORKING PRESSURE
UPTO 30 LPM (8 GPM)	UPTO 1000 PSI (70 BAR)
WORKING TEMPERATURE RANGE	
-5°C TO 50 °C (-23°F TO 122°F)	

Electronic Display using one 3V LithiumIon battery (CR 2450)

Aluminum Die cast meter & gun body

Built-in continuous Flow switch can be activated for un-attended dispensing

Measures in Litres, US Gallons, Quarts, Pints

Easy user re-calibration

Swivel at inlet for easy maneuverability. Strainer in the swivel keeps contaminants, dust, grit etc. away from entering the gun

FEATURES

FLOW RATE	MAX. WORKING PRESSURE
1-30 LPM (0.3-8 GPM)	UPTO 1,000 PSI (70 BAR)
TEMPERATURE	
-5°C TO 50 °C (-23°F TO 122°F)	
OVAL GEAR MECHANISM	



SPECIFICATIONS

FLOW RATE	Upto 30 LPM (Upto 8 GPM)
MAX. WORKING PRESSURE	1000 PSI (70 BAR)
WORKING TEMPERATURE RANGE	-14°C to 55°C (7°F to 131°F)
INLET THREADS	1/2" BSPT (F) / 1/2" NPT (F)
IN-LINE SWIVEL	Included
OUTLET DIAMETER OF STEEL SPOUT	1/2" (12.7 mm)
INSIDE DIAMETER OF HOSE EXTENSION	1/2" (12.7 mm)

Aluminum, Steel, Brass & NBR

Aluminum, Steel, Brass & NBR

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NON DRIP NOZZLE	BOX QTY.
BSPT		NPT			
OGN/SA/1-2R/B	45706	OGN/SA/1-2R/N	45709	Automatic	20



SPECIFICATIONS

FLOW RATE	1 to 30 LPM (0.3 to 8 GPM)
ACCURACY	±0.50%
REPEATABILITY	0.20 %
MAX. WORKING PRESSURE	1000 PSI (70 BAR)
WORKING TEMPERATURE RANGE	-14°C to 55°C (7°F to 131°F)
MAX. RESETTABLE BATCH TOTAL	9,99,999 (six digits with 1 100 indicator)
MAX. NON RESETTABLE TOTALIZER	9,99,999 (six digits with 1 100 indicator)
LEAST COUNT /RESOLUTION	Upto 0.001 units
INLET THREADED	1/2" BSPT (F) / 1/2" NPT (F)
IN-LINE SWIVEL	Included
OUTLET DIAMETER OF STEEL SPOUT	1/2" (12.7 mm)
IN-LINE SWIVEL	1/2" (12.7 mm)

ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NON DRIP NOZZLE	BOX QTY.
BSPT		NPT			
OM/200/OGN/RA/B	47021	OM/200/OGN/RA/N	47041	Automatic	6

JERINGA PARA ACEITE

SG/11/BL



Rugged Transfer Guns

Designed for use with gear oils to get them both into and out of gear boxes, transfer cases and differentials

Deluxe lip seal provides maximum suction

Steel Barrel in premium powder coated finish

Fully serviceable

Needs no priming

Suitable for use with non corrosive liquids

VARIANTS

 <p>SG/10BL</p> <p>Aluminium Die Cast Head Capacity: 500 ml (16 oz.)</p>	 <p>SG/11BL</p> <p>Plated Steel Head Capacity: 500 ml (16 oz.)</p>
 <p>SG/11/XL</p> <p>Plated Steel Head Capacity: 700 ml (24 oz.)</p>	 <p>SG/1000</p> <p>Plated Steel Head Capacity: 1000 ml (32 oz.)</p>



SG / 11BL

Also available with Clear Tube Barrel

Clear Grease Guns provide quick lubricant identification eliminating the risk of mixing incompatible or unspecified lubricants. This makes them the perfect choice for food industry, army etc.

ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		(ML)	(OZ.)	
SG/10BL	45200	500	16	20
SG/11BL	45205	500	16	20
SG/11/XL	45220	700	24	10
SG/1000	45221	1000	32	10
SG/10/BL-CL	46940	400	14	16
HOSE/SG/10/12	44342	Replacement Hose		100



Barrel Only

BOMBA MANUAL PARA ACEITE

LBP/04

Most popular pump for professional use





Ribbed section aluminum die cast pumphead for maximum strength

Built-in 1-1/2" & 2" bung for use on drums with either openings

Plated steel lever handle with ergonomic rubber grip

Complete with curved metal spout & telescopic steel suction tube for use on 50 litres (15 gallon)

VARIANTS

	LBP-04	LBP/04-CL	LBP-05	LBP-96
				
DESCRIPTION	Oil & fuel pump	Oil pump with quick lubricant identification eliminating the risk of mixing incompatible or unspecified lubricants. Provides visibility to remaining oil, as well as lubricant contamination	Antifreeze pump	Antifreeze pump with non drip & bucket hangar
PUMP BODY	Powder coated steel	Polycarbonate clear tube	Powder coated steel	Powder coated steel
PISTON MATERIAL	Zinc die cast	Steel	Zinc die cast	Zinc die cast
PISTON RINGS	Brass	NBR	Brass	Brass
NON RETURN SEAL	NBR	NBR	Viton	Viton
WETTED COMPONENTS	Steel, Aluminium, Zinc, Brass,NBR	Steel, Aluminium, Polycarbonate, NBR	Steel, Aluminium, Zinc, Brass, Viton	Steel , Aluminium, Zinc, Brass, Viton
FOR USE WITH	Oil Based Fluids, Heating Oils, Motor Oils, Heavy & Light Oils, Diesel & Kerosene	Oil Based Fluids, Heating Oils, Motor Oils, Heavy & Light Oils	100% Antifreeze, Thinners, automotive additives, Industrial Chemicals, Oil based fluids & other non corrosive liquids	100% Antifreeze, Thinner , automotive additives, Industrial Chemicals, Oil based fluids & other non corrosive liquids
DO NOT USE WITH	Water Based Fluids, Solvents, Acids, Antifreeze, Gasoline etc.	Water Based Fluids, Solvents, Acids, Antifreeze, Gasoline etc.	Water Based Fluids, corrosive media, Gasoline etc.	Water Based Fluids, corrosive media, Gasoline etc.
DISCHARGE SPOUT	Plated steel discharge spout	Plated steel discharge spout	Plated steel discharge spout	Plated steel discharge spout withbuilt in aluminium die cast nondrip & bucket hangar

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION
LBP/04	44100	Lever Action Drum Pump
LBP/04-CL	46950	Lever Action Drum Pump - Clear Tube
LBP/06	44120	Antifreeze Drum Pump
LBP/96	44125	Antifreeze Drum Pump With Non Drip

BOMBA DE ROTACIÓN MANUAL



GNB/25/3R/SPL

Amongst the most popular manual pumps worldwide, the GROZ Rotary Pump is designed with unique features for maximum convenience

Dual Directional

Empty as well as refill container simply by reverse turn of the handle

Sturdy cast iron body with precisely machined cast iron vanes for better draw & smoother delivery

Rugged & Heavy Duty

Pump weighs 6.6 kg (14.5 lbs)

Complete with suction tube, 2" cast iron bung nut & discharge spout

Suitable for use on use on 50-205 litre (15-55 gallon) drums

WETTED COMPONENTS

Steel, Cast Iron, NBR / Viton

RECOMMENDED USE

For Diesel, Kerosene, Heating Oils, Motor Oils, Lubricating Oils (upto SAE 90), and other non-corrosive media

DO NOT USE

Water based media, Antifreeze, Solvents, Acids, Gasoline etc.



