

Service stations
LPG gas stations
CNG stations
dispensers
adaptors
hoses,swivels
pumps,nozzles
flow meters



SERVICE STATIONS

products catalog



DAIS |  GLOBAL

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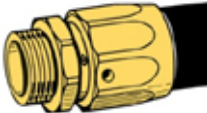

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I. Equipment for fuel stations





1.1. Nozzels

	7HL-034L	Hi flow nozzle, inlet 1" BSP, automatic, with lever lock, black, without V/R	
	11ALI-940L	Nozzle, inlet 3/4" BSP, automatic, black, for diesel and leaded gasoline, without V/R	
	11ALIP-940L	Nozzle, inlet 3/4" BSP, automatic, black, for unleaded gasoline, without V/R	
	For spare parts for nozzles see chapter II.Spare parts for nozzles		
	0190L-586L	Hi flow nozzle 1 1/2", nonautomatic, w/o spout, 400 lt/m	
	0190L-587L	Hi flow nozzle 2", nonautomatic, w/o spout, 650 lt/m	
	0297-9030	Spout 1 1/2" for 0190L and 2190	
	0297-9040	Spout 2" for 0190L and 2190L	
	1290L-075L	Hi flow nozzle, automatic, 1 1/2", with 175mm spout, alum, 260 lt/m	
	1290LB-080L	Hi flow nozzle, automatic, 1 1/2", with 300mm spout, alum, 260 lt/m	



1.2. Multiuses hose ends

	Hose	Thread	Part #	-MS - brass	-CR - chrom
Male threaded, Chromed brass	15 x 5	3/4" BSP thread	17HS-0625		
	19 x 5	3/4" BSP thread	17HS-0750		
	25 x 5	1" BSP thread	17HS-1100		
	25 x 6	1" BSP thread	17HS-1138		
 Male threaded	15 x 5	3/4" BSP thread	VHV-155075-MS		
	16 x 5	3/4" BSP thread	VHV-165075-MS		
	16 x 5	1" BSP thread	VHV-165100-		
	19 x 4	1" BSP thread	VHV-194100-MS		
	19 x 5	3/4" BSP thread	VHV-195075-MS		
	19 x 5	1" BSP thread	VHV-195100-MS		
	19 x 6	3/4" BSP thread	VHV-196075-MS		
	19 x 6	1" BSP thread	VHV-196100-MS		
	25 x 5	1" BSP thread	VHV-255100-MS		
	25 x 6	1" BSP thread	VHV-256100-MS		
 Female threaded	15 x 5	3/4" BSP thread	MHV-155075-MS		
	16 x 5	3/4" BSP thread	MHV-165075-MS		
	16 x 5	1" BSP thread	MHV-165100-		
	19 x 4	1" BSP thread	MHV-194100-MS		
	19 x 5	3/4" BSP thread	MHV-195075-MS		
	19 x 5	1" BSP thread	MHV-195100-MS		
	19 x 6	3/4" BSP thread	MHV-196075-MS		
	19 x 6	1" BSP thread	MHV-196100-MS		
	25 x 5	1" BSP thread	MHV-255100-MS		
	25 x 6	1" BSP thread	MHV-256100-MS		



1.3. Breakaways

	66VL-075L	BREAKAWAY VALVE 3/4" BSP	
	66VL-125L	BREAKAWAY VALVE 1" BSP	
	4930	BREAKAWAY VALVE 3/4" BSP, reusable	
	T2000B	BREAKAWAY VALVE 1" BSP, reusable	
	T3000B	BREAKAWAY VALVE 1 1/4" BSP, reusable	
	STTB-7575	RE-USABLE SAFE-T-GARD and swivel 3/4"	

1.4. Swivels





	36SLD-1	Swivel 3/4" M x 3/4" F BSP, SS	
	36SLD-2	Swivel 3/4" M x 1" F BSP, alum	
	36SLD-3	Swivel 3/4" M x 1" M BSP, SS	
	36SLD-4	Swivel 1" M x 1" F BSP, SS	
	36SLD-5	Swivel 1" M x 1" M BSP, SS	
	45L-506L	HOSE END SWIVEL 3/4" M x 3/4" F BSP	
	45L-507L	HOSE END SWIVEL 1" M x 1" F BSP	

1.5. Vertical breakaways and check valves under dispenser


	10BF-570L	SHUT-OFF VALVE 1.1/2" BSP FEMALE TOP	
	10BM-580L	SHUT-OFF VALVE 1.1/2" BSP MALE TOP	
	10BFP-571L	SHUT-OFF VALVE 1.1/2" BSP DP.FEMALE TOP	
	10RFPL-572L	OBS ECN27159:REPL TOP W/CHK & BYPASS VA 1-1/2" BSP	
	70-007L	Vertical check valve 1 1/2" F BSP	

1.6. Other valves and fittings

Filling system

	61SO-4004	Overfill protection valve 4" with 4m pipe	
	633T-8075	Top seal adapter 4", alu	
	633T-8076	Top seal adapter 4", brass	
	H04150M	Seal for 633-T, BUNA	
	634TT-7085	Cap for 633-T, 4", gray	
	H15005M	Seal for 634-TT	
	Antisiphon valve		
	199ASV-1150	1 1/2" BSP, for hydrostatic pressure 0m - 1.50m	
	199ASV-2150	1 1/2" BSP, for hydrostatic pressure 1.50m - 3m	
	199ASV-1200	2" BSP, for hydrostatic pressure 0m - 1.50mm	
	199ASV-2200	2" BSP, for hydrostatic pressure 1.50m - 3m	
	199ASV-3200	2" BSP, for hydrostatic pressure 3m - 4.50m	



Suction system

	14NL-150	Angle check valve 1 1/2", BSP	
	14NL-200	Angle check valve 2", BSP	
	H03363M	Seal kit for 14NL 1 1/2"	
	H03364M	Seal kit for 14NL 2"	

Vapour recovery Stage I

	Pressure vacuum vent with flame arrester, 2"		
	523UK	Pressure vacuum vent valve for gasoline. ATEX	
	523UKDL	Pressure vacuum vent valve for diesel. ATEX.	
	ZFV-0200	Flame arrester, both ends 2" BSP threaded	
	For other size of pressure/vacuum vents and flame arresters see catalog Industrial equipment or consult DAIS offices		
	53VML-0060	2" x 6-1/8" BALL FLOAT VENT VALVE with cage	
	320-DVB	FLOAT VENT VALVE 3"x3"x2" BSP	
	1611AVL	V/R ADAPTOR 4"GROOVE, 3"BSP THREAD	
	1711T-7085	Top seal vapor cap , 4", for 1611-AVL, orange	
	1711T-7000	Top seal vapor cap , 4", for 1611-AVL, gray	
	634B-AL40	Top seal vapor cap , 4", for 1611-AVL, alum	
	62M-0375	4" 62 MONITOR CAP with 3/8" GRPMET	

1.7. Flexibles

	FC15-MM18	1 1/2", Male x Male, len 46cm(18")	
	FC15-MF16	1 1/2", Male x Female, len 40cm(16")	
	FC15-MSM18	1 1/2", Male Swivel x Male, len 46cm(18")	
	FC15-MME18	1 1/2", Male x Male 90°, len 46cm(18")	
	FC20-MM18	2", Male x Male, len 46cm(18")	
	FC20-MSM14	2", Male Swivel x Male, len 36cm(14")	
	FC20-MME18	2", Male x Male 90°, len 46cm(18")	
	FC20-MF20	2", Male x Female, len 50cm (20")	
	KW-50180	Cathodic protection flexible pipe connector with seals. For electrically insulating, cathodically protected installations. One end with swiveling insulated flange with PD seal (yellow), other end with swiveling oval flange and NFD seal (black). L=180, D=104, k=82.	
	GF-50	Oval flange, DN50, female DN50 threaded	
	PD-50	Seal for KW, DN50, yellow, PU	
	FD-50	Gasket for KW, DN50, blue, elapack	

1.8. Dispensing hoses

PARKER CARBOPRESS® N/L 10 - 20



Working t°: -25 °C ÷ +80°C
Tolerances: Length: ± 1%

Hose Construction

Tube: Black, smooth, NBR rubber compound. Resistant to oil and fuel with an aromatic content not exceeding 50 %

Reinforcement: Synthetic textile fabrics and built-in copper wires to provide electrical continuity between both ends

Cover: Black, smooth, NBR/SBR rubber compound, antistatic (R < 1 MW/m), oil, fuel, abrasion, ageing and weather resistant

Applications . Suitable for fuel oils, petrol and diesel having an aromatic content not exceeded 50 % and also for grease.

PARKER CARBOPRESS® D EN 1360/1 N/L



According to EN 1360:2005 Type 1

Working t°: -25 °C ÷ +80°C
Tolerances: Length: ± 1%

Hose Construction

Tube: Black, smooth, NBR rubber compound, antistatic (R < 1 MW/m)

Reinforcement: Synthetic textile yarns providing low dilation. Built-in copper wires to allow electrical continuity between fittings.

Cover: Black, smooth, non-staining and antistatic (R < 1 MW/m) CR rubber compound resistant to abrasion, oil, fuel and weathering

Applications. Designed for dispensing metered quantities of automotive fuels from dispensing equipment (petrol pumps). Resistant to leaded and unleaded petrol (gasoline) with an aromatic content not exceeding 50 %.

ELAFLEX SL (SLIMLINE)



Correspond to TRbF 131/2 and EN 1360, respectively EN 13483.

Working t°: -30 °C ÷ +80°C
Tolerances: Length: ± 1%

Hose Construction

Tube: Nitrile rubber (NBR), conductive, no discolouration

Reinforcement: Two low tensile textile braids with crossed, interwoven conductivity strands




Cover: Resistant to light cracks and oil. Materials see chart

Applications. Quality petrol pump hoses for gasoline and diesel fuels. Also suitable for fuels with ethanol content up to E 85. Can be calibrated for electric dispensing pumps

#	Part #	I.D. /mm/	O.D. /mm/	Work pressure	Burst pressure	Weight	Bend R	Price
CARBOPRESS® N/L 10								
1.	IH30511004	16	23	10	30	0,29	130	
2.	IH30501006	19	27	10	30	0,39	150	
3.	IH30501007	25	35	10	30	0,63	200	
CARBOPRESS® N/L 20								
4.	IH30512010	16	26	20	60	0,44	130	
5.	IH30512007	19	30	20	60	0,57	150	
6.	IH30512009	25	36	20	60	0,71	200	
CARBOPRESS® D EN 1360/1 N/L								
7.	IH30512010	16	26	16	48	0,45	80	
SL (SLIMLINE)								
8.	SL16	16	26	16	60	0,5	80	
9.	SL19	19	30	16	60	0,55	90	
10.	SL21	21	31	16	60	0,55	100	
11.	SL25	25	36	16	60	0,8	150	

For other hoses see catalog INDUSTRIAL HOSES.

1.9. Sumps and containers

	<p>PST-5030</p>	<p>One-Piece Poly Transition Sump with Poly Top, 38" x 50"</p>	
	<p>1-2100-EVR</p>	<p>Spill Containment Manholes, with drain valve, 19lt</p>	
	<p>OPW CONQUISTADOR manhole cover. Cover: Fiberglass, Ring: Steel powder coated, Skirt: Galvanized steel</p>		
	<p>44CD-PL10</p>	<p>44 1/4" Plain Cover w/Recess Handle</p>	
	<p>44CD-PLKL</p>	<p>44 1/4" Plain Cover w/Key-Lift Provision</p>	
	<p>44CD-WT10</p>	<p>44 1/4" Bolt Down Cover w/Recess Handle</p>	
	<p>44CD-WTKL</p>	<p>44 1/4" Bolt Down w/Key-Lift Provision</p>	
	<p>44CD-RL10</p>	<p>44 1/4" Roto-Lock w/Recess Handle</p>	
	<p>44CD-RLKL</p>	<p>44 1/4" Roto-Lock w/Key-Lift Provision</p>	

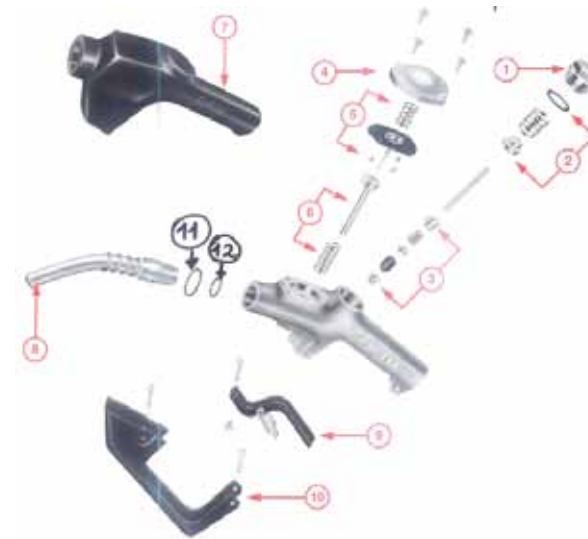
II. Spare parts for nozzles

2.1. OPW 11AL

8	5-BPI 2117	Spout, 16 mm for 11- ALPI	
8	5-BI 2110	Spout, 19 mm for 11- ALPI	
11	H-01675-M	O-ring for the spout for 11-AL (all models)	
12	H-02773-M	Second O-ring for the spout for 11-AL (P)	
12	HN-910422-1	Second O-ring for the spout for 11- AL(P)I	
2	0011-K1	Maintenance kit Spring for 11-AL	
3	0011-K2	Maintenance kit for 11-AL	
5	20-A	Membrane kit for 11-AL series	
6	20-C	Piston kit for 11-AL series	
10	C-03414	Lever for 11-AL	
	C-03440	Spring for 11-AL	
9	C-03454	Clip for 11-AL	
4	D-01320-M	Vacuum cap for 11-AL	
7	H-18181-M	Hand Insulator 11-AL, red	
7	H-18182-M	Hand Insulator 11-AL, blue	
7	H-18183-M	Hand Insulator 11-AL, yellow	
7	H-18184-M	Hand Insulator 11-AL, green	
7	H-18185-M	Hand Insulator 11-AL, black	

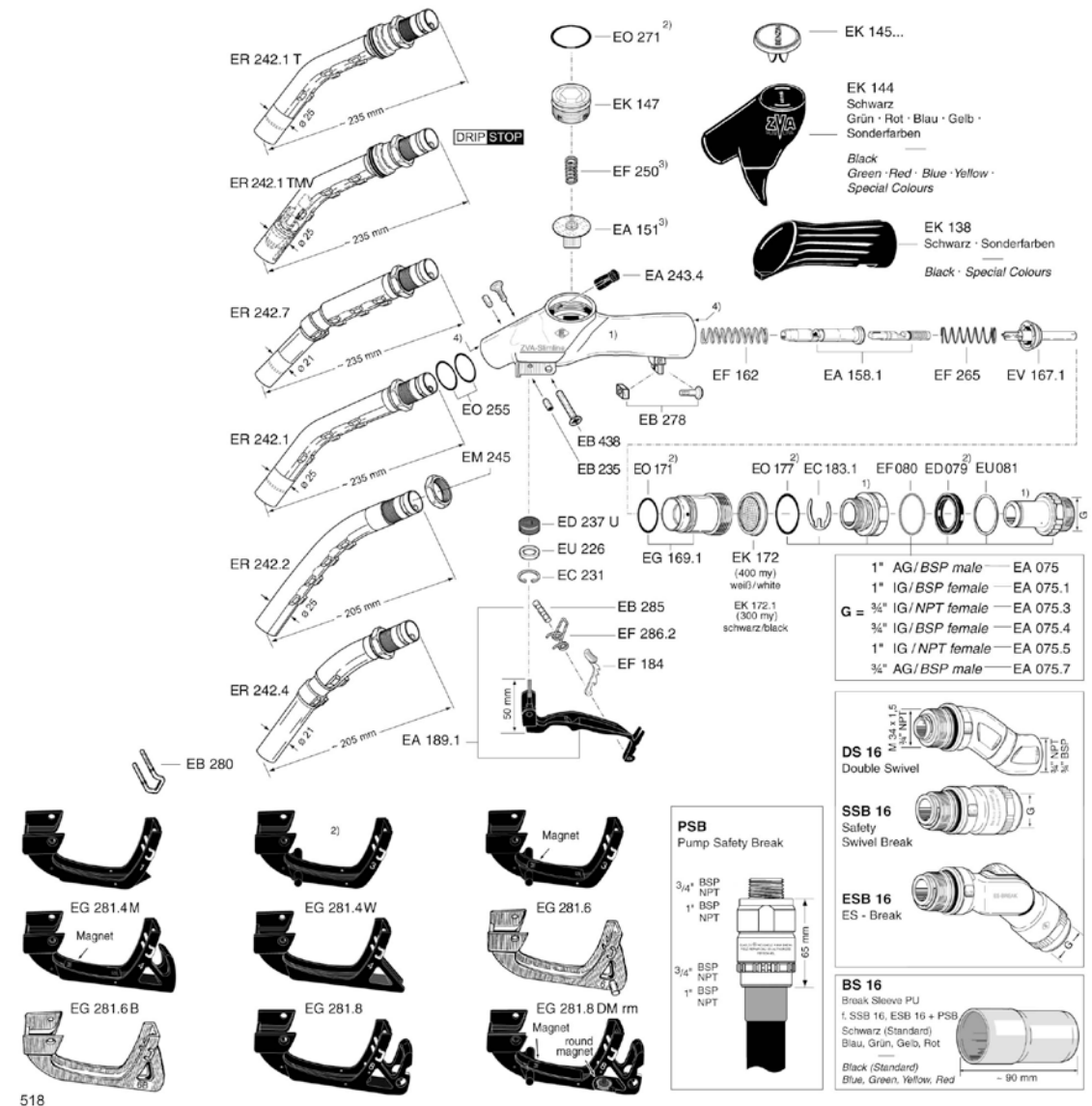
2.2. OPW 7HL

1	C03646AH	Cap	
2	0007-K1	Maintenance kit Dashpot	
3	0007-K2	Maintenance kit Packing	
4	20-C	Maintenance kit Latchprunger	
5	D01320	Cap for vacuum valve	
6	0007-K3	Maintenance kit Diaphragm	
7	5BH-0115	Spout for 7H 178mm	
7	5BHB-0125	Spout for 7H 305mm	
8	E00306M	Hand Insulator – black	
8	E00307M	Hand Insulator – green	
9	C03454M	Спукък	
10	C03414M	Lever	
11	H07633RE	Bolt	



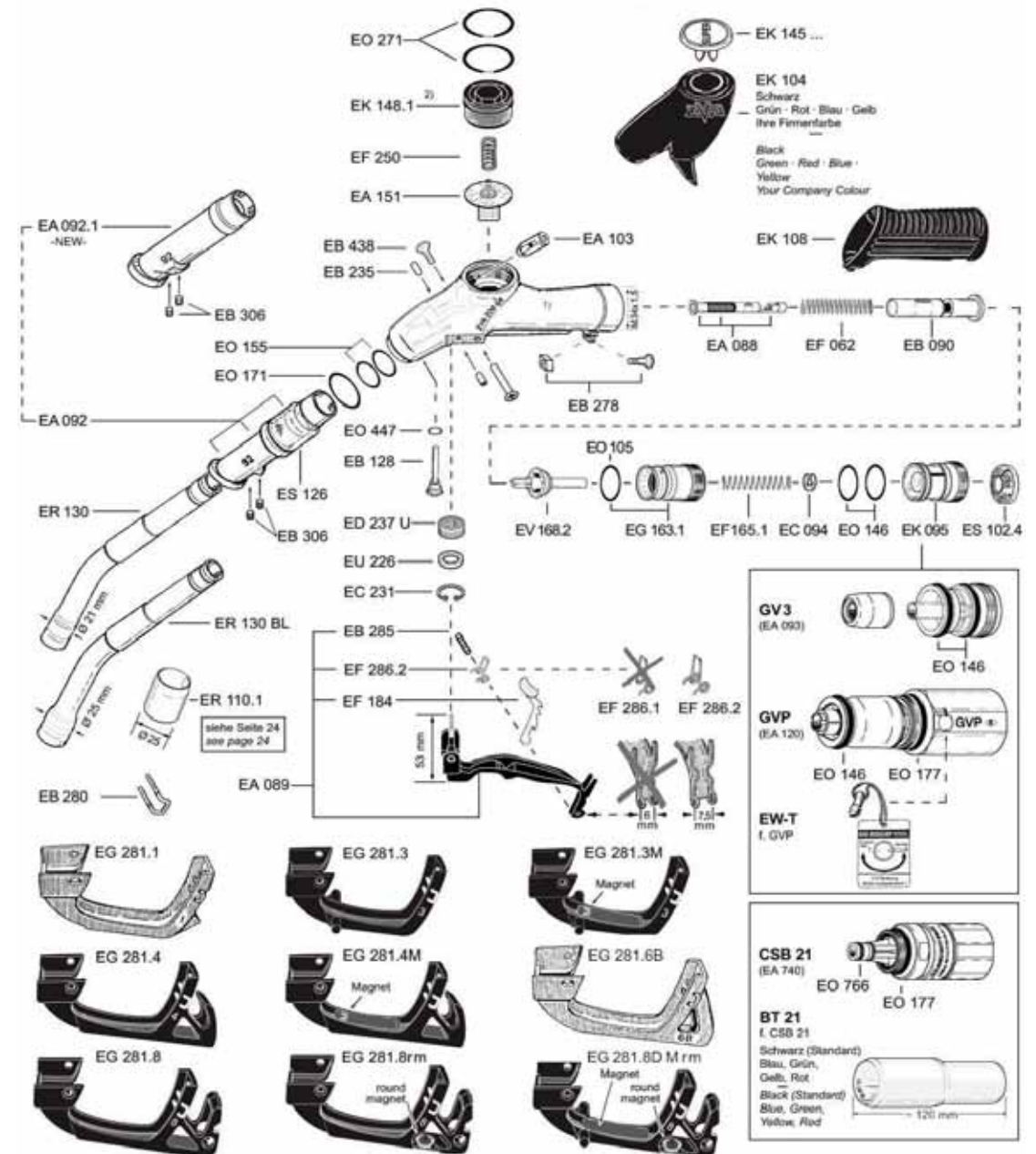
Part #	Name	Price
EA030	Comfort Lever Assm for Slimline 2&2GR	
EA058	Pull rod assembly for Slimline 2 & 2GR	
EA075	Easy Rotating Swivel 1" male BSP	
EA075-1	Easy Rotating Swivel 1" fem. BSP	
EA075-3	Easy Rotating Swivel 3/4" fem. NPT	
EA075-4	Easy Rotating Swivel 3/4" fem. BSP	
EA075-5	Easy Rotating Swivel 1" fem. NPT	
EA075-7	Easy Rotating Swivel 3/4" male BSP	
EA088	Pull rod assembly	
EA089	Lever assembly 53 mm	
EA091-1	Lever 50mm	
EA092-1	VR suction inlet	
EA092-2	VR suction inlet ZVA Sliml. 2 GRVP	
EA103	Safety cut out ball assembly	
EA151	Diaphragm assembly	
EA158-1	Pull rod assembly	
EA189-1	Lever assembly 50 mm	
EA243-4	Safety cut out ball assembly	
EA375	Swivel 1" male BSP	
EA375-1	Swivel 1" female BSP	
EA389	Lever assembly 55 mm	
EB031	Bolt for hold-open latch,smooth,Ø 3x14	
EB128	Spout bolt	
EB128-1	Spout bolt	
EB235	Lever pin 4 x 8 mm	
EB280	Removable latch pin, standard	
EB285	Pin for hold-open latch, 2 grooves, 3x12mm	
EB306	Headless screw M5 x 6	
EB438	Guard screw assembly	
EC094	Circlip 3,2 x 0,6	
EC183-1	Circlip with notch 26 x 1,2	
EC231	Circlip dia. 16 mm	
EC383	Circlip 32 x 1,5	
ED077	Lip seal ID 21 mm	
ED079	Lip seal ID 24,7 mm	
ED179N	Lip seal ID 26 mm, PU black	
ED179U	Lip seal ID 26 mm, PU blue	
ED237U	Seal 16 x 5 x 5 PU	
EG069	Valve seat, with shaft hole Ø 5,0 mm	
EG163-1	Valve seat	
EG169-1	Valve seat	
EG281-1	Guard 1	