GNB/20T/SPL



GNB/25/3R/SPL



GNB/25/3R/PRO



R/GNB/DN/01

Rubber boot keeps rain water and contaminants away (available as spare)

CAT NR.	ORD NR.	PUMP INLET (INCH)	ORD NR.	DISCHARGE SPOUT	SUCTION TUBE	BOX QTY
GNB/20T/SPL	44000	3/4	NBR	Steel	Telescopic	5
GNB/20T/SPL	44050	1	NBR	Steel	Telescopic	5
GNB/25/3R/SPL	44052	1	NBR	Steel	3 pc Rigid	4
GNB/25V/3R/SPL	44064	1	Viton	Steel	3 pc Rigid	4
GNB/25/3R/PRO	44058	1	NBR	With 1.8 m hose & metal nozzle	3 pc Rigid	4
GNB/25T/PRO	44059	1	NBR	With 1.8 m hose & metal nozzle	Telescopic	5
R/GNB/DN/01	44092			Rubber Boot		-

ACEITERA MANUAL

PÁG.
32



MP23/RF

Complete range of oil dispensing cans in a range of sizes from 125 ml to 1 litre (4 oz. to 1 quart)

All steel construction, with the body seamless drawn from tin coated sheet in premium powder coated finish

Metal pump has 2 ball valves for large volume delivery per stroke. The suction valve at the bottom of pump is without spring, which prevents malfunctioning because of sticking valve due to resinous oil

PT SERIES

The PT series Oil cans have a modern & contemporary design with a dome shaped body. This is the most popular oil can design worldwide. Both types of oil cans are manufactured with

1. Steel Pump - Powder coated Red
2. Brass Pump - Powder coated Blue

Can be supplied with rigid steel extension, wire braided flexible spout or both



CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAPACITY	SPOUT LENGTH				BOX QTY
							(KG)	(KG)	(LBS)	(LBS)	
RIGID SPOUT		FLEXIBLE SPOUT		RIGID & FLEXIBLE SPOUT			RIGID	FLEXIBLE			
PT SERIES - LEVER TYPE - STEEL PUMP											
MP21/R	41410	MP21/F	41420	MP21/RF	41430	200 ml / 6 oz.	5	125	6	150	72
MP22/R	41411	MP22/F	41421	MP22/RF	41431	300 ml / 10 oz.	5	125	6	150	72
MP22/4/R	41412	MP22/4/F	41422	MP22/4/RF	41432	400 ml / 13 oz.	6	150	7	175	72
MP23/R	41413	MP23/R	41423	MP23/RF	41433	500 ml / 16 oz. / 1 pint	6	150	7	175	72
MP24/R	41414	MP24/F	41424	MP24/RF	41434	700 ml / 23 oz.	7	175	8	200	60
MP25/R	41415	MP25/F	41425	MP25/RF	41435	1000 ml / 1 quart	8	200	9	225	48
PT SERIES - LEVER TYPE - BRASS PUMP											
MP21/R	41610	MP21B/F	41620	MP21B/RF	41630	200 ml / 6 oz.	5	125	6	150	72
MP22/R	41611	MP22B/F	41621	MP22B/RF	41631	300 ml / 10 oz.	5	125	6	150	72
MP22/4/R	41612	MP22/4B/F	41622	MP22/4B/RF	41632	400 ml / 13 oz.	6	150	7	175	72
MP23/R	41613	MP23B/R	41623	MP23B/RF	41633	500 ml / 16 oz. / 1 pint	6	150	7	175	72
MP24/R	41614	MP24B/F	41624	MP24B/RF	41634	700 ml / 23 oz.	7	175	8	200	60
MP25/R	41615	MP25B/F	41625	MP25B/RF	41635	1000 ml / 1 quart	8	200	9	225	48
PT SERIES - PISTOL GRIP											
STEEL											
MP21/R	42220	M10/F	42225	M10/RF	42230	125 ml / 4 oz.	4	100	5	125	120
MP22/R	42221	M15/F	42226	M15R/RF	42231	180 ml / 6 oz.	4	100	5	125	120
MP22/4/R	42222	M15/BS/F WITH BASE	42227	M15R/BS/F WITH BASE	42232	180 ml / 6 oz.	4	100	5	125	120
MP23/R	42223	M40/F	42228	M40R/F	42233	500 ml / 16 oz. / 1 pint	6	150	7	175	72
BRASS PUMP											
MP21/R	42240	M10B/F	42245	M10B/RF	44250	125 ml / 4 oz.	4	100	5	125	120
MP22/R	42241	M15B/F	42246	M15B/RF	44251	180 ml / 6 oz.	4	100	5	125	120
MP22/4/R	42242	M15B/BS/RF WITH BASE	42247	M15B/BS/RF WITH BASE	44252	180 ml / 6 oz.	4	100	5	175	120
MP23/R	42243	M40B/F	42248	M40B/RF	42253	500 ml / 16 oz. / 1 pint	6	150	7	175	72

PATO ACEITERO DE PALANCA 16 LT.

OLP/16



- Pump designed for transferring transmission differentials & heavier oils
- Zinc plated pump body with aluminium die cast head & adjusting flange
- Powder coated steel drum cover
- Wear resistant brass piston rings fitted onto zinc die cast piston
- Complete with 48"/4' fuel resistant soft PVC hose with nozzle for efficient discharge
- Also available complete with steel drum

OLP/16



Available in 3 versions

a. BLP Series

- Pump with drum cover, PVC hose & nozzle

b. OLP Series

- Pump with variable handle setting for convenient use with media of different viscosities
- Complete with drum cover, PVC hose nozzle & steel bucket

c. OLP Series with Meter

- Pump with variable handle setting for convenient use with media of different viscosities
- High pressure positive displacement mechanical meter (litres) with oval gear mechanism for optimum accuracy
- Complete with drum cover, PVC hose, nozzle, steel bucket & mechanical oil meter

ORDERING INFORMATION

CAT NR.	ORD NR.	DRUM CAPACITY			PUMP LENGTH		DRUM COVER DIA		BOX QTY	
		(LBS)	(LITRES)	(GAL.)	(INCH)	(MM)	(INCH)	(MM)		
BLP SERIES										
BLP/02	44150	25-50	20	5	18	450	12	310	10	
BLP/03	44160	120	60	16	30	650	15	381	6	
OLP SERIES										
OLP/12	44180	27	12	3.17	18	450	8-13/16	224	1	
OLP/16	44181	35	16	4.23	20-5/8	524	8-13/16	224	1	
OLP/12W	44163	27	12	3.17	18	450	8-13/16	224	1	
OLP/16W	44164	35	16	4.23	20-5/8	524	8-13/16	224	1	
OLP/30W	44139	66	30	8	24	625	15	381	1	
OLP SERIES WITH METER										
OLP/30/OM100	44162	66	30	8	24	625	15	381	1	
SPARES										
HOSE/48/BLP	44340	Spare 48" soft PVC hose								

PATO ACEITEIRO DE PALANCA 16 LT.

OLP/16



VARIANTS

BLP-02	BLP-03	OLP-12	OLP-16
Use with 25-50 lbs (5 gallons / 20 litre drums)	Use with 120 lbs (16 gallons / 60 litre drums)	Complete with 12 litres powder coated steel bucket	Complete with 16 litres powder coated steel bucket
OLP-12W	OLP-16W	OLP-30W	OLP-30/OM100
Complete with 12 litres powder coated steel bucket with wheels	Complete with 16 litres powder coated steel bucket with wheels	Complete with 30 litres powder coated steel bucket with wheels	Complete with 30 litres powder coated steel bucket with wheels & mechanical meter (litres)

FEATURES

FOR BLP

DELIVERS

UPTO
60 ML (2.14 OZ)
/STROKE

FOR OLP

DELIVERS

UPTO
100 ML (3.4 OZ.)
/STROKE

INDICADOR DE NIVEL

DLI/3-4/N



An easy & cost effective means to check level of fluid remaining in a drum / tank

Fits on the small 3/4" hole on drums leaving the 2" opening free for installing pumps

Planetary gear mechanism float connected with a string moves down as the liquid level goes down in the drum.

Float is partially filled with water & changing the amount of water allows for the same unit to be used with liquids of different viscosities

Commonly used on oil & fuel drums, the float has a polyethylene construction which allows it to be used with a wide range of liquids including water, coolants etc.