2.3. ZVA Slimline



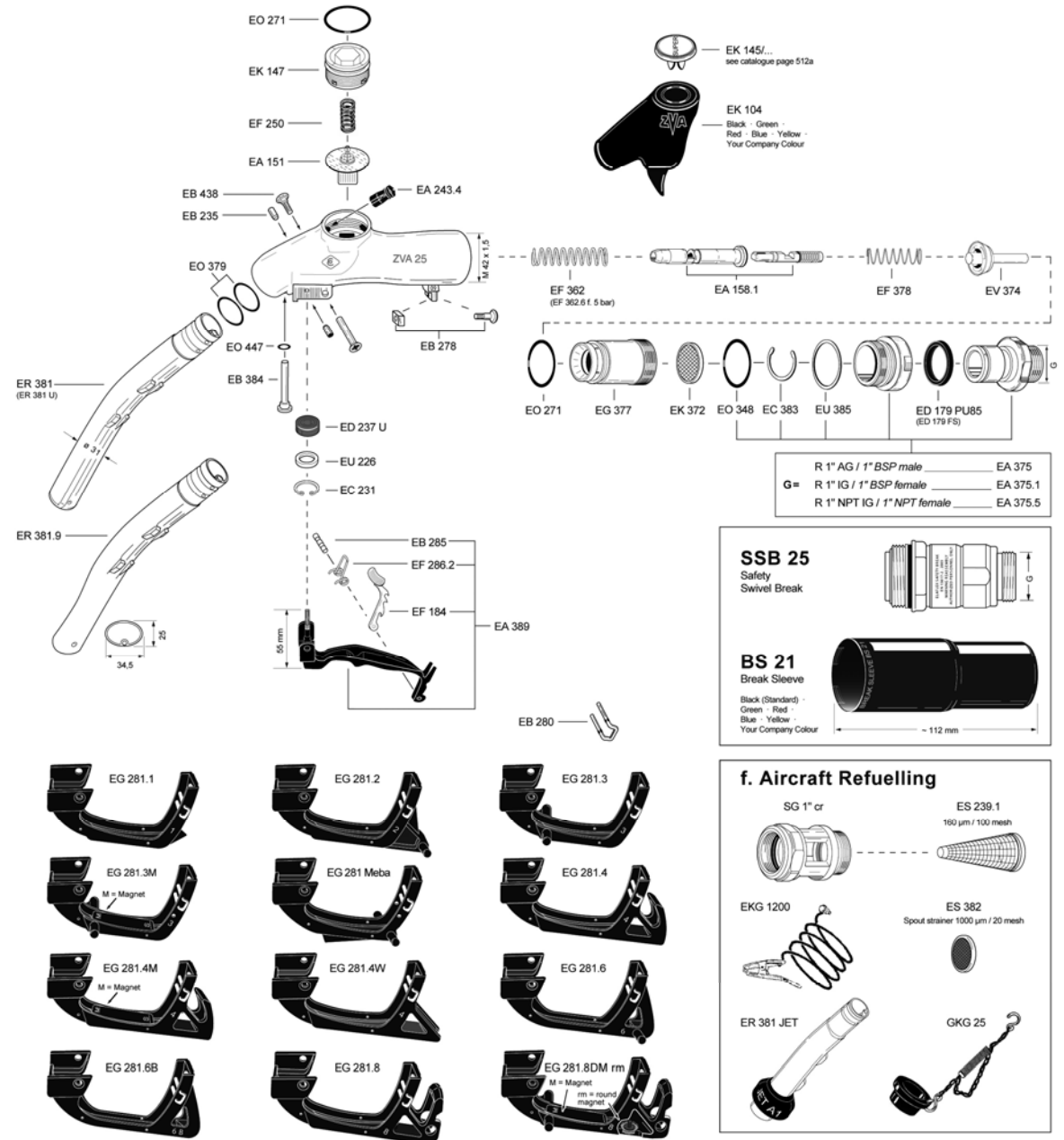
EG281-3	Guard 3
EG281-3M	Guard 3, with block magnet
EG281-4	Guard 4
EG281-4M	Guard 4, with block magnet
EG281-8	Guard 8
EG377	Valve seat, ZVA25
EF032	Latch spring, 3 turns
EF033	Hold-open latch
EF060	Main spring 62,5 x 1,3 mm
EF061	Main spring 74 x 1,4 mm
EF063	Check valve spring 50 x 0,45 mm
EF064	Return spring 50 x 0,9 mm
EF065	Check valve spring 49 x 0,4 mm
EF080	Spiral spring dia. 27 mm x 1,7
EF184	Hold-open latch
EF250	Diaphragm spring old 33 x 0,5 mm
EF250-2	Diaphragm spring 37 x 0,7 mm
EF286-2	Latch spring, 2 turns
EK038	Comfigrip
EK039	Comfigrip
EK043-BL	Product Sleeve, black, Slimline 2 & 2GR
EK043-YE	Product Sleeve, yellow, Slimline 2 & 2GR
EK043-GR	Product Sleeve, green, Slimline 2 & 2GR
EK043-RD	Product Sleeve, red, Slimline 2 & 2GR
EK044-BL	Plastic cover black, Slimline 2 & 2GR
EK044-YE	Plastic cover yellow, Slimline 2 & 2GR
EK044-GR	Plastic cover green, Slimline 2 & 2GR
EK044-RD	Plastic cover red, Slimline 2 & 2GR
EK095	COAX vapour insert
EK096	COAX vapour insert with plug
EK104-GR	Plastic cover (scuffguard) green
EK104-YE	Plastic cover (scuffguard) yellow
EK104-BL	Plastic cover (scuffguard) black
EK108	Comfigrip black, ZVA 200 GR
EK138	Comfigrip black, ZVA Slimline
EK144-BL	Plastic cover (scuffguard) black, Slimline
EK144-RD	Plastic cover (scuffguard) red, Slimline
EK144-YE	Plastic cover (scuffguard) yellow, Slimline
EK145/0	Product badge clean
EK145/20	Product badge "DIESEL"
EK145/302	Product badge "95"
EK147	Vacuum cap
EK148-1	Vacuum cap

2.4. ZVA 200GR

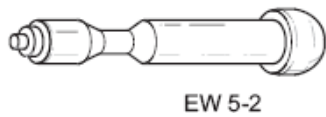


EK172	Standard Strainer 40 mesh white
EK172-1	Strainer 50 mesh black
EK372	Strainer 25 mesh
EK754	Vapour hose tail DN 8 with clip
EK755	Vapour hose tail DN 8
EO046	O-Ring 11 x 1,5, Viton
EO048	O-Ring 27 x 2,3, Viton
EO105	O-Ring 23,3 x 2,4, Viton
EO146	O-Ring 27 x 2,5, Viton
EO155	O-Ring 19,3 x 2,4, Viton
EO171	O-Ring 25,3 x 2,4, NBR
EO177	O-Ring 31 x 2,5, NBR
EO255	O-Ring 22 x 1,5, NBR
EO271-VI	O-Ring 35 x 2,5, Viton
EO348	O-Ring 40 x 2, NBR
EO379	O-Ring 29,1 x 2,55, Viton
EO447	O-Ring 6,07 x 1,78, NBR
EO756	O-Ring 9,25 x 1,78, Viton green
ER042-1TMV	ER 042.1 with DRIP STOP
ER042-1	Spout OD 25 mm
ER042-7	Reduced spout OD 21 mm
ER042-1U	ER 042.1 with U-groove
ER042-7U	ER 042.7 with U-groove
ER110-1	Unleaded stop OD 25 mm
ER130	Reduced spout OD 21 mm
ER130BL	Spout OD 25 mm
ER242-1	Long spout with lock nut
ER242-1T	ER 242.1 with diesel drip catcher
ER242-2	Short spout with lock nut
ER242-4	Reduced short spout with lock nut
ER242-7	Reduced long spout with lock nut
ER381	Spout dia. 31 mm, ZVA 25
ES102-4	Standard Strainer 40 mesh
EU081	Washer 31,7 x 26,6 x 1 mm
EU226	Washer dia. 16 mm
EU385	Washer dia. 40 mm
EV066	Poppet Assembly, Slimline 2 & 2GR
EV167-1	Poppet, Slimline
EV168-2	Poppet, ZVA 200 & 200 GR
EV374	Poppet, ZVA 25
EW2CV	Disassembling tool for EB 235
EW3	Assembling tool
EW3CV	Disassembling tool for EA 103

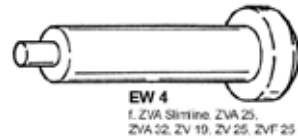
2.5. ZVA 25



EW5	Assembling tool
EW7	Ass. tool for EK 148, ER 110.1
EW8	Assembling tool for hose tail
EW10K	Ass. tool (short) for EO 155
EW11	Assembling tool for circlip
EW14	Tool for EV066
EW19-22	Double box spanner 19/22
EW21	Box spanner for hose fittings
EW-J1	Tool for EC231
EW-J2	Tool for EC408
EW-J21	Tool for EM551
EW-Z13	Assembling pliers f.GSS 11/11,5/12/13
BS16-BL	Break Sleeve PU, black, N16
BS21-BL	Break Sleeve PU, black, N21
CS21G	Sleeve green of PU with glossy surface
GSS11-5	Hose clamp 11 new
GSS13	Hose clamp 13
KS21	Anti-kinking sleeve of PU. Resistant to wear
V21-34/2AL	Hose coupling DN 21, nozzle side
V21-34/6AL	Hose coupling DN 21, dispenser side



EW 5-2



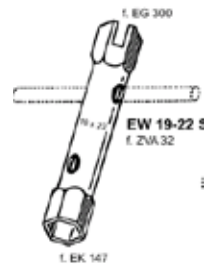
EW 4
f. ZVA Slimline ZVA 25,
ZVA 32, ZV 19, ZV 25, ZVF 25