Available in both litre & gallon versions

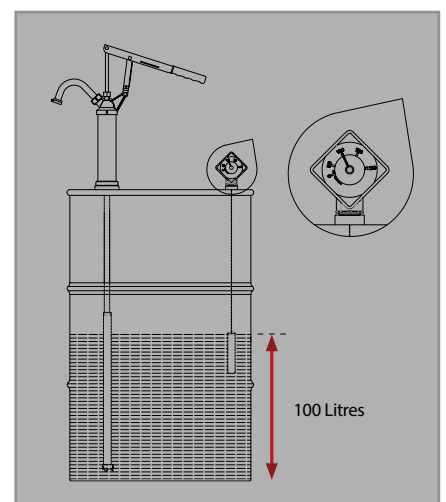


NOTE

This is not a precise measuring device. Gauge is only to give an approximate / indicative level of liquid in the drum to know when to arrange for a new drum

ORDERING INFORMATION

CAT NR.	ORD NR.	SCALE	BOX QTY.
DLI/3-4/N	48001	Litres	3
DLI/3-4G/N	48003	Gallons	36



PISTOLA PARA ENGRASE PROFESIONAL

APG/04/Z/1-4F/N



Premium quality Grease Control Valve, for use with air operated grease pumps

Provides continuous grease flow, with trigger fully pressed

Steel construction, provides durability & longevity

Ergonomically designed pistol handle

Available as valve only, or fitted with 360° Z Swivel

Comes complete with 6" steel extension & heavy duty coupler

Comes as standard on GROZ GP Series Air Operated Grease Pumps

Available in a choice of inlet thread sizes

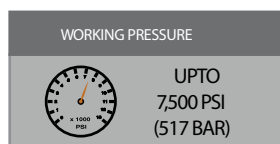


APG/04/1-4F/N
Valve only



APG/04/Z/1-4F/N
Valve fitted with Z swivel

FEATURES



ORDERING INFORMATION

CATNR.	ORD NR.	INLET THREAD SPECIFICATION	OUTLET THREAD SPECIFICATION	BOX QTY.
VALVE ONLY				
APG/04/1-8F/B	43400	1/8" BSPT (F)	1/8" BSPT (F)	25
APG/04/1-4F/B	43401	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/04/1-4F/M	43402	1/4" BSPT (F)	M10 x 1 (F)	25
APG/04/1-8F/N	43403	1/8" NPTF (F)	1/8" NPT (F)	25
APG/04/1-4F/N	43404	1/4" NPTF (F)	1/8" NPT (F)	25
VALVE FITTED WITH Z SWIVEL				
APG/04/Z/1-4F/B	43420	1/4" BSPT (F)	1/8" BSPT (F)	20
APG/04/Z/1-4M/B	43421	1/4" BSPT (M)	1/8" BSPT (F)	20
APG/04/Z/1-4F/M	43422	1/4" BSPT (F)	M10 x 1 (F)	20
APG/04/Z/1-4F/N	43423	1/4" NPTF (F)	1/8" NPT (F)	20
APG/04/Z/1-2-27M/N	43424	1/2" -27 NS (M)	1/8" NPT (F)	20

WARNING

Skin Injection Hazard. Keep away from nozzle

CAUTION

The gun is continuous action. Be careful not to over lubricate

PISTOLA DE ENGRASE CON VÁLVULA DE PRESIÓN

APG/PR/Z/1-4F/N



Heavy Duty Grease Control Valve with built-in pressure boost mechanism

Continuous flow with pistol handle fully pressed

Pressure boost achieved through repeated actuation of the pistol handle

Boosts line pressure from 6,000 PSI (400 BAR) to 10,000 PSI (690 BAR); extremely useful to unblock frozen grease fittings

Heavy Duty steel construction,

Available in two models

- Booster Grease Control Valve
- Booster Grease Control with pressure relief valve

Available configuration

- Valve only
- Fitted with 360° Z Swivel

Comes complete with 6" (150 mm) steel extension & coupler

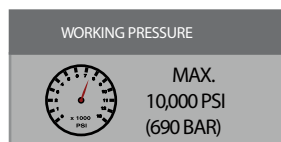


Pressure Relief Valve

APG-PR

Booster Grease Control with pressure relief valve. Opening the relief valve removes high pressure from the coupler enabling easy coupler dis-connection from the zerk fitting. Complete with 3 Jaw Professional coupler without ball check

FEATURES



ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREAD SPECIFICATION	OUTLET THREAD SPECIFICATION	BOX QTY.
CONTROL HANDLE WITH PRESSURE RELIEF VALVE				
APG/PR/1-8F/B	43460	1/8" BSPT (F)	1/8" BSPT (F)	25
APG/PR/1-4F/B	43461	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/PR/1-4F/M	43462	1/4" BSPT (F)	M10 x 1 (F)	25
APG/PR/1-8F/N	43463	1/8" NPTF (F)	1/8" NPT (F)	25
APG/PR/1-4F/N	43464	1/4" NPTF (F)	1/8" NPT (F)	25
CONTROL HANDLE WITH PRESSURE RELIEF VALVE & Z SWIVEL				
APG/PR/Z/1-4F/B	43465	1/4" BSPT (F)	1/8" BSPT (F)	20
APG/PR/Z/1-4M/B	43466	1/4" BSPT (M)	1/8" BSPT (F)	20
APG/PR/Z/1-4F/M	43467	1/4" BSPT (F)	M10 x 1 (F)	20
APG/PR/Z/1-4F/N	43468	1/4" NPTF (F)	1/8" NPT (F)	20
APG/PR/Z/1-2-27M/N	43469	1/2"-27 NS (M)	1/8" NPT (F)	20



APG

Booster Grease Control Valve. Complete with heavy duty 4 jaw coupler with ball check

WARNING

Skin Injection Hazard.
Keep away from nozzle

CAUTION

The gun is continuous action.
Be careful not to over lubricate.

PISTOLA PARA COMBUSTIBLE



FCNA/0-1/N

For use with electric fuel pumps

Dual Mode - Manual & Automatic

Sensor built into the discharge spout outlet automatically shuts off supply once fuel level in the tank reaches that of the outlet discharge spout

Heavy duty cast aluminum body, trigger & guard from thermoplastic & protective vinyl grip on the nozzle body

Available both with & without swivel

WETTED COMPONENTS

Aluminium, Viton, Steel*

* only on models with swivel

RECOMMENDED USE

Diesel, Kerosene, Leaded & Unleaded Gasoline

NOZZLE WITHOUT SWIVEL



WITH STRAIGHT SPOUT



WITH CURVED SPOUT

NOZZLE WITH SWIVEL



WITH STRAIGHT SPOUT



WITH CURVED SPOUT

FLUIDS

DIESEL	KEROSENE	GASOLINE

FEATURES

FLOW RATE	MAX. WORKING PRESSURE
UPTO 110LPM (29GPM)	UPTO 50 PSI (3.45 BAR)

ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	FLOW RATE		SPOUT DIA (OD)		SPOUT DIA (ID)	SPOUT TYPE	SPOUT LENGTH		BOX QTY	BOX QTY	BOX QTY
			(LPM)	(GPM)	(LPM)	(GPM)			(INCH)	(MM)			
NOZZLE WITHOUT SWIVEL													
WITH STRAIGHT SPOUT													
FCNA/3-4/N	45570	3/4" NPT (F)	60	15.87	13/16	21	17	Straigth	7	180	No	Black	12
WITH CURVED SPOUT													
FCNA/3-4A/N	45576	3/4" NPT (F)	60	15.87	13/16	21	16	Curved	6.3	160	Yes	Black	12
FCNA/3-4B/N	45577	3/4" NPT (F)	60	15.87	13/16	24	19.5	Curved	6.3	160	Yes	Black	12
FCNA/0-1/N	45571	1" NPT (F)	100	26.45	1-1/16	27	21	Curved	5-1/2	140	Yes	Black	12
FCNA/0-1T/GN/N	45566	1" NPT (F)	110	29.05	1-3/16	30	25	Curved	5-1/2	140	Yes	Green	12
NOZZLE WITH SWIVEL													
WITH STRAIGHT SPOUT													
FCNA/S/3-4/BSP	45572	3/4" BSP (F)	60	15.87	13/16	21	17	Straigth	7	180	No	Black	12
WITH CURVED SPOUT													
FCNA/S/3-4A/BSP	45578	3/4" BSP (F)	60	15.87	13/16	21	16	Curved	6.3	160	Yes	Black	12
FCNA/S/3-4B/BSP	45579	3/4" BSP (F)	60	15.87	15/16	24	19.5	Curved	6.3	160	Yes	Black	12
FCNA/S/0-1/BSP	45574	1" BSP (F)	100	26.45	1-1/16	27	21	Curved	5-1/2	140	Yes	Black	12
FCNA/S/0-1T/GN/BSP	45587	1" BSP (F)	110	29.05	1-3/16	30	25	Curved	5-1/2	140	Yes	Green	12

KIT COMBUSTIBLE INCLUYE BOMBA



CBN/220EU/L/A

A compact & convenient system designed for all stationary diesel refilling applications

Extremely versatile, the bowser can be installed directly on a wall, on an existing structure with screws or directly on a tank

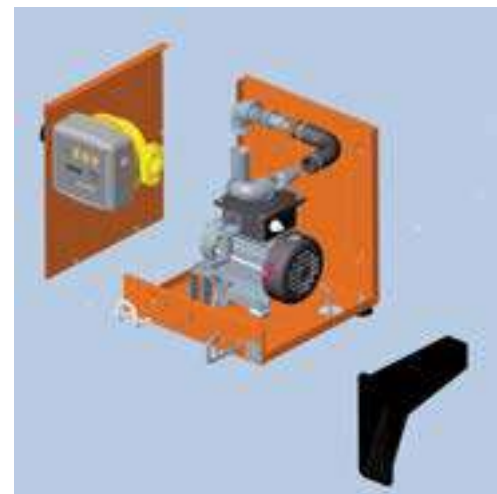
Complete system consists of:

- a. Continuous duty self priming diesel pump
Self priming, vane pump with an internal bypass valve is equipped with a self ventilated, 1/2 HP motor with thermal overload protection for continuous usage
- b. Mechanical Fuel Meter
Nutating disc mechanical meter, flow rate of 20-120 LPM (5-30 GPM) & pressure rating 145 PSI (10 BAR)
- c. Fuel Control Nozzle – Automatic
Sensor in the discharge spout outlet automatically shuts off supply when fuel level in the tank reaches the discharge spout
The nozzle is equipped with a swivel at the inlet for convenience in usage
- d. Nozzle Holder
In-built into the metal casing for keeping hose safe when not in use
- e. Anti static fuel hose
3.6m (10.5') × 1" (ID) long
- f. Hose Hangar
For safe storage of nozzle

All encased in a sturdy weather proof metal housing



Internal Parts



FEATURES

FLOW RATE	METER ACCURACY
UPTO 44 LPM (11 GPM)*	± 1%

*Measured at nozzle outlet

FLUIDS

DIESEL	KEROSENE

KIT COMBUSTIBLE INCLUYE BOMBA

PÁG.
40

CBN/220EU/L/A



VARIANTS

		
DESCRIPTION	115V AC	220V AC
INLET / OUTLET	1" NPT (F)	1" BSP (F)
PUMP MOTOR	1/2 HP 115V AC, 60 Hz	1/2 HP 220V AC, 50 Hz
PUMP RPM	3400	2700
DUTY CYCLE	Continuous Duty	Continuous Duty
POWER CABLE LENGTH	6-3/4' (2m)	6-3/4' (2m)
METER ACCURACY	± 1%	± 1%
METER LEAST COUNT	0.10 gallons	0.10 litres
MAX. RESETTABLE BATCH TOTAL	99.9 gallons	999.9 litres
MAX. NON RESETTABLE TOTALIZER	99999.9 gallons	999999 Litres
HOSE LENGTH	10-1/2 ft long x 1" ID	3.6m x 1" ID

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	INLET / OUTLET	BOX QTY.
CBN/115US/G/A	45676	1/2 HP 115V AC, 60 Hz	1" NPT	1
CBN/220EU/L/A	45675	1/2 HP 220V AC, 50/60 Hz. Power Cord	1" BSP	1

BOMBA DE REFUERZO ROTATIVA 3:1

RB/3H



Geared rotary drum pump with 3 times discharge per rotation

For every complete handle turn, the rotor turns 3 times

Ideal for volume dispensing, such as on construction sites, workshop, aviation, farms / ranches, boats etc.

Die Cast Aluminum construction with sintered gear driven die cast zinc rotor & vanes

Complete with 3 pc threaded suction tube for use on 50-205 litre (15-55 gallon) drums

WETTED COMPONENTS

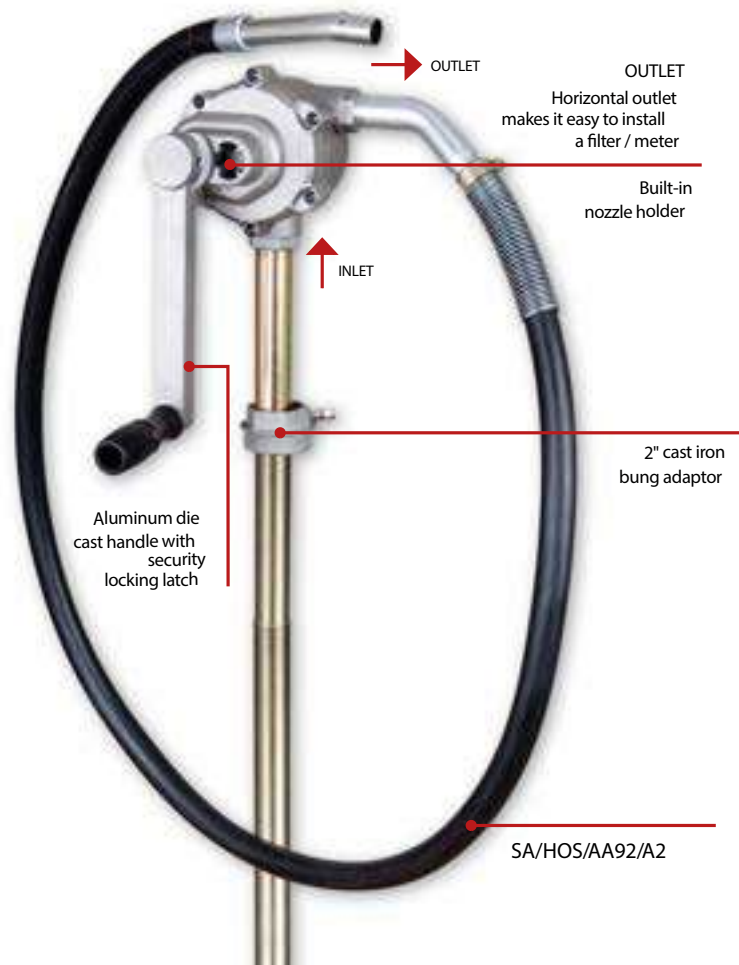
Aluminum, Zinc, Steel, NBR & PVC Nitrile*
(*only on RB/3H)

RECOMMENDED USE

Gasoline, Diesel & Kerosene

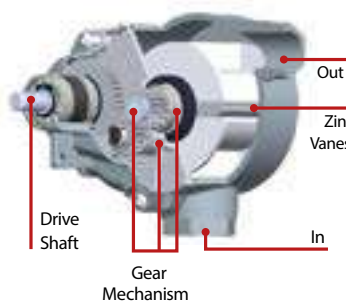
DO NOT USE WITH

With Corrosive liquids, solvents, acids, alkalis etc.



VARIANTS

RB/3	RB/3H
With metal outlet spout	With 8' (1.8 m) delivery hose & metal nozzle



WARNING

Note that fuels containing Ethanol will cause more frequent replacement of rubber parts

Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump

FEATURES

FLOW RATE	2 VANE PUMP
UPTO 205 LITRES (55 GALLON) IN 3 MIN	

FLUIDS

GASOLINE	DIESEL	KEROSENE

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION
RB/3	44201	With metal outlet spout
RB/3H	44198	With 8' (1.8m) delivery hose & metal nozzle
SPARE		
ZSA/HOS/AA92/A2	44339	Spare hose 8' (1.8 m) discharge hose with metal nozzle, spring & hose clamp

BOMBA ANTI CHISPA DE BRONCE PARA COMBUSTIBLE



BLG/1

Portable hand pumps for clean, quick, hassle free transferring or evacuating of a wide variety of media including Engine Oil, Coolants, Transmission Fluid, Power Steering Fluid, Oils, Diesel, Water, Antifreeze etc.

Non corroding premium brass construction & hand removable NBR caps

Small & lightweight, these fit easily in a tool box or the trunk of a car

Self priming

Fully serviceable with no threaded parts

For use on cars, boats, motorcycles, ATV's, lawn & garden equipment etc.