EW 14

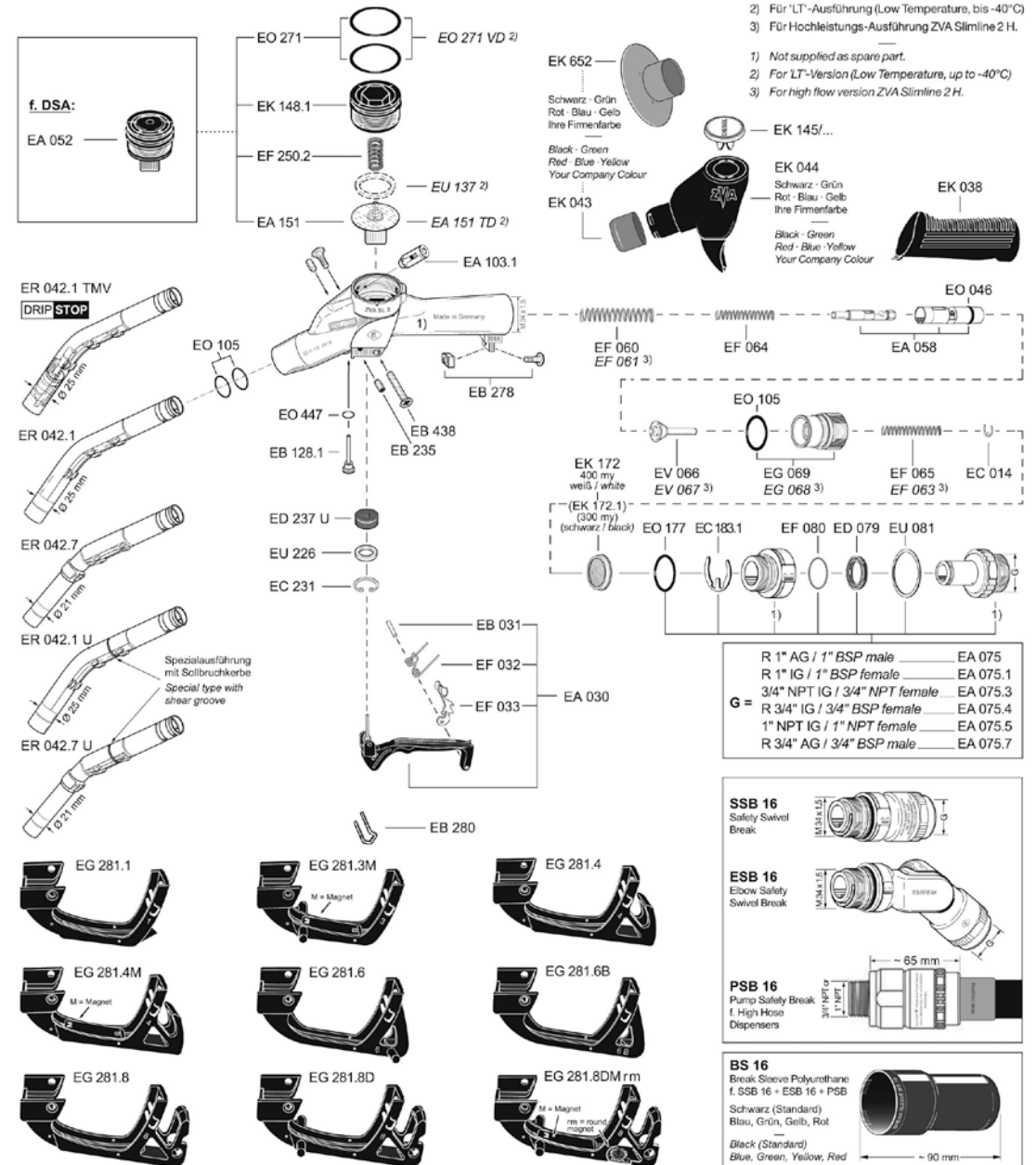


EW 3
für alle f. für all ZVA

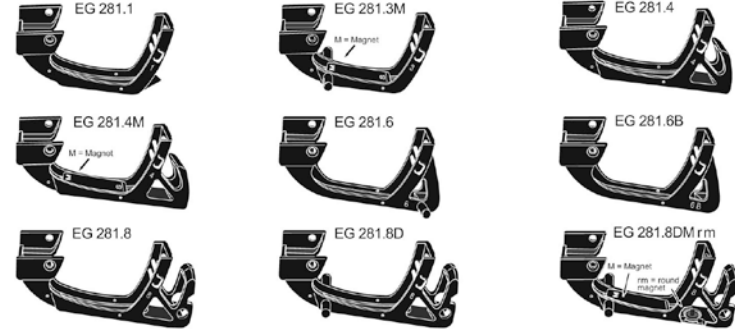
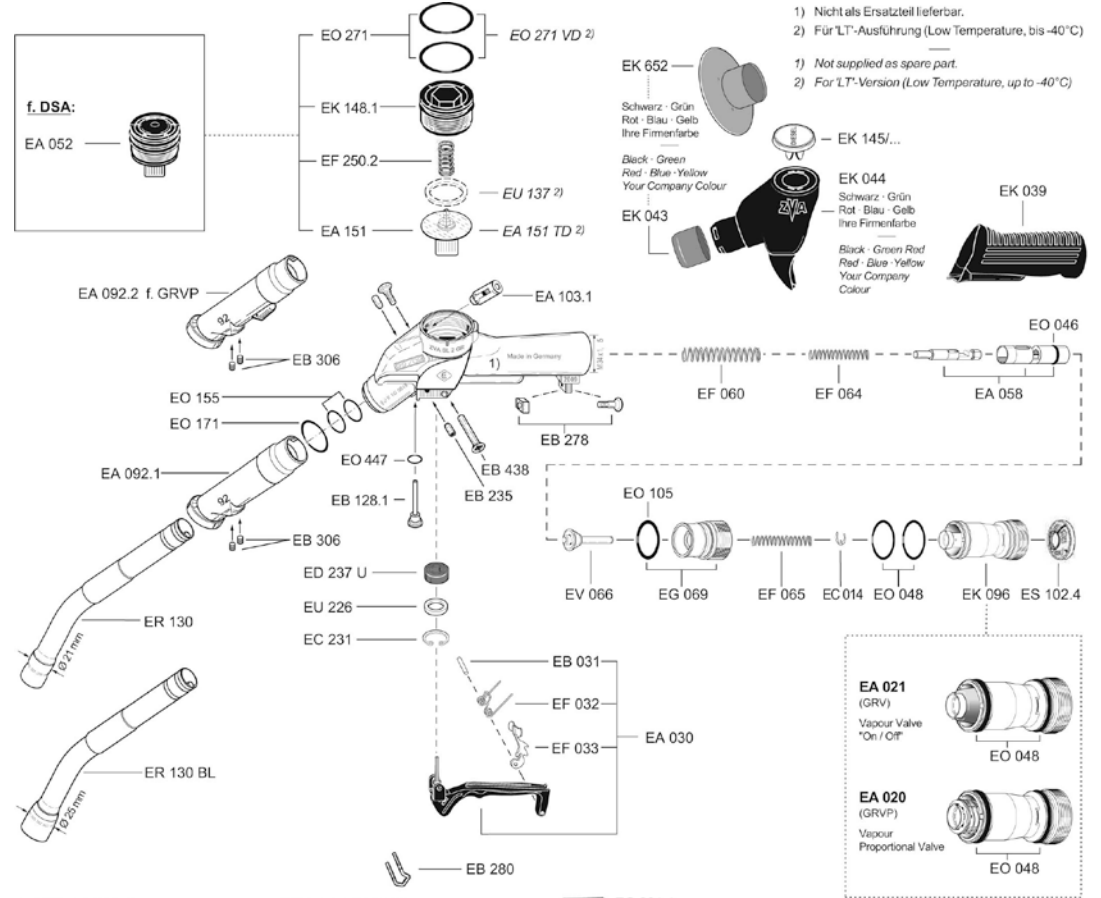
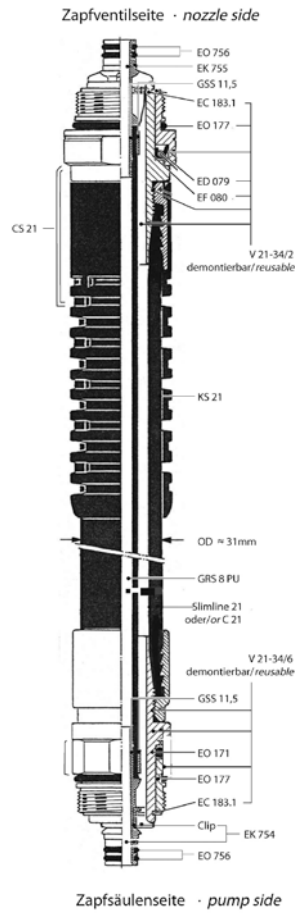
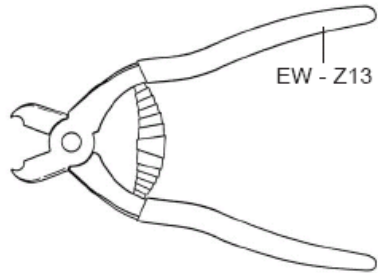
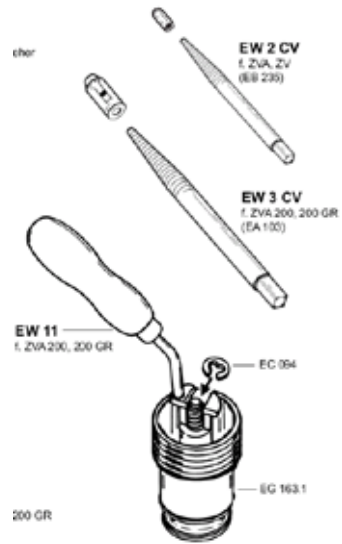


f. EK 147

2.6. ZVA Slimline 2







2.7. ZVA Slimline 2 GR

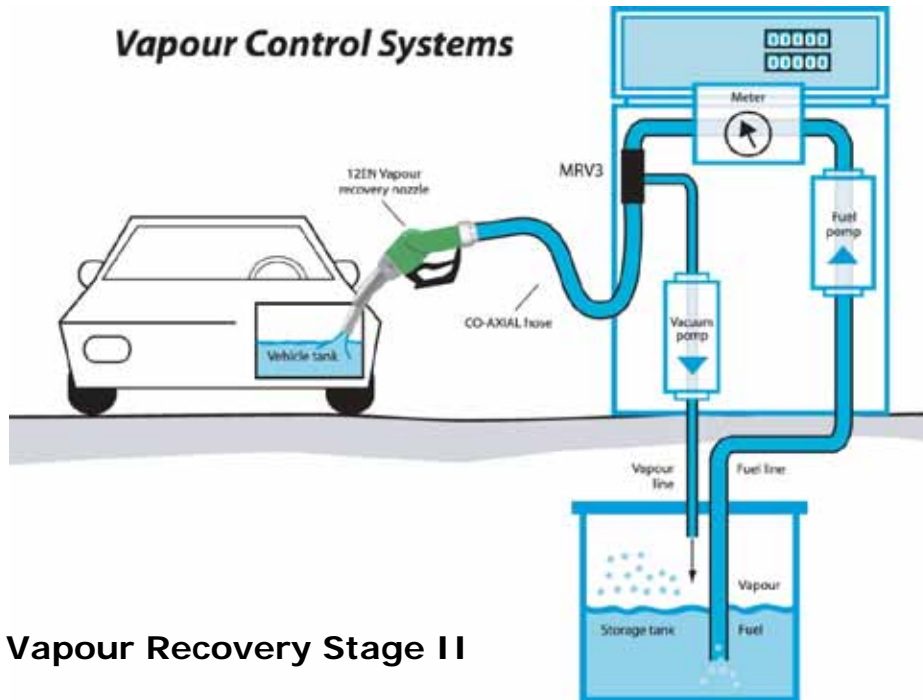


- 1) Nicht als Ersatzteil lieferbar.
 - 2) Für LT-Ausführung (Low Temperature, bis -40°C)
- 1) Not supplied as spare part.
 - 2) For LT-Version (Low Temperature, up to -40°C)

2.8. Nozzles ZVA Elaflex

Pic	Part #	Lever	Inlet	Spout /Application	Flow	1-4	5-9	10-50
	ZVA2-10	(1) EG281-1	1" BSP M	19mm	70 l/m			
	ZVA2-10R			16mm	55 l/m			
	ZVA2-30	(3) EG281-3M	1" BSP M	19mm	70 l/m			
	ZVA-30-A			16mm	55 l/m			
	ZVA2-30R			19mm	70 l/m			
	ZVA2-31			16mm	55 l/m			
	ZVA2-31R		1" BSP F	19mm	70 l/m			
	ZVA2-34		16mm	55 l/m				
	ZVA2-34R		3/4" BSP F	19mm	70 l/m			
	ZVA2-40		16mm	55 l/m				
	ZVA2-40	(4) EG281-4	1" BSP M	19mm	70 l/m			
	ZVA-40-A			16mm	55 l/m			
	ZVA2-40R		1" BSP F	19mm	70 l/m			
	ZVA2-41		16mm	55 l/m				
	ZVA2-41R		3/4" BSP F	19mm	70 l/m			
	ZVA2-43		16mm	55 l/m				
	ZVA2-43R	(8) EG281-8	1" BSP M	19mm	70 l/m			
	ZVA2-80			16mm	55 l/m			
ZVA2-80R	1" BSP F		19mm	70 l/m				
ZVA2-81	16mm		55 l/m					
ZVA2-81R	(8) EG281-8D	1" BSP F	19mm	70 l/m				
ZVA2-8DM1			16mm	55 l/m				
ZVA2-8DM1R								
	ZVA2-GR-3	(3) EG281-3	GR 92		45 l/m			
	ZVA2-GR-3M	(3) EG281-3M						
	ZVA2-GR-4	(3) EG281-4						
	ZVA2-GR-4M	(3) EG281-4M						
	ZVA-25-1	(1) EG281-1	1" BSP M		140 l/m			
	ZVA-25-2	(2) EG281-2	1" BSP M					
	ZVA-25-4	(4) EG281-1	1" BSP M					
	ZVA-25-41		1" BSP F					
	ZVA-32	All types	1 1/4" BSP M		200 l/m			
	ZVA-GBZ			Alcohol, FDA	60 l/m			
	ZVA-AdBlue			AdBlue				
	ZVA-RG			Solvents				
	ZVA-VA			Chemicals, acids	60 l/m			

III. VAPOR RECOVERY STAGE II



Vapour Recovery Stage II

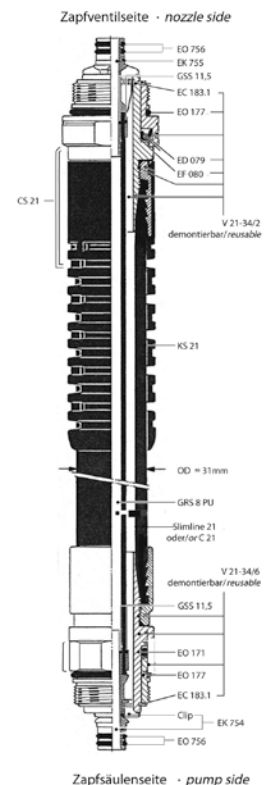
Part #	Name	Price
12VW- 0100FCE	OPW nozzle V/R	
LF-00450-2	V/R hose, 4.5m	
MEX 0831	Vacuum pump	
MEX 0554	Double vacuum pump with motor	
MVR-3	OPW V/R proportional valve	
VA-6060	OPW VACUUM ASSISTS SAFE T GUARD w/ V/R	
VA-6061	OPW VACUUM ASSISTS SAFE T GUARD w/o V/R	
VA-6050B	OPW VACUUM ASSISTS RE-SNAP SAFE T GUARD w/ V/R	
VA-6051B	OPW VACUUM ASSISTS RE-SNAP SAFE T GUARD w/o V/R	
STVA	RE-USABLE SAFE-T-GARD and swivel 3/4"	
STVA	RE-USABLE SAFE-T-GARD and swivel 1"	

COAX hose parts

Part #	Name	Qty in one hose	Price
SLM-21MPD	Hose Elaflex DN21, 1m	X	
GRS8PU	Hose Elaflex DN8, 1m	X	
V21-34/2AL	Hose coupling DN 21, nozzle side	1	
V21-34/6AL	Hose coupling DN 21, dispenser side	1	
EK755	Vapour hose tail DN 8	1	
EK754	Vapour hose tail DN 8 with clip	1	
GSS11-5	Hose clamp 11 new	2	
EO756	O-Ring 9,25 x 1,78, Viton green	4	
KS21	Anti-kinking sleeve of PU.	1	
CS21G	Sleeve green of PU with glossy surface	1	

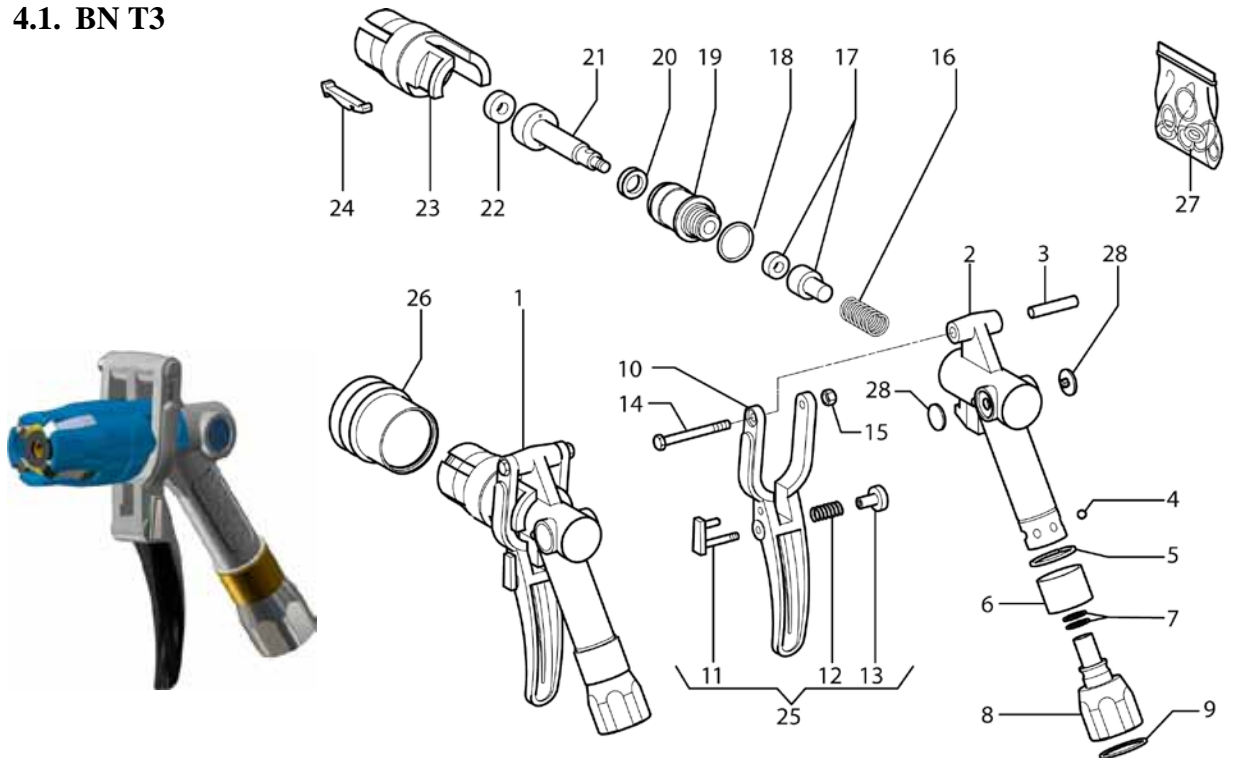
Examples for COAX hose

Part #	Name	Lenght	Price
VR-00350-BL	COAX hose Elaflex 3.5m	3.5 m	
VR-00375-BL	COAX hose Elaflex 3.75m	3.75 m	
VR-00450-BL	COAX hose Elaflex 4.5m	4.50 m	
VR-00500-BL	COAX hose Elaflex 5m	5 m	
VR-00600-BL	COAX hose Elaflex 6m	6 m	