ORDERING INFORMATION

CAT NR.	ORD NR.	OVERALL LENGTH		BOX QTY.
		(INCH)	(MM)	
BLG/1	44520	10-1/2	265	20
BLG/2	44521	17	430	15

TEMPERATURE
MAX. 60°C (140°F)

VARIANTS

BLG/1	BLG/2
<p>1-1/4" (32 MM) suction hose for dip stick hole</p>	<p>1-1/4" (32 MM)</p>
<p>Complete with</p> <p>a. 24" (600 MM) of 1/2" (12 MM) dia. discharge hose</p> <p>b. 40" (1000 MM) of 1/4" (6 MM) dia. of suction hose</p> <p>Used for</p> <ul style="list-style-type: none"> • Draining out oil from crank case or ATF through dipstick hole; from under the hood & not under the car • Cleaning sludge accumulation from oil filter case • Removing water from radiator to add antifreeze or to service thermostat or pump • Draining stopped sinks • Transferring fluids from one container to another, without lifting • Pumping water out of small boats 	<p>Complete with</p> <p>a. 60" (1500 MM) of 1/2" (12 MM) dia. discharge hose</p> <p>Ideal for use as</p> <ul style="list-style-type: none"> • A Transfer / Bilge pump with Oils, Diesel, Water, Antifreeze etc.
<p>FLOW RATE</p> <p>UPTO</p> <p>100 ML (3.30 OZ.) / STROKE</p>	<p>FLOW RATE</p> <p>UPTO</p> <p>250 ML (8.50 OZ.) / STROKE</p>

BOMBA DE PALANCA PARA DIESEL

PLP/20



Lever Action Drum Pump suitable for use with fluids of varying viscosities

Construction:

Polypropylene body, handle and outlet spout

Stainless Steel piston rod and Viton seal

Strainer built into suction tube inlet to keep contaminants away

Complete with

a. Two piece telescopic suction tube for use with 50-205 litres (15-55 gallons) drums

b. Outlet spout

WETTED COMPONENTS

Polypropylene, Viton, Stainless steel

RECOMMENDED USE

Petroleum-based non-corrosive liquids

Fuels: Diesel, Kerosene
Light oils, Low viscosity lubricants, Acetone, Anti-freeze, Ammonium Hydroxide, Glycerine, Alcohols, Water, Water based chemicals. Weaker acids, Mild solvents and Alkaline solutions.

DO NOT USE WITH

Lubricant or liquids above 100 cst or any media not compatible with materials used in the pump construction

FEATURES

WORKING TEMPERATURE	PISTON PUMP
-5°C TO 45°C (23°F TO 113°F)	

FLUIDS

WATER	DIESEL	KEROSENE	OIL
ACIDS	CHEMICAL	ANTIFREEZE	

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
PLP/20	44113	10



VARIABLE HANDLE SETTING

FLOW SETTING	LOW FLOW 1	MEDIUM FLOW 2	HIGH FLOW 3
FLOW RATE*	Upto 270 ml (9 Oz.) /Stroke	Upto 350 ml (12 Oz.) /Stroke	Upto 430 ml (15 Oz.) /Stroke
TYPE OF FLUIDS	Lubricants or liquids under 35 cst	Anti-freeze, Alcohols, Water, Water based chemicals, low viscosity lubricants	Diesel, Kerosene, Petroleum-based non-corrosive liquids upto 100 cst

* Measured at pump outlet. Tested using water

BOMBA MANUAL PARA COMBUSTIBLE DIESEL Y E85

LBP/85



Rugged all steel construction

Fracture proof design with steel pump head & 2" bung

Extra long pump body makes it easy to place refill containers on the drum for convenient filling

Complete with telescopic suction tube for use on 50–205 litres (15-55 gallons) drums

WETTED COMPONENTS

Steel, Viton

RECOMMENDED USE

Light Oils, Diesel, Bio Diesel & E85 fuels

DO NOT USE WITH

Corrosive liquids, Solvents, Acids, Alkalis etc.



WARNING

Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump

FEATURES

FLOW RATE	PISTON PUMP
UPTO 300 ML (10 OZ.) / STROKE	

ORDERING INFORMATION

CAT NR.	ORD NR.	FOR USE ON	BOX QTY.
LBP/85	44109	50-205 litre (15-55 gal.) drums	10

FLUIDS

OIL	DIESEL	E85 FUEL	BIO DIESEL	KEROSENE

CUENTA LITROS MECÁNICO PARA COMBUSTIBLE

FM-100/0-1/N



World class Mechanical Fuel Meter, extremely compact, yet easy to read

Nutating Disc Mechanism offers hightolerance to fuel contamination

Robust aluminum die cast construction

3 Port Design

The meter can be used:

- In-Line
- At 90 Degrees
Inlet & outlet ports at right angle

Register cap can be easily removed & rotated to every 90° orientation for convenient read out

Easy user re-calibration

For use with electric fuel pumps or gravity flow (with a minimum gravity head of 4')

Available in litre/gallon version in a choice of 3/4" or 1" threads

WETTED COMPONENTS

Aluminum, Poly Butylene Terephthalate (PBT), Viton, Stainless Steel


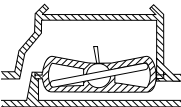
RECOMMENDED USE

Diesel, Gasoline, Low to Medium Viscosity Oils

DO NOT USE WITH

Water based media

FEATURES

FLOW RATE	MAX. WORKING PRESSURE
15-75 LPM (4-20 GPM)	 50 PSI (3.5 BAR)
WORKING TEMPERATURE RANGE	NUTATING DISC MECHANISM
-10° TO 65 °C (14°F TO 150 °F)	







SPECIFICATIONS

FLOW RATE	15 to 75 LPM (4-20 GPM)
ACCURACY	± 2%
REPEATABILITY	± 1%
MAX. WORKING PRESSURE	50 PSI (3.5 BAR)
WORKING TEMPERATURE RANGE	-10°C to 65°C (14°F to 159°F)t
MAX. RESETTABLE BATCH TOTALIZER	9999.9 Litres or 999.9 Gallons
MAX. NON RESETTABLE BATCH TOTALIZER	999999 Litres or 99999.9 Gallons
LEAST COUNT / RESOLUTION	0.10 Litres or 0.10 Gallons

ORDERING INFORMATION

CAT NR.	ORD NR.	MEASUREMENT	THREADS	BOX QTY.
FM-100/3-4/BSP	45680	Litres	3/4" BSP (F)	12
FM-100/3-4/N	45681	Litres	3/4" BSP (F)	12
FM-100G/3-4/N	45682	Gallons	3/4" BSP (F)	12
FM-100/0-1/BSP	45683	Litres	1" BSP (F)	12
FM-100/0-1/N	45684	Litres	1" NPT (F)	12
FM-100G/0-1/N	45685	Gallons	1" NPT (F)	12

FLUIDS

DIESEL	BIO DIESEL	OIL	GASOLINE
			

BOMBA ROTATIVA PLÁSTICA

PRP/01 PRP/10



application pumps designed for use with media that cannot be pumped using a regular cast-iron or steel pump

Choice of 4 configurations built using different materials for handling mild to very aggressive media

Pump body & Handle are constructed using Glass Filled Polypropylene

Vanes made out of Ryton

Dual directional operation: Pumps in either direction by a few reverse turns of the handle

*for PRP/02 & PRP/10 only

Complete with 3 pc threaded suction tube for use on 50-205 litres (15-55 gallons) drums

FEATURES

FLOW RATE
UPTO 5 LITRES (1.3 GAL.) PER 20 TURNS

Below tabulation details construction & application details of the 4 pump types:

	ERP/01	PRP/01	PRP/02	PRP/10
DESCRIPTION	Standard	Professional	DEF / Adblue	Heavy Duty
BODY COLOUR	Black	Yellow	White	Blue
ROTOR MATERIAL	PPCP	Ryton	Polypropylene	Ryton
HANDLE MATERIAL	PPCP	40% Glass Filled PP	40% Glass Filled PP	Aluminum Die Cast
SHAFT SEAL	Viton	Viton	Viton	PTFE
FASTENERS	Steel	Stainless Steel	Stainless Steel	Stainless Steel
INLET THREADS	Custom	Custom	Custom	3/4" BSP (F)
OUTLET THREADS	Custom	Custom	Custom	3/4" BSP (F)
DISCHARGE TUBE MATERIAL	PPCP	PPCP	PPCP	Stainless Steel SS 304
SUCTION TUBE	PPCP	PPCP	PPCP	Stainless Steel SS 304
STRAINER AT SUCTION TUBE INLET	Yes	Yes	Yes	No
NON RETURN VALVE AT SUCTION TUBE INLET	Yes	Yes	No	No
BUNG ADAPTOR MATERIAL	PPCP	PPCP	PPCP	Cast Iron
BUNG ADAPTOR SPEC.	2" for Metal Drums	2" for Metal Drums & 2nd adaptor for Plastic Drums	2" for Metal Drums & 2nd adaptor for Plastic Drums	2" for Metal Drums
WETTED COMPONENTS	Polypropylene, Ryton, Viton	Polypropylene, Ryton, Viton	Polypropylene, Ryton, Viton	Polypropylene, Ryton PTFE, Stainless Steel
TYPICAL USE	Infrequent / Light Use	Heavy Use	Medium Use	Tough Use

BOMBA ROTATIVA PLÁSTICA

PRP/01, PRP/10



VARIANTS

ERP/01	PRP/01	PRP/02	PRP/10
			 <p>3/4" Inlet & Outlet threads on the pump also make it suitable for use on IBC's/ Totes, connecting with standard fittings</p>
<p>RECOMMENDED USE Light Oils, Antifreeze</p> <p>DO NOT USE WITH Acids, Chemicals, Solvents etc.</p>	<p>RECOMMENDED USE Acids, Chemicals, Water based media, antifreeze, detergents, Urea, Adblue, DEF, Benzene, Glycerine etc.</p> <p>DO NOT USE WITH Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.</p>	<p>RECOMMENDED USE DEF, Adblue, Urea</p> <p>DO NOT USE WITH Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none"> • Esters- Ethyl Acetate • Alcohols- Benzyl Alcohol, Butyl Alcohol, Methyl Alcohol • Acetone, MEK • Bases- Ammonium Hydroxide, Potassium Hydroxide, Sodium Hydroxide, Baking Soa, detergents etc. • Hydrocarbons- Ethylene Glycol, Naptha, Fuel Oils, Phenol • Water Based Media • Urea, Adblue, DEF <p>DO NOT USE WITH With Benzoic Acid, Gasoline, lacquer Thinners, Bleach, Benzene, Toluene, Xylene, Turpentine, Jet Fuel etc.</p>

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
ERP/01	44196	6
PRP/01	44191	6
PRP/02	44145	6
PRP/10	44144	6

RECOGEDOR PARA ACEITE USADO DE 67 LT.

WOD/68A



Oil Drain with wheel mounted tank

A range of special Suitable for gravity draining of motor, engine, gearbox & differential oils, transmission & power steering fluids etc. from all types of motor vehicles placed on auto lift or a pit

Durable all-steel design and re-inforced castors

Centrally mounted 10 litres (10.50 qt.) capacity bowl is height adjustable & can be optimally positioned for oil draining and other maintenance operations

Designed for excellent mobility, easy bowl positioning & simple to use pressurized evacuation

Complete with a 14" (355mm) telescopic bowl that can be adjusted from 45" (1143 mm) to 72" (1828 mm)

68 litre (18 gallon) tank includes a pre-set air regulator that allows the use of standard compressed air up to 150 PSI (10 BAR)

Tank includes a safety valve and a reinforced dispensing hose that doubles as a sight gauge to prevent overfilling

Not for use with fuels and corrosive media

SPECIFICATIONS

TANK CAPACITY	68 Litre / 18 Gallons
MAX. COLLECTION CAPACITY	55 Litre / 14.5 Gallons
BOWL CAPACITY	10 Litres / 10.50 Quarts
BOWL INNER DIAMETER	14" (355 mm)
LENGTH OF DRAINING HOSE	2 meter
MAXIMUM HEIGHT	72" (1828 mm)
MINIMUM HEIGHT	45" (1143 mm)
RECOMMENDED DRAINING PRESSURE	8 PSI (0.5 BAR)

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
WOD/68A	44601	1



Lockable front wheels provide stability to the unit



Bowl fitted with anti-splash screen



Used oil being drained from vehicle in an automotive workshop

RECOGEDOR PARA ACEITE USADO DE 30 LT.

WOD/30G



Oil Drain with wheel mounted tank

Suitable for gravity draining of motor, engine, gearbox & differential oils, transmission & power steering fluids etc. from all types of motor vehicles placed on auto lift or a pit.

Durable all-steel design and re-enforced castors; the unit provides a safe & affordable option for draining, transferring & evacuating used oil.

Centrally Mounted 10 Litres (10.50 qt.) capacity bowl is height adjustable & can be optimally positioned allowing oil draining as well as other maintenance operations

Bowl comes fitted with Anti Splash Screen Designed for excellent mobility, easy bowl positioning & simple to use gravity evacuation

Comes complete with a 14" (355 mm) telescopic bowl with height adjustment option

Tank comes fitted with Sight Gauge to check waste oil level & a Ball Valve to drain out oil

Not for use with fuels and corrosive media.



Bowl fitted with
Anti-Splash Screen



Telescopic,
10 litre
capacity bowl

Sight
Gauge

Ball
Valve

SPECIFICATION

	WOD-30G	WOD-50G
TANK CAPACITY	30 Litre / 8 Gallons	50 Litre / 13 Gallons
BOWL CAPACITY	10 Litres / 10.50 Quarts	10 Litres / 10.50 Quarts
BOWL INNER DIAMETER	14" (355 mm)	14" (355 mm)
MAXIMUM HEIGHT	55" (1400 mm)	63-1/2" (1613 mm)
MINIMUM HEIGHT	40" (1016 mm)	40" (1016 mm)

ORDERING INFORMATION

CAT NR.	ORD NR.	TANK CAPACITY		BOX QTY.
		(LITRES)	(GALLONS)	
WOD/30G	44610	30	8	1
WOD/50G	44611	50	13	1

BANDEJA DE DRENAJE

ODP/16



High density polyethylene construction

Chemical / solvent resistant

Designed to ship in nested form

Approximate size

23.22"x18.43"x5.78"
(590 x 468 x 147 mm)



VARIANTS

ODP/16



RECOMMENDED USE
Waste Oil

ODP/16/GN



RECOMMENDED USE
Antifreeze



Designed to ship in nested form

ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		COLOUR	RECOMMENDED USE	BOX QTY.
		(LITRE)	(GALLON)			
ODP/16	41960	16	4-1/4	Black	Waste Oil	15
ODP/16/GN	41961	16	4-1/4	Green	Antifreeze	15



BANDEJA RECOGEDORA DE ACEITE 65 LT.

TD/HD/17E/220/EU



Designed for use with heavy-duty Trucks, Buses, RV's & other low profile automobiles to collect waste fluids such as motor oil and transmission fluid, coolant etc.

65 litre (17 gal.) capacity reservoir moulded from robust, lightweight high-impact polyethylene.

Unique & Innovative Design

- Low height 7-3/4" (195 mm) eliminates the need to lift the vehicle for changing oil or coolant
- Space saving: flat front end to store drain vertically when not in use.
- Top of drain designed with deep compartments for safe storage of nuts & bolts during maintenance
- Detachable handle
- Additional hanger for safe storage of handle when not in use
- Equipped with level indicator to indicate volume of waste oil in the tank

2 Drain Plugs

a. Side Plug

For gravity draining

b. Bottom Plug

For complete drainage of the tank

Removable anti splash tray prevents solid particles/debris of above 0.10" (2.5 mm) dia. to enter into the tank

Hose hanger for safe keeping the hose when not in use

4" (100 mm) nylon castors for easy movement

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	DISCHARGE HOSE- 6' (1.8 M)	FEEDER HOSE- 1.25' (380 MM)	STEEL SPOUT	PUMP FLOW RATE	BOX QTY.
TD/HD/17G	45815	Gravity Drain	Yes	No	Yes	-	1
TD/HD/17P	45816	Truck Drain with Manual Rotary Pump	Yes	Yes	Yes	1 litre (0.25 gal.)/ 5 strokes	1
TD/HD/17E/12	45817	Truck Drain with 12 V DC Electric Oil Pump	Yes	Yes	Yes	Upto 17 LPM (4.5GPM)	1
TD/HD/17E/115/US	45818	Truck Drain with 115 V AC Electric Pump	Yes	Yes	Yes	Upto 23 LPM (6GPM)	1
TD/HD/17E/220/EU	45819	Truck Drain with 220 V AC Electric Pump	Yes	Yes	Yes	Upto 23 LPM (6GPM)	1



Available in 3 Versions

- Truck Drain - Without Pump
- Truck Drain with Manual Rotary Pump
- Truck Drain with Electric Oil Pump

- Flexible impeller design electric oil pump for pumping high viscosity fluids at high flow rate
- UL Listed Motor with thermal overload protection
- Duty Cycle 45 min On / 45 min Off

RECOMMENDED USE

Diesel, Kerosene, Lubricating Oil (upto SAE 90), Non Corrosive Media, Waste Fluids including Motor Oil, Transmission Fluids, Coolant etc.

EMBUDO INTELIGENTE

FNL/9B



Heavy duty polyethylene construction.

Designed with special contours in the funnel body for easy handling Anti-splash & spill proof, with rim of the funnel curved in.

Complete with wire mesh screen, dust cover & flexible spout.

Available in 2 sizes. The larger size is available both with and without drum bung attachment, which allows the funnel to be mounted direct onto drums with 2" threaded opening.

Manufactured in translucent white to give a clear view of media.