IV. LPG EQUIPMENT

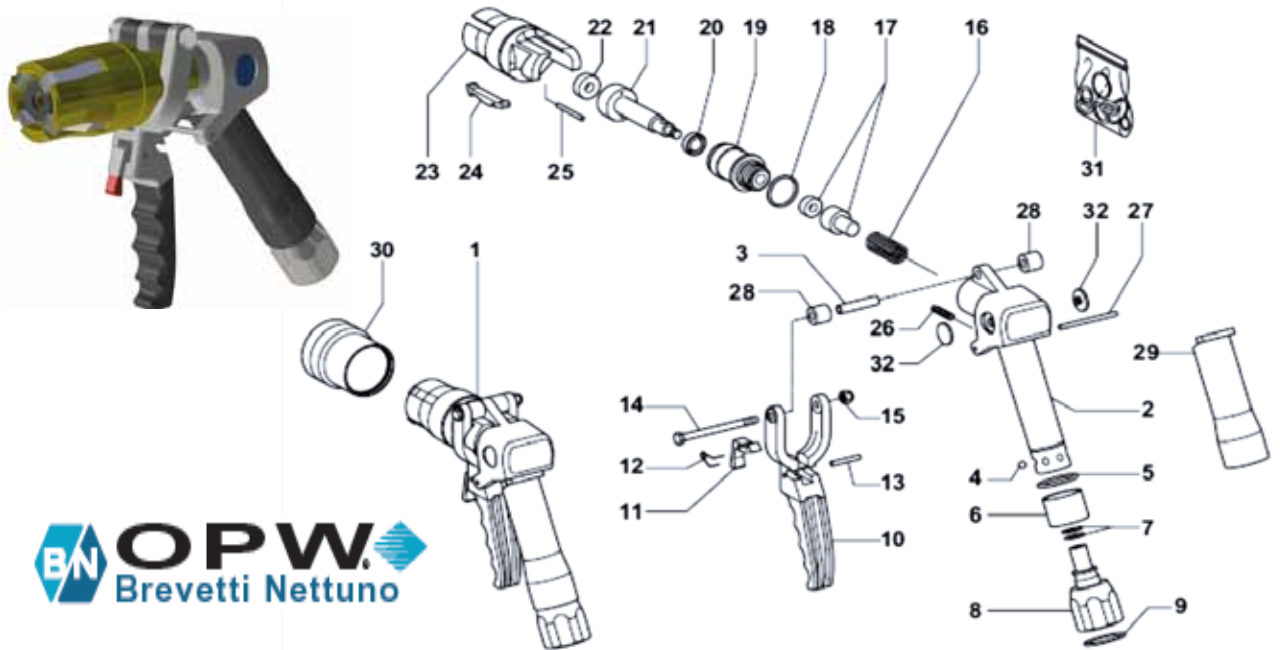
4.1. BN T3



#	Part #	Name	Qty	Price
1.	T3	Complete Nozzle w/ alum separator	1	
	T3B	Complete Nozzle w/ brass separator	1	
	T3B-A	Complete Nozzle w/ brass separator	1	
2.	OT301	Body	1	-
3.	OT302	Bushing	1	
4.	OC001	Ball	6	
5.	OC005	Flexible Ring	1	
6.	OT303	Inner Frame	1	
7.	OC010	Ring	2	
8.	OT304	Junction	1	
9.	OC011	Ring	1	
10.	OT305	Lever	1	
11.	OT306	Fork	1	
12.	OT307	Spring	1	
13.	OT308	Push Button	1	
14.	OC030	Screw	1	
15.	OC050	Nut	1	
16.	OT309	Spring	1	
17.	OT320	Complete Valve ¹⁾	1	
18.	OC012	O-Ring ¹⁾	1	
19.	OT312	Head ¹⁾	1	
20.	OC013	Gasket ¹⁾	1	
21.	OT313	Piston ¹⁾	1	
22.	OT314	Gasket ¹⁾	1	
23.	OT315	Sleeve ALUM	1	
	OT315B	Sleeve BRASS	1	
24.	OT316	Hammer	4	
25.	OT317	Complete Fork	1	
26.	OT420	Flexible Dust Cover	1	
27.	OT319	Set Of Gaskets	1	
28.	OT324	Disc	2	
	OT3KIT	OT3 KIT (¹⁾ included)		

NEW! FREE nozzle repair!!!

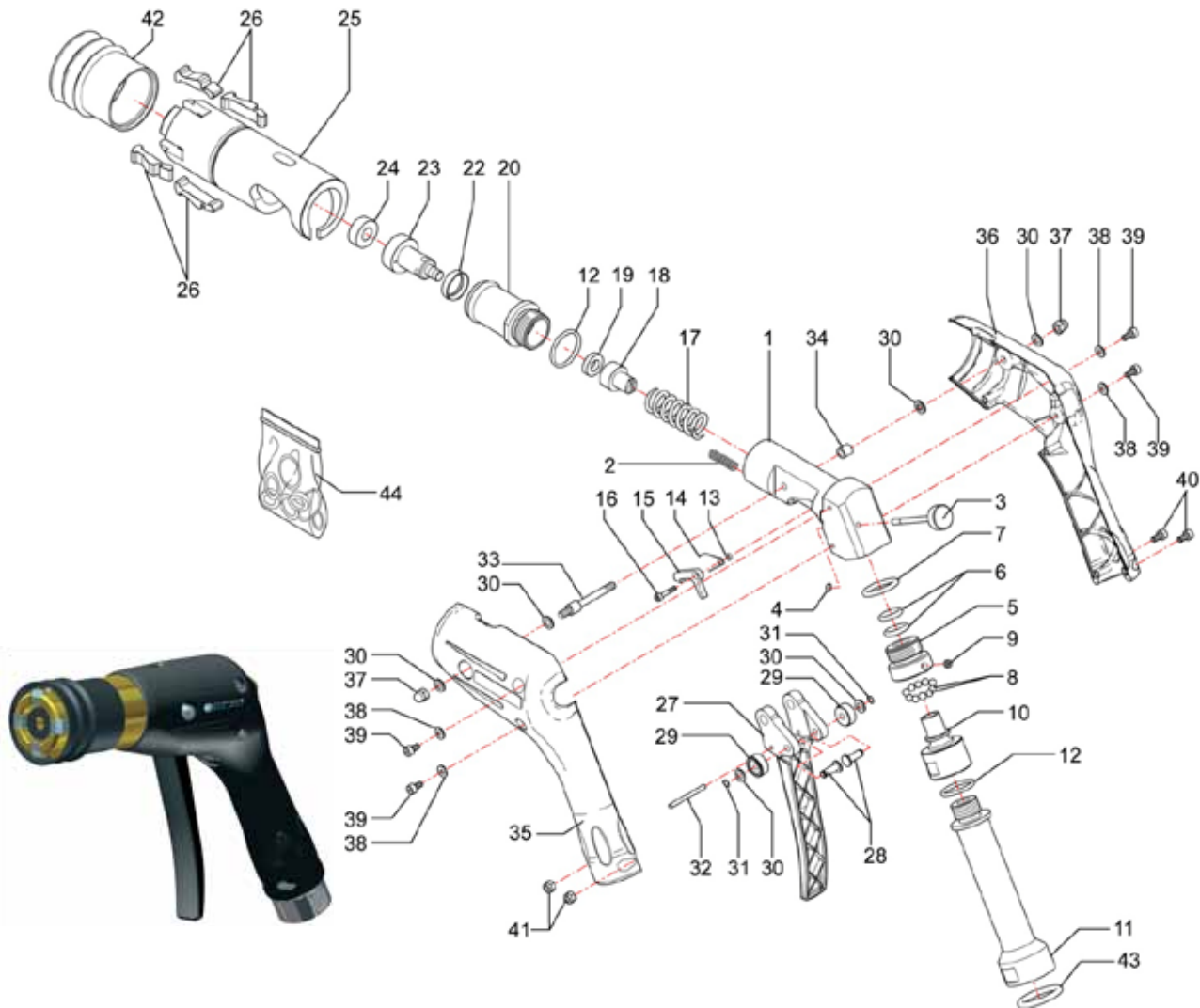
4.2. BN NT3



#	Part #	Name	Qty	Price
2.	NOT301	Body	1	---
3.	OT302	Bushing	1	
4.	OC001	Ball	6	
5.	OC005	Flexible Ring	1	
6.	OT303	Inner Frame	1	
7.	OC010	O- Ring	2	
8.	OT304	Junction	1	
9.	OC011	O- Ring	1	
10.	NOT405	Lever	1	
11.	NOT305	Hook Or Latch	1	
12.	NOT306	Spring	1	
13.	OC097	Pin	1	
14.	OC039	Screw	1	
15.	OC050	Nut	1	
16.	OT309	Spring	1	---
17.	OT320	Complete Valve ¹⁾	1	---
18.	OC012	O- Ring ¹⁾	1	
19.	OT312	Head ¹⁾	1	---
20.	OC013	Gasket ¹⁾	1	---
21.	OT313	Piston ¹⁾	1	---
22.	OT314	Gasket ¹⁾	1	
23.	NOT303	Sleeve ALUM	1	
	NOT303B	Sleeve BRASS	1	
24.	OT316	Hammer	4	
25.	OC105	Pin	1	
26.	OT414	Spring	1	
27.	OC098	Pin	1	
28.	OT404	Roller	2	
29.	NOT302	Guard	1	
30.	OT420	Flexible Dust Cover	1	
31.	OT319	Set Of Gaskets	1	
32.	NOT307	Disc "NT3"	1	
	NOT3KIT	NOT3 KIT (1) included)		

NEW! FREE nozzle repair!!!

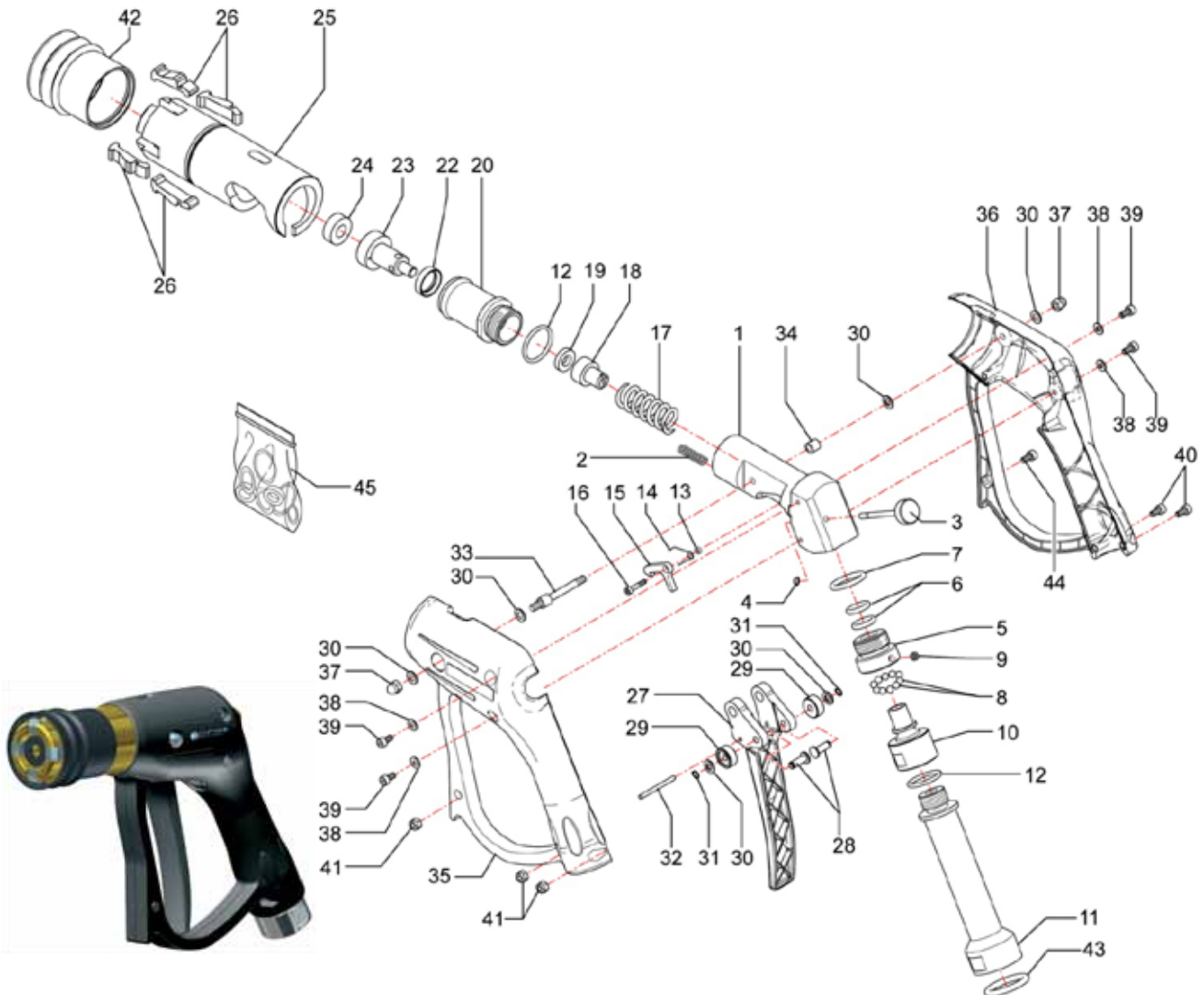
4.3. BN300B



#	Part #	Name	Qty	#	Part #	Name	Price
	BN300B	BODY		23	SB320	Piston	
1	SB301	Spring		24	OT314	Gasket NBR	
2	SB312	Push Button		25	PSB313B	Sleeve	
3	SB303	Seeger		26	OT412	Hammer	
4	OC223	Junction		27	SB306	Lever	
5	SB309	O-Ring 3056 (118) NBR		28	SB305	Pin	
6	OC010	O-Ring - 4091 (126) NBR		29	SB304	Roller Delrin	
7	OC012	Ball		30	OC072	Washer Ø5	
8	OC003	Screw		31	OC212	Seeger	
9	OC034	Junction		32	SB322	Pin Ø3x36	
10	SB310	Junction		33	SB302	Lever Pin	
11	SB311	O-Ring - 132 NBR		34	OC218	Bushing	
12	OC023	Spacer Ø3x5x2 Nylon		35	SB314	SX Guard	
13	OC225	Hook Spring		36	SB315	DX Guard	
14	SB308	Hook		37	OC219	Nut M5	
15	SB307	Bolt M3x16		38	OC220	Washer Ø4x9x0,8	
16	OC224	Spring		39	OC215	Bolt M4x8	
17	OT407	Valve		40	OC222	Bolt M4x12	
18	SB321	Gasket		41	OC211	Nut M4	
19	PSA919	Head		42	OT420	Dust Cover NBR	
20	SB319	Gasket NBR		43	OC011	O-Ring- 4112 (136) NBR	
22	OC013	BODY		44	SB317	Gasket	

NEW! FREE nozzle repair!!!

4.4. BN300B-HG



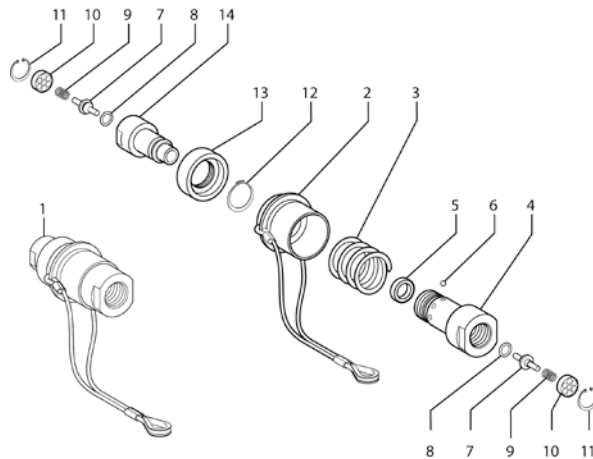
#	Part #	Name	Price	#	Part #	Name	Price
	BN300B-HG	Nozzle		23	SB320	Piston	
1	SB301	Spring		24	OT314	Gasket NBR	
2	SB312	Push Button		25	PSB313B	Sleeve	
3	SB303	Seeger		26	OT412	Hammer	
4	OC223	Junction		27	SB306	Lever	
5	SB309	O-Ring 3056 (118) NBR		28	SB305	Pin	
6	OC010	O-Ring - 4091 (126) NBR		29	SB304	Roller Delrin	
7	OC012	Ball		30	OC072	Washer Ø5	
8	OC003	Screw		31	OC212	Seeger	
9	OC034	Junction		32	SB322	Pin Ø3x36	
10	SB310	Junction		33	SB302	Lever Pin	
11	SB311	O-Ring - 132 NBR		34	OC218	Bushing	
12	OC023	Spacer Ø3x5x2 Nylon		35	SB314	SX Guard	
13	OC225	Hook Spring		36	SB315	DX Guard	
14	SB308	Hook		37	OC219	Nut M5	
15	SB307	Bolt M3x16		38	OC220	Washer Ø4x9x0,8	
16	OC224	Spring		39	OC215	Bolt M4x8	
17	OT407	Valve		40	OC222	Bolt M4x12	
18	SB321	Gasket		41	OC211	Nut M4	
19	PSA919	Head		42	OT420	Dust Cover NBR	
20	SB319	Gasket NBR		43	OC011	O-Ring- 4112 (136) NBR	
22	OC013	Уплътнение		45	SB317	Set of gaskets	

NEW! FREE nozzle repair!!!

4.5. Beakaway for LPG hose

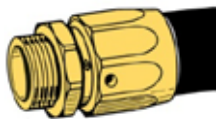
OAS 400

#	Part #	Име	Лева
1.	OAS400	Quick rel. safety	
2.	OAS403	Body	
3.	OAS407	Spring	
4.	OAS401	Junction	
5.	OC041	Ring	
6.	OC003	Ball	
7.	OAS405	Valve	
8.	OC042	Ring	
9.	OAS408	Spring	
10.	OAS406	Bushing	
11.	OC143	Ring	
12.	OC142	Ring	
13.	OAS404	Ring nut	
14.	OAS402	Pipe fitting	



OC123		Braekaway	
OC126		Body	

4.6. Hose ends



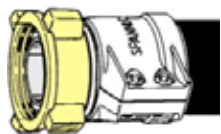
Male thread,

-MS brass

-CR chromed
brass

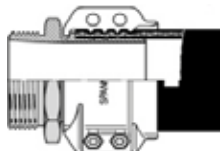
Size	Thread	Part #	-MS - brass	-CR - chrom
15 x 5	¾" BSP male	VHV-155075-MS		
16 x 5	¾" BSP male	VHV-165075-MS		
16 x 5	1" BSP male	VHV-165100-		
19 x 4	1" BSP male	VHV-194100-MS		
19 x 5	¾" BSP male	VHV-195075-MS		
19 x 5	1" BSP male	VHV-195100-MS		
19 x 6	¾" BSP male	VHV-196075-MS		
19 x 6	1" BSP male	VHV-196100-MS		
25 x 5	1" BSP male	VHV-255100-MS		
25 x 6	1" BSP male	VHV-256100-MS		

ACME threaded hose ends for safety clamps



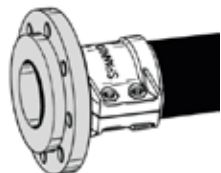
Part #	For hose	ACME female thread	Price
MSL-256175	25x6	Fem. threethread ACME 1¼"	
MSL-326175	32x6	Fem. threethread ACME 1¼"	
MSL-508225	50x8	Fem. threethread ACME 2¼"	
MSL-508325	50x8	Fem. threethread ACME 3¼"	
MSL-758325	75x8	Fem. threethread ACME 3¼"	

NPT threaded hose ends for safety clamps.



SVC-256100-ST	25x6	Male thread NPT 1"	
SVC-326125-ST	32x6	Male thread NPT 1 ¼"	
SVC-387150-ST	38x7	Male thread NPT 1 ½"	
SVC-507200-ST	50x7	Male thread NPT 2"	
SVC-758300-ST	75x8	Male thread NPT 3"	

Flanged hose ends for safety clamps. Flange PN25/40 steel



FSL-025006-ST2	25x6	Flange DN32 PN25/40 & flange	
FSL-032006-ST2	32x6	DN40 PN25/40	
FSL-038007-ST2	38x7	flange DN40 PN25/40	
FSL-050008-ST2	50x8	flange DN50 PN25/40	
FSL-075008-ST2	75x8	flange DN80 PN25/40	

Reduction Female ACME x Male NPT for liquid phase (w/o equalizing), brass



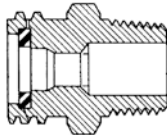
Part #	NPT thread	ACME thread	Price
3175B	½" M NPT	1 ¾" Female ACME	
3175	¾" M NPT	1 ¾" Female ACME	
3175A	1" M NPT	1 ¾" Female ACME	
3185	1 ¼" M NPT	2¼" Female ACME	
3195	2" M NPT	3¼" Female ACME	

Reduction Female ACME x Male NPT for vapor phase (w/ equalizing), brass



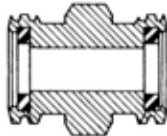
3171	3/8" NPT	1¼" ACME	
3171A	½" NPT	1¼" ACME	
3181	¾" NPT	1¾" ACME	
3181A	1" NPT	1¾" ACME	
3191	1 ¼" NPT	2 ¼" ACME	

Reduction Male ACME x Male NPT, brass or steel



Part #	NPT thread	ACME thread	Price	Seal	Price
5765E	1" NPT	ACME 1¾"		A2697-20R-1	
5767H	2" NPT	ACME 2¼"		A3184-8R-1	
5769H	2" NPT	ACME 3¼"		A3194-8R-1	
5769K	3" NPT	ACME 3¼"			
A5765E	1" NPT, ST	ACME 1¾"		A2697-20R-1	
A5769H	2" NPT, ST	ACME 3¼"		A3194-8R-1	
A5769K	3" NPT, ST	ACME 3¼"			

Double nipple Male ACME x Male ACME, brass



Part #	NPT thread	ACME thread	Price	Seal	Price
5765M	ACME 1¾"	ACME 1¾"		A2697-20R-1	
5767M	ACME 2¼"	ACME 2¼"		A3184-8R-1	
5769M	ACME 3¼"	ACME 3¼"		A3194-8R-1	

Reduction flange DN50PN25/40 to male ACME thread, steel

Part #	Flange	ACME thread	Price	Seal	Price
FGM-A5765E	DN50PN25/40	ACME 1¾"		A2697-20R-1	

Flange DN25/40 with threaded hole

Part #	Flange	Female thread	Price
FGM-050100-ST-NPT	DN50PN25/40	1" fem NPT	

Seal for male ACME, NBR

Part #	Description	Price per peace	
		for 1 pc	In pack
A2797-20R-1	For ACME 1¼"		
A2697-20R-1	For ACME 1¾"		
A3184-8R-1	For ACME 2¼"		
A3194-8R-1	For ACME 3¼"		

ACME plugs + chain + ring, Nylon





C5763N	Plug, male thread ACME 1 ¼"	
C5765N	Plug, male thread ACME 1 ¾"	
C5767N	Plug, male thread ACME 2 ¼"	
C5769N	Plug, male thread ACME 3 ¼"	

ACME cap + chain + ring



3144-91	Cap female thread ACME 1 ¼"	
3174-93	Cap female thread ACME 1 ¾"	
3184-90	Cap female thread ACME 2 ¼"	
3194-90	Cap female thread ACME 3 ¼"	

Blind flanges and gaskets for LPG

DN	Blind flange, steel	Gaskets for LPG, 2mm	
		Part #	Price
DN 15		FL-DIN2527-DN15	
DN20		FL-DIN2527-DN20	
DN25		FL-DIN2527-DN25	
DN32		FL-DIN2527-DN32	
DN40		FL-DIN2527-DN40	
DN50		FL-DIN2527-DN50	
DN65		FL-DIN2527-DN65	
DN80		FL-DIN2527-DN80	
DN100		FL-DIN2527-DN100	
			
		Part #	Price
		C4300-DN15	
		C4300-DN20	
		C4300-DN25	
		C4300-DN32	
		C4300-DN40	
		C4300-DN50	
		C4300-DN65	
		C4300-DN80	
		C4300-DN100	

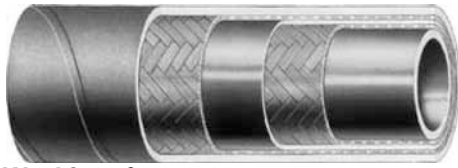
Adapters for liquid and vapor phase REGO



Part #	Name	Price
7573DC	Adapter 1 ¼" ACME, ¾" M NPT, vapor phase	
3183AC	Adapter 1 ¾" ACME, 1 ¼" M NPT, vapor phase	
7579CT	Adapter 1 ¾" ACME, 1 ¼" M NPT, liquid phase	
6579C	Adapter 1 ¾" ACME, 1 ¼" M NPT, liquid phase, Hi flow	

4.7. Hoses for LPG

RUBBER HOSE Parker ROBUR



Working t°: -30°C ÷ +70°C
Tolerances: Lenght: ± 1%

Hose Construction

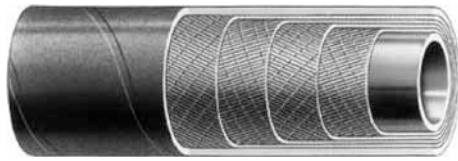
Tube: Low diffusion rate seamless extruded NBR rubber compound of uniform thickness.