VARIANTS

FNL-8	FNL-9	FNL-9B
		
<ul style="list-style-type: none"> Capacity: 1.7 Litre (1.7 Qt.) Dia: 8" (205 mm) 	<ul style="list-style-type: none"> Capacity: 3.0 Litre (3 Qt.) Dia: 9-1/2" (240 mm) 	<ul style="list-style-type: none"> Capacity: 3.0 Litre (3 Qt.) Dia: 9-1/2" (240 mm) Complete with 2" bung for direct attachment to a drum



Connects directly to drums with 2" opening



Spill proof funnel design



ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		MAJOR DIA.		SPOUT LENGTH		BOX QTY.
		(LITRE)	(QUART)	(INCH)	(MM)	(INCH)	(MM)	
FNL/8	41920	1.7	1.7	8	205	6-11/16	170	15
FNL/9	41921	3	3	9-1/2	240	9-5/8	245	15
FNL/9B	41922	3	3	9-1/2	240	9-5/8	245	15

EMBUDO DE MEDICIÓN

MFNL/2BC



Funnel & measure built into one!

A funnel with graduations that can be used for transferring measured quantity of fluid without any spills or splash

Measures in US quarts & litres

Simple press of lever dispenses media. Releasing the lever stops outflow

Heavy duty polyethylene construction

Built in metal sieve ensures a contaminant free transfer

WETTED COMPONENTS

Polyethylene, Aluminum, Steel, NBR

RECOMMENDED USE

Diesel, Gasoline, Kerosene, Oils etc.

DO NOT USE WITH

Water Based Media



Available in different configurations with lid & base



Built in metal sieve ensures a contaminant free transfer



Funnel filled with oil



Press lever to start outflow



Measured quantity of oil transferred using the funnel

FEATURES

CAPACITY	GRADUATION
2 QUART (2 LITRE)	1/4 QUART (0.25 LITRE)

NOTE

Must not be used to measure media for sale / commercial use

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
MFNL/2	41980	Funnel only	10
MFNL/2B	41981	Funnel with base	10
MFNL/2C	41982	Funnel with dust cap	10
MFNL/2BC	41983	Funnel with base and dust cap	10

EMBUDO DE ACEITE UNIVERSAL

FNL/UV/25-80F



Universal funnel for refilling of engine oil, coolant, diesel, gasoline etc. in vehicles, tractors, earthmovers, gensets etc.

Unique & Innovative Design

- Spring loaded, glass filled plier is adjustable for openings ranging from 1" (25 mm) upto 3-1/8" (80 mm)
- The same funnel is suitable for almost all vehicles openings

No Spill, No Mess, Hands Free

- Adjustable clamp ring can be used to screw the funnel on different base heights with the plier
- Funnel sits tight without wobbling; hands free operation & no mess due to fluid spill

Interchangeable Funnel

- Plastic funnel easily slides out and can be replaced by any other funnel

WETTED COMPONENTS

Polypropylene, Polycarbonate

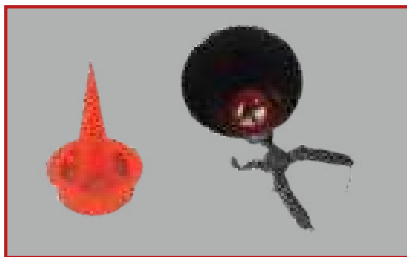
RECOMMENDED USE

Light, Medium and High Viscosity Oils, Diesel, Detergents & Gasoline.

DO NOT USE WITH

Urea, Kerosene, Lacquer, Lacquer Thinner, Hydrochloric Acid, Aromatic Hydrocarbons

Also available with Seal Piercing Filter



- Filter pierces through the seal on the bottle /pack eliminating the need to manually remove the seal
- Helps in direct transfer of oil from oil bottles/packs & prevents contamination of oil

ORDERING INFORMATION

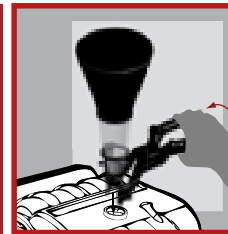
CAT NR.	ORD NR.	MIN. FILL DIA.		MAX. FILL DIA.		TYPE	BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)		
FNL/UV/25-80	41940	1	25	3-1/8	80	Funnel only	12
FNL/UV/25-80F	41941	1	25	3-1/8	80	Funnel with seal piercing filter	12



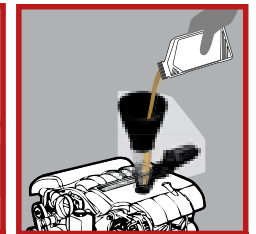
Setting the Funnel



Thread funnel into the clamp ring



Adjust the clamp ring



Start refilling the fluid into the engine

Interchangeable Funnel



Thread funnel into the clamp ring

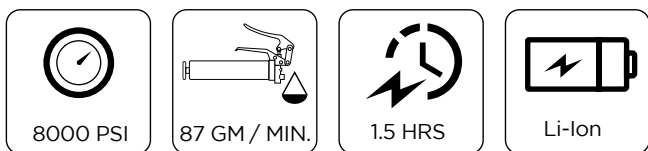


Adjust the clamp ring



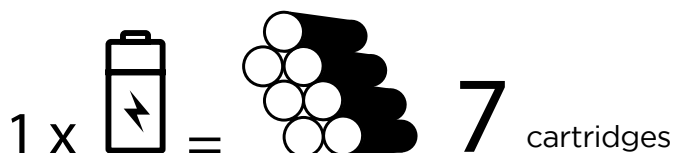
PISTOLA ENGRASADORA INALÁMBRICA

RGG/12L



Pumps 3 times higher than manual grease guns
 Robust aluminium die cast head fitted with air release valve
 Barrel in premium powder coated finish
 Inbuilt, lightweight & compact battery :

- 2000 mAh Lithium-Ion battery powers the 12V motor
- Empties upto 7 (14oz./400gms) grease cartridges on full charge



Fast charging of battery via Type-C charging cable

Designed for everyday maintenance jobs in garages, workshops & other applications

Complete with

- Grease Gun Assembly
- 30" (750 mm) High Pressure Hose with Spring Guard
- 3 Jaw Hydraulic Coupler

SPECIFICATIONS

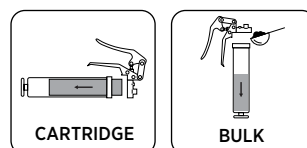
DEVELOPS	8000 PSI	550 BAR
DELIVERS UPTO (IN FREE FLOW)	3 OZ. / MINUTE	87 GM / MINUTE

ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY
		(OZ.)	(GMS)	(CM ³)
RGG/12L	47380	14	400	500



FILLING OPTIONS



BOMBA NEUMÁTICA TRASVASIJE

ATP/1H



PRODUCT BRIEF

The New Air Operated Fluid Transfer Pump:

Ideal for quick safe transfer of fluids in industrial and workshop applications, on farms & construction sites

Operated via compressed air supply the pump comes as a kit with:

- Air Pressure Regulator: Factory set at 5 PSI (0.3 BAR) for controlled air supply into the fluid drum.
- In-built 1/4" spring loaded safety valve to prevent pressure build-up in the pump system.
- 2 Pc Suction Tube: Suitable for use on 50-205 litre (15-55 gallon) drums with 1-1/2" or 2" opening.
- 6' (1.85m) x Ø 1" (26mm) discharge hose with steel spout.

Available in two versions

- With Steel Suction Tube.
- With Stainless Steel Suction Tube.



FLOW RATE*
UPTO
45 LPM
(12 GPM)

	STEEL SUCTION TUBE	STAINLESS STEEL SUCTION TUBE
WETTED COMPONENTS	Steel, Cast Iron, Brass & NBR*	Stainless Steel, Cast Iron, Brass & NBR*
RECOMMENDED USE	Diesel, Kerosene & Oils	Water & Water Based Media, Corrosive media, Diesel, Kerosene & Oils
DO NOT USE WITH	Gasoline, Lacquer, Thinners, etc.	Gasoline, Lacquer, Thinners, etc.

*only for version with discharge hose

FLUIDS



WARNING

Pump must be supplied with clean & dry compressed air. The standard pump configuration is also not suitable for use with flammable media such as Gasoline. For the pump to operate, drum must be sealed ensuring no air outlet to maintain pressure.

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION
ATP/1H	45318	Pump with steel suction tube & discharge hose

KIT ACCESORIOS ENGRASE

GAK/E1/11ST/N



PRODUCT BRIEF

Grease Gun Accessories for everyday lubrication in garages, workshops, construction sites, agricultural and marine applications.

Kit consist of common greasing attachments that fit most grease guns, hydraulic couplers, grease pumps and other grease dispensing equipment.

Constituents safely stored in a heavy-duty blow moulded, easy to carry case.



Includes:

- 4" (100mm) Needle Nose Adaptor (Quick Connect)
- 1-1/2" (38 mm) Narrow Needle Nose Dispenser (Quick Connect)
- 19/32" (15 mm) Needle Nose Dispenser (Quick Connect)
- 90° Hydraulic Coupler (Quick Connect)
- 1-1/2" x 18 gauge Grease Injector Needle (Quick Connect)
- Seal Off Dispenser (Quick Connect)
- 4 Jaw Standard Hydraulic Coupler
- 360° Slim Line Swivel Coupler
- 4" (100 mm) Steel Extension
- 6" (150 mm) Steel Extension
- 12" (300 mm) Grease Hose

KIT CONSTITUENTS



CAT NR.	ORD NR.	THREADS
GAK/E1/11ST/B	44964	1/8" BSPT
GAK/E1/11ST/M	44963	M10 %uFFFD 1
GAK/E1/11ST/N	44962	1/8" NPT

BANDEJA DRENAJE ACEITE 15LTS

ODP/15



PRODUCT BRIEF

High density polyethylene drain container for recycling of used oil

Designed for use with heavy duty, large capacity equipment involving multiple oil changes

Closed design for safe & spill-free disposal

No mess to clean up on top or side

Drain direct

- No oil tub or funnel needed

Large 8" (200 mm) opening with catch all basket holds small parts & filters & screw cap with exclusive o-ring seal

Integrated handle for easy carrying and handling

Stores upright or flat without leakage

Complete with wheels for slosh & spill free mobility

RECOMMENDED USE

Used oil, Antifreeze

Vent to
Drain Out
Fluids



8" (200 mm)
Opening



Wheels

ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		DIMENSIONS		BOX QTY.
		LITRE	QUART	(INCH)	(MM)	
ODP/15	41966	14.25	15	18×16×5	457×406.4×127	5

PISTOLA CUENTAKILOS PARA GRASA

APG/04/1-4F/GM/N



Premium quality Grease Control valve,
for use with air operated grease pumps

Built-In High Accuracy Digital Grease
Meter for dispensing exact amount
of grease

Measured greasing prevents both over &
under lubrication & is valuable in saving
bearing failures

Provides continuous grease flow, with
trigger fully pressed

Steel construction

Ergonomically designed pistol handle

Meter works on oval gear technology

Complete with 6" (150 mm) steel
extension & heavy duty coupler



APG/04/1-4F/GM/B



7,500 PSI

SPECIFICATIONS

CONTROL VALVE TYPE	Continuous Flow	
METER TYPE	Digital Oval Gear	
GREASE FLOW	0.2 - 5.5 LB / MIN	0.1 TO 2.5 KG / MIN
MAX. WORKING PRESSURE	7,500 PSI	517 BAR
WORKING TEMPERATURE RANGE	-10°C TO 60°C	14°F TO 140°F
UNIT OF MEASUREMENT	KG / GMS / OZ. / LBS	
RESOLUTION	0.10 OZ.	0.10 GMS
ACCURACY	± 3%	
RESETTABLE BATCH TOTAL	9999	
CUMULATIVE TOTAL	999999	
BATTERY TYPE	2 x 1.5V SIZE N	



DGM/2/N
Grease meter
available as
spare for in-line
applications.
Measures both in
kg & lbs

WARNING

Skin Injection Hazard. Keep
away from nozzle

The gun is continuous action.
Be careful not to over lubricate.

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	THREAD SPECIFICATION
APG/04/1-4F/GM/B	43415	Meter Fitted to Grease Control Valve	Inlet: 1/4" BSPT (F)
APG/04/1-4F/GM/N	43416	Meter Fitted to Grease Control Valve	Inlet: 1/4" NPTF (F)
DGM/2/N	45621	In-Line Grease Meter	Inlet/Outlet: 1/8" NPT (F)

PISTOLA DISPENSADORA COMBUSTIBLE INOX.

FCNA/S/SS/3-4



For use with DEF, Adblue, Urea,
Windshield fluids & Other based media

Heavy duty stainless steel cast body
with polyamide cover

Sensor built into the discharge spout
automatically shuts off the supply once
fluid level in the tank reaches that of
the outlet discharge spout

Built-In stainless steel swivel for ease
of use

WETTED COMPONENTS

SS 304, N41

RECOMMENDED USE

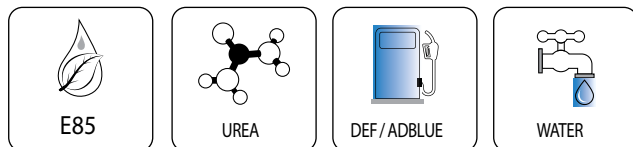
Water based media, Urea, Adblue, E85
& DEF



SPECIFICATIONS

FLOW RATE	UPTO 45 LPM	UPTO 11.9 GPM
MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR

FLUIDS



ORDERING INFORMATION

CAT NR.	ORD NR.	SPOUT	INLET	SPOUT DIA. (ID)		SPOUT DIA. (OD)	
				(INCH)	(MM)	(INCH)	(MM)
FCNA/S/SS/3-4	45567	Curved	3/4" (20 mm) Hose Barb	0.63	16	0.73	18.5

KIT DE GRASERAS MÉTRICAS FITTING

GFT/KIT/M-110A



ORDERING INFORMATION

	ORD. NBR.	BOX QTY.
GFT/KIT/M-110A	43991	25

THREAD SPEC.	STRAIGHT	45°	90°
M6 x 1	20	15	15
M8 x 1	10	10	10
M10 x 1	10	10	10



110 PCS - METRIC

Metric grease fittings packed to a plastic box

ACOPLE RÁPIDO DE 90° 3 MORDAZAS

HC/90/Q

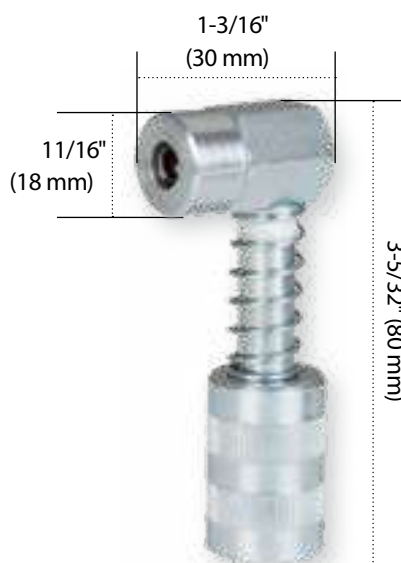
Quick Connect Coupler 90°

Coupler jaws fit perfectly on the grease fitting leaving hands free

3 jaw construction

Designed for 90° access, very useful for greasing fittings in low height vehicles, shoulders etc.

Fits all standard hand operated grease guns



ORDERING INFORMATION

CAT NR.	ORD. NR.	BOX QTY.
HC/90/Q	44916	250



CARRETE DE MANGUERA DE AIRE

HPR/AW/15M/3-8/B



Compact Design

Fully enclosed design protects inner spring from water & dirt; guarantees longer life & trouble free operation

Compact size allows use in confined spaces

Auto Roll Up

Slow rewinding mechanism ensures no one gets hurt

Refined Design

Top cover discreetly hides handle. Accessible handle makes it convenient to carry

Hose can be locked at any desired position

180° Swivel Wall Bracket

Bracket can be fixed on wall with screws. Hose reel can swivel 180° on the bracket

Easily Replaceable Hose

Change hose as per need/application

Drive spring is manufactured on stringent quality standards covering hardness material size, moment of force etc. ensuring enhanced life

Hose Stopper



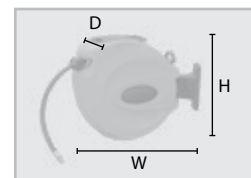
SPECIFICATION

CASE MATERIAL	Polypropylene	
HOSE LENGTH	15M	50'
HOSE MATERIAL	Hybrid (Nitrile + PVC)	
HOSE I.D.	3/8"	10 MM
INLET/OUTLET THREAD SIZE	1/4" BSPT	
WORKING PRESSURE	217 PSI	15 BAR
BURST PRESSURE	580 PSI	40 BAR
OPERATING TEMPERATURE	-5°C to 45°C	23°F to 113°F



ORDERING INFORMATION

CAT NR.	ORD NR	SIZE (W×D×H)	
		(INCH)	(MM)
HPR/AW/15M/3-8/B	47940	14-7/8 × 7-1/4 × 13-1/4	378 × 185 × 335



DESCARGA ESTE CATÁLOGO



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