Reinforcement: Two braids of high tensile steel wire

Cover: Black, SBR/CR rubber compound pin-pricked to prevent the formation of blisters, resistant to abrasion, oils, ozone and weathering.

Applications. Liquid gas applications (methane, propane, LPG) in the loading and unloading of tankers and in the service stations.

RUBBER HOSE Parker GASTRUCK 1762



According to EN 1762

Working t°: -30 °C ÷ +70°C
Tolerances: Lenght: ± 1%

Hose Construction

Tube: Low diffusion rate NBR rubber compound of uniform thickness

Reinforcement: Synthetic textile fabrics, embedded built-in copper wire to facilitate the electrical connection between the hose and the end couplings

Cover: Black, smooth, antistatic (R < 1 MW/m), abrasion, oil, fuel and weather resistant NBR/SBR rubber compound. Pin-pricked to prevent the formation of blisters.

Applications. Liquid gas application (methane, propane, LPG) loading of tankers. According to EN 1762

ELAFLEX LPG



Correspond to EN standard 1762.

Working t°: -40 °C ÷ +70°C

Hose Construction

Tube: Nitrile rubber (NBR), black, seamlessly extruded, electrically conductive, diffusion resistant

Reinforcement: 2 textile braids/2 crossed tinned copper strands

Cover: Chloroprene (CR), black, perforated, electrically conductive, flame and abrasion resistant, ozone - UV and ageing resistant.

Applications. As reel hose for supplies to domestic and industrial storage tanks, as pump hose for vehicle refuelling, for bulk loading and unloading from rail tankers, road tankers and ships.

#	Part #	I.D. /mm/	O.D. /mm/	Work P	Burst P	Weight /kg/	Bend R	Price
ROBUR								
1.	IH36520564	16	26,6	50 bar	760 bar	0,80	95 mm	
2.	IH36520565	19	39,5	50 bar	620 bar	1,03	100 mm	
3.	IH36520566	25	38,5	50 bar	560 bar	1,41	150 mm	
4.	IH36520567	32	45,6	30 bar	440 bar	1,82	200 mm	
5.	IH36520568	38	52	30 bar	340 bar	2,00	280 mm	
6.	IH36520569	51	66,5	30 bar	320 bar	2,86	350 mm	
GASTRUCK 1762								
7.	IH30515072	16	26	25 bar	100 bar	0,47	100 mm	
8.	IH36520580	19	31	25 bar	100 bar	0,61	160 mm	
9.	IH36520581	25	38	25 bar	100 bar	0,83	200 mm	
10.	IH36520582	32	45	25 bar	100 bar	1,00	250 mm	
11.	IH36520583	38	52	25 bar	100 bar	1,27	320 mm	
12.	IH36520584	50	66	25 bar	100 bar	1,84	400 mm	
LPG								
13.	LPG16	16	26	25 bar	40 bar	0,5	90 mm	
14.	LPG19	19	31	25 bar	40 bar	0,6	100 mm	
15.	LPG25	25	38	25 bar	40 bar	0,8	150 mm	

For other hoses see catalog INDUSTRIAL HOSES.

4.8. Ball valves and solenoids

Ball valves female threaded



Part #	Size	WP	Price
BV-012-MS	½" F	32 bar	
BV-019-MS	¾" F	32 bar	
BV-025-MS	1" F	25 bar	
BV-032-MS	1 ¼" F	20 bar	
BV-038-MS	1 ½" F	20 bar	
BV-050-MS	2" F	16 bar	

Ball valve wafer style FA1 and FA2



Part #	Size	WP	Price
BV-FA1-015-ST	DN15	40 bar PN40	
BV-FA1-020-ST	DN20	40 bar PN40	
BV-FA1-025-ST	DN25	40 bar PN40	
BV-FA1-032-ST	DN32	40 bar PN40	
BV-FA1-038-ST	DN40	40 bar PN40	
BV-FA1-050-ST	DN50	40 bar PN40	
BV-FA2-065-ST	DN65	40 bar PN16/40	
BV-FA2-080-ST	DN80	40 bar PN40	
BV-FA2-100-ST	DN100	16 bar PN16	

3-way ball valve FA4 tpe 'L'



Part #	Size	WP	Price
BV-FA4-015-ST	DN15	40 bar PN40	
BV-FA4-020-ST	DN20	40 bar PN40	
BV-FA4-025-ST	DN25	40 bar PN40	
BV-FA4-032-ST	DN32	40 bar PN40	
BV-FA4-040-ST	DN40	40 bar PN40	
BV-FA4-050-ST	DN50	40 bar PN40	
BV-FA4-065-ST	DN65	40 bar PN40	
BV-FA4-080-ST	DN80	40 bar PN40	
BV-FA4-100-ST	DN100	40 bar PN40	



Dais offer pneumatic and electric actuators 5211 standard for ball valves, butterfly valves, etc.

For prices consult Dais offices



EV246C		Solenoid valve DANFOSS ¾", 25bar, 230V, 2 stages, ATEX, normally closed	
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4.9. Valves and fittings ReGo

Excess flow valve



Part #	Material	Inlet, M.NTP	Outlet F.NPT	Key	Effective length	Price
12472	Brass	3/4"	3/4"	1 3/8"	1 3/8"	
3272E						
3272F						
3272G						
A3272G	Steel					
3282A	Brass	1 1/4"	1 1/4"	2"	1 15/16"	
3282B						
3282C						
A3282C	Steel					
7574	Brass	1/2"	1/2"	2 1/4"	1 3/4"	
7574L						
3292A	Steel	2"	2"	2 7/8"	1 7/8"	
A3292A						
3292B						
A3292B						
A3292C	Steel					

CHECK VALVE

Designed to provide protection of a container opening when desired flow is always into the vessel. May be used in line applications where flow must be limited to one direction. When used with the appropriate single check filler valve, the combination forms a double check filler valve suitable for use in filling of bulk storage tanks.



Part #	Material	Inlet, M.NTP	Outlet F.NPT	Key	Length	Price
3146	Brass	3/4"	3/4"	1 15/16"	1 3/8"	
3146S*	Brass					
A3146	Steel					
3176	Brass	1 1/4"	1 1/4"	2"	1 15/16"	
A3176	Steel					
A3276BC*	Steel					
A3186	Steel	2"	2"			
A3187S*	Steel	2"M & 1 1/4"F	2"M & 1 1/4"F			
A3196	Steel	3"	3"			

* With rubber seal

Exceed valve for manometers



Designed for container use in pressure gauge installations to minimize excess gas discharge in the event the pressure gauge is sheared. A suitable shut-off valve should be installed between this valve and the pressure gauge to allow convenient gauge replacement.

Materials:

Body – brass, valve – brass,
 spring – SS, Pin – SS

Part #	Inlet, M.NTP	Outlet F.NPT	Wrench	Length	Price
2884D	3/4"	1/4"	1 1/16"	1 1/4"	

Excess Flow Valve for DOT Cylinders



Designed for use on portable systems with vapor or liquid including torches, heaters, lead melting burners, tar and asphalt burners, wallpaper steamers and other applications involving portable DOT cylinders. The POL inlet attaches directly to the cylinder valve and the outlet mounts to the regulator.

Materials: Body – brass, nut – brass, bell – SS, spring - SS, retainer spring – SS, Retainer – SS

Part #	Inlet, M.NTP	Wrench	Length	Price
3199W	1/4"	7/8"	1 1/4"	

VENT VALVES 3165C, 3165S and TSS3169

Assigned to bleed off liquid or vapor pressures trapped in transfer lines. When installed in the downstream boss of RegO® globe and angle valves used at the end of a liquid transfer hose, the bleeder valve allows for the controlled venting of the product and indicates to the operator that the valves are closed and he can disconnect the coupling.



Part #	Thread	Accessoires – table		Price
		Part #	Price	
3165C	¼" NPT.M	2550-40P		
3165S				
TSS3169				

NEEDLE VALVES 1224, 1316 and 1318

The 1224 may be used as a small, inexpensive shut-off valve between a pressure gauge and bulk storage container to allow for convenient gauge replacement.

The 1316 and 1318 provide taper pipe thread by left hand hose connection threads and are useful in a wide range of torch and fuel burner applications where an accurate throttling action is required.



Part #	Inlet	Outlet	Height	Length	Price
1224WA	¼" M NPT	¼" NPT	4mm	4.5mm	
1316WA	9/16" 18 L.H.	1/8" NPT			
1318WA		¼" NPT			

External Hydrostatic Relief Valves

Designed especially for the protection of piping and shut-off valves where there is a possibility of trapping liquid LP-Gas or anhydrous ammonia.

Materials: Body (3125, 3127, 3129): Brass; Body (SS8001, SS8002, SS8021, SS8022): SS; Spring: SS; Seat Disc: Resilient Rubber

Part #	Bar	Body	Thread	Height	Accessoires		Price		
					Cap	Pipe, Thread			
3129-10	17.2	SS	¼"	22	-	-			
SS8001G			½"						
SS8002G			¼"	35		¼" NPSM Thrds			
SS8021G			½"			¾" NPT Thrds			
SS8022G		MS	¼"	50		7545-40	-		
3127G			½"				66	3129-10*	
3129G			¼"				50	-	
3127H			½"				66	3129-10*	
3129H			¼"				50	-	
3127P			½"				66	3129-10*	
3129P	20.7	SS	½"	35	-	¾" NPT Thrds			
SS8022P		MS	¼"	50	7545-40	-			
3127J	½"		66			3129-10*			
3129J	SS		¼"	22		-	-		
SS8001J			½"				35	¼" NPSM Thrds	
SS8002J		¼"	35	¾" NPT Thrds					
SS8021J		½"							
SS8022J	25.9	MS	¼"	50	7545-40	-			
3127K			½"			66	3129-10*		
3129K			¼"	40		включен	-		
3125L			50			7545-40			
3127L	27.6	MS	½"	66	3129-40P	3129-10*			
3129L			SS	¼"	22	-	-		
SS8001L				½"					
SS8002L				¼"	35		¼" NPSM Thrds		
SS8021L	½"	¾" NPT Thrds							
SS8022L	31	MS	¼"	50	7545-40	-			
3127U			½"			66	3129-10*		
3129U		SS	¼"	22		-	-		
SS8001U			½"						
SS8002U	¼"		25	¼" NPSM Thrds					
SS8021U	½"			¾" NPT Thrds					
SS8022U									

External "Pop-Action" Pressure Relief Valves

Designed for use as a primary relief valve on ASME above ground and underground containers, bulk plant installations and skid tanks. The 3131 Series may also be used as a primary or secondary relief valve on DOT cylinders, or as a hydrostatic relief valve.

3135-10



3135



A3149



AA3135



W3132G



3132-10



	Open at, bar	Thread to tank M.NPT	Materials				Price
			Body	Guide	Spring	Int. threat.	
AA3126L030	2	1/2"	AL	AL	SS	-	
AA3126L250	17	1/2"	AL	AL	SS	-	
3131G		3/4"	BR	BR	ST	-	
AA3130UA250			BR	BR	ST	-	
W3132G		1"	BR	BR	ST	-	
3132G		1 1/4"	BR	BR	ST	-	
T3132G			BR	BR	ST	-	
MV3132G			BR	BR	ST	-	
3135G			AL	AL	SS	-	
AA3135UA250		AL	AL	SS	-		
3133G		1 1/2"	BR	BR	ST	-	
A3149G		2 1/2"	SS	SS	SS	SS	
AA3130UA265		18	3/4"	AL	AL	SS	-
AA3135UA265	1 1/4"		AL	AL	SS	-	
AA3126L312	22	1/2"	AL	AL	SS	-	

DuoPort® Pressure Relief Valve Manifolds 8542



Designed especially for use as a primary relief device on smaller stationary storage containers, with 2" NPT threaded couplings. These manifolds allow servicing or replacement of either of the two relief valves without evacuating the container or loss of service. The operating lever selectively closes off the entrance port to the relief valve being removed while the remaining valve provides protection for the container and its contents. The rating of each manifold is based on actual flow through the manifold and a single pressure relief valve, taking friction loss into account. It is not merely the rating of the relief valve alone.

Part #	Pressure	Inlet	Accessoires	Price
8542G	17.2 bar	2"	2 x 3135MG + 2 x 3135-10	

Multiport™ Pressure Relief Valve Manifold Assemblies A8560 and A8570



Designed especially for use as a primary relief device on large stationary pressurized storage containers with flanged openings. These manifolds incorporate an additional relief valve, not included in the flow rating, allowing for servicing or replacement of any one of the relief valves without evacuating the container. The handwheel on the manifold selectively closes off the entrance port to the relief valve being removed while the remaining relief valves provide protection for the container and its contents. All manifold flow ratings are based on flow through the relief valves after one has been removed for service or replacement.

Part #	Inlet	Accessoires	Pressure	Price
A8563G	3"-300#	3 x A3149MG + 3 x 3149-40	17.2 bar	
A8564G	3"-300#	4 x A3149MG + 4 x 3149-40	17.2 bar	
A8573G	4"-300#	3 x A3149MG + 3 x 3149-40	17.2 bar	
A8574G	4"-300#	4 x A3149MG + 4 x 3149-40	17.2 bar	

Fully Internal "Pop-Action" Pressure Relief Valves



Designed specifically for use as a primary relief valve in ASME transports and delivery trucks with 2" and 3" NPT couplings.

MATERIALS:

Spring..... Stainless Steel
 Stem..... Stainless Steel
 Stem Bushing..... 17 - 4PH Stainless Steel
 Seat Disc..... Resilient Synthetic Rubber

Part #	Bar	Thread	Protective cap, included	Price
A8434N	18	2" M. NPT	A8434-11B	
A8434G	17			
A8436N	18	3" M. NPT	A8436-11B	
A8436G	17			

Semi-Internal "Pop-Action" Pressure Relief Valves



7583G, 8684G, 8685G. Designed for use as a primary relief valve on ASME containers such as 250, 500 and 1,000 gallon tanks. Underwriters' Laboratories lists containers systems on which these types of valves are mounted outside the hood without additional protection, if mounted near the hood and fitted with a protective cap..

7534G and 7534. Designed especially for use as a primary relief valve on large stationary storage containers, these low profile relief valves are generally mounted in half couplings. However, they are designed so that the inlet ports clear the bottom of a full 2" coupling. This assures that the relief valve should always be capable of maximum flow under emergency conditions..

Part #	External thread	Bar	Thread to tank	Safety cap	Price
7583G	ACME	17	¾"	7583-40X	
8684G	ACME	17	1"	8684-40	
8685G	ACME	17	1 ¼"	7585-40X	
7534B	M. NPT	9	2"	7534-40	
7534G	M. NPT	17			

4.10. Level gauges for LPG

1" Rotogages® for Large Mobile and Stationary Containers A9090 Series

Rotogages® are designed to provide an accurate determination of LPGas or anhydrous ammonia container contents. They mount in a standard 1" NPT coupling on large mobile or stationary containers.

To operate the Rotogages®, the vent valve is opened and the dip tube rotated slowly from the container vapor space to the liquid space. The difference in appearance of the discharge indicates when the liquid level is reached. Dial readings then indicate the percentage of product in the container.



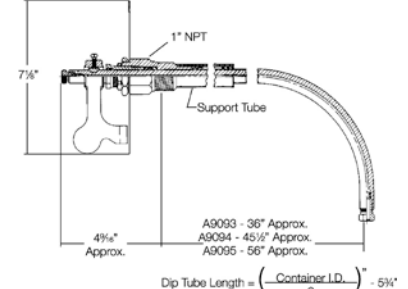
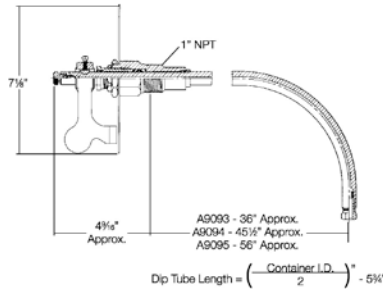
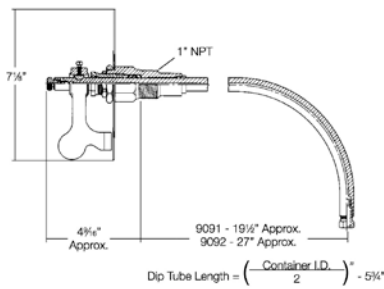
Features

- Supported design (TS Models) eliminates whipping and the need for internal support hangers.
- Resistance-free nylon bearing inserts reduce friction and promote operating ease.
- Dial face is dual calibrated to provide greater accuracy in reading contents in containers which are not level.
- Interchangeable accessory dials permit interchangeable service between LP-Gas and anhydrous ammonia.

Dip tube ordering information

Part #		Ellipsoidal Heads		Hemispherical Heads	
For Mobile or Stationary Containers	For Stationary Containers Only	Side Mounted	End Mounted	Side Mounted	End Mounted
9091RM24	-	30"-45"	30"-75"	30"-45"	30"-45"
9092RM36	-	46"-61"	76"-108"	46"-61"	46"-61"
9093TSM48*	9093RSM48	62"-79"	109"-147"	62"-79"	62"-79"
9094TSM60*	9094RSM60	80"-99"	-	80"-99"	80"-99"
9095TSM72*	9095RSM72	100"-147"	-	100"-147"	100"-147"

* Supported Design



3/4" Rotogages® for Small Stationary and Mobile LP-Gas Containers 2070 Series

Rotogages® are designed to provide accurate determination of LP-Gas container contents. They may be end or side mounted in a standard 3/4" NPT coupling on stationary or mobile containers.

To guarantee accurate measurement, they should not be used on stationary containers that exceed 60" I.D. or on mobile containers, subject to vibration, with an I.D. of more than 24".

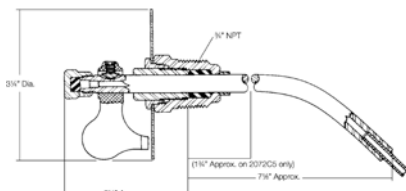


Features

- Provides long, trouble-free performance and ease of operation.
- Polished stems assure bind-proof operation.
- Dial face is dual calibrated to provide greater accuracy in reading contents in containers which are not level.

Rotogages® are designed to provide accurate determination of LP-Gas container contents. They may be end or side mounted in a standard 3/4" NPT coupling on stationary or mobile containers.

To guarantee accurate measurement, they should not be used on stationary containers that exceed 60" I.D. or on mobile containers, subject to vibration, with an I.D. of more than 24".



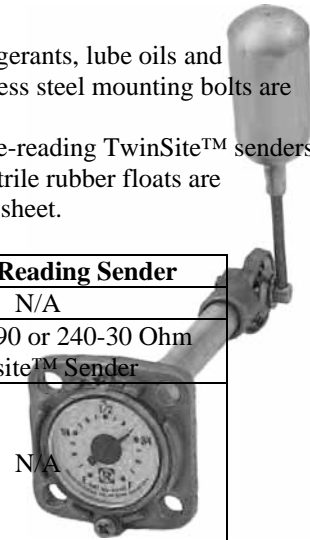
Rotogages® part #	Price	Dip tube	For container diammer
2070CO		2071-L25.7	Up to 40"
		2071-L39.7	Up to 40"

Rochester M6200

M6200 Series gauges are widely used to measure liquid levels of fuels, hydraulic fluids, refrigerants, lube oils and cryogenic products in pressurized tanks, columns or vessels up to 300 PSIG [20,7Bar]. Stainless steel mounting bolts are optional.

Direct-reading fractional dials, gear actions and aluminum floats are standard models. Remote-reading TwinSite™ senders are available for some models. Lever actions are available for centerline mounted models. Nitrile rubber floats are optional. Please refer to instructions on “How to Order” on reverse side of this technical data sheet.

Model #	Type	Mounting	Standard Direct Reading Dial	Remote-Reading Sender
M6281	Jr.	Top	5323S01793	N/A
M6240	Sr.		C/L or Angle	N/A
M6243		Top		5025S00570 (Side Reading)
M6260			C/L or Angle	5002S00062
M6280		Top		5013S00456 (4")
M6283		C/L or Angle		
M6290		Top		
M6293		C/L or Angle		
M6250	Sr.	Top	Standard Switch #5023S00778, S.P.S.T., 150 VDC, 1/2 Amp. Please furnish tank drawings and switch points so proper gauge and calibration can be supplied. Other switches available, see DS-364.	
M6253	Switchgauge	C/L or Angle		



Rochester 6200

Junior gauges are supplied standard with 0015-00007 Buna-N gasket and four 0040-00414 zinc-plated steel mounting screws (1/4" — 28 x 7/8") for attachment to a gauge adapter with 2.03" [51,5] diameter bolt circle (see Rochester Machining Standard MS-501).

Models 6281 and 6284 Junior gauges used on above ground ASME storage tanks are equipped with direct reading 5323S01749 percentage dials. Model 6281 Junior gauges used on below ground ASME storage tanks are equipped with direct-reading 5323S01813 percentage dials. Models 6241 and 6244 Junior gauges used on ASME motor fuel tanks are equipped with direct-reading 5323S01789 fractional dials. Refer to list #D6200 for part numbers of the various direct-reading dials for model 6281 and 6284 Junior gauges used on DOT lift truck cylinders.

All gauges in the 6240 series and B6240 series incorporates a stronger magnet necessary to drive remote reading TwinSite™ senders in motor fuel applications. Refer to list #D6200 for part numbers and ohm ranges available.

All Senior gauges except models 6290 and 6293 come equipped with 0015-0004 Buna-N gaskets and four 0040-00415 zinc plated steel mounting screws, (5/16" — 24 x 7/8"), for attachment to a gauge adapter with 2.5" [63,5] diameter bolt circle (see Rochester Adapter Machining Standard MS-502). Model 6280 and 6283 Senior gauges used on above ground ASME storage tanks are equipped with direct-reading 5001S00001 percentage dials.

Models 6290 and 6293 Senior gauges with stainless steel heads may be used on above ground horizontal or vertical ASME storage tanks over 3500 [13250 liters] gallon capacity and are equipped with cap screws, teflon-filled, stainless steel gaskets, stronger magnets and direct-reading 4" diameter percentage dials. Tank drawings must be furnished for all vertical tanks so we can recommend computer generated gauge adapter placement to correspond with an assortment of standard dials and dial sets calibrated for vertical tanks.



Rochester 6300

The 6300 Series Magnetel™ liquid-level gauges are designed to accurately determine the percentage of total tank volume for most liquids in stationary storage applications. UL listed for LP Gas and NH3 service.

These Magnetel™ Gauges are available in four basic models:

- Incorporates 4" [100 mm] dial and is designed for top mounting.
- Incorporates 8" [200 mm] dial and is designed for top mounting.
- Incorporates 4" [100 mm] dial and is designed for side, end or angle mounting.
- Incorporates an 8" [200 mm] dial and is designed for side, end or angle mounting.

The large, easy-to-read dials are also easy to remove and replace. Materials of construction vary depending on the types of liquids to be gauged. Many different options are available to meet your specific needs. These materials and options, along with their pricing impact,

are summarized for each model in price list 6300.



iTouch

OPW's SiteSentinel® iTouch™ is a multifunction, high-quality tank-monitoring system that provides real-time, accurate inventory information for up to 16 underground storage tanks. The enhanced performance of the SiteSentinel® iTouch™ improves data processing, allows for future system expansion and can be customized to meet each user's needs.



For LPG applications iTouch needs .

- Provides real-time, accurate inventory information
- Displays gross- or net-corrected tank volume, product level, water level, and temperature for individual tanks
- Available output module provides multi-purpose relays, which can be used for outputs such as overflow or sensor alarms
- Third-Party certified automatic or on-demand leak detection meets and/or exceeds U.S. Environmental Protection Agency regulatory requirements

4.11. Manometers and sight flow indicators



Designed to promote maximum pump efficiency, these indicators enable bulk plant operators to visually inspect liquid flow conditions. With glass on both sides of the indicator, flow can be observed from either side, even under some poor light conditions. The integral swing check also serves as a back-check valve to prevent reverse flow and product loss if the hose fails in a loading operation



Part #	Description	Price
A7794	Sight glass 2" female NPT thread	
A7796	Sight glass 3" female NPT thread	



Part #	Description	Price
MM100GL	Manometer WIKA, 25bar, glycerine filled, DN100, 3/4" thread, ATEX	
TM-413425	Manometer axial, pressure 0-25bar, Ø63, brass connection 1/4", max t° 60°C	
TM-413525	Manometer radial, pressure 0-25bar, Ø63, brass connection 1/4", max t° 60°C	
TM-1623008	Manometer T-METER, axial, pressure 0-25bar, Ø63, brass connection 1/4", max t° 60°C	
TM-1613008	Manometer T-METER, radial, pressure 0-25bar, Ø63, brass connection 1/4", max t° 60°C	

4.12. Pumps for LPG

Помпи за газ STERLING SIHI



Дебит: макс. 30 m³/h
 Диференциално налягане: max 18 bar
 Скорост: макс. 1800 rpm
 Уплътнение на вала: стандартно механично уплътнение
 Нормално налягане: PN 25
 Обем на резервоара: max. 200 m³
 Засмукване: макс. 4 m LPG : -100% пропан или смес пропан/
 бутан с мин. 20% пропан
 Температура: -25 до 80°C (-40°C опция)
 Фланцови връзки: DIN 2501 PN 25

- Лесни за поддръжка. Възможност за връзка на няколко резервоари. СЕН помпа със запазване на етапа за регулиране на нивото в GG25 (чугун) или GG40.3 (желязо)
 - работа на сухо защитено място
 - Мотор EEx e или EEx d; Манометър; Освобождаване на връзките с кран
 - Байпасен клапан, линия за връщане, клапан с отвор, спирателен вентил и сферичен кран.
- Могат да бъдат поставени на смукателната страна или след помпата. Предлагат се с размери 3/4" и 1".
 Капацитет на филтриране 10 µm.
 Максимално работно налягане 12 bar

Номер	Име	Цена
SIHI-3606-5	Помпа Sihi СЕНА 3606-5	
SIHI-3606-7	Помпа Sihi СЕНА 3606-5	
SIHI-3_6KW	Каре за помпа SIHI 3.6kW	
SIHI-5KW	Каре за помпа SIHI 3.6kW	

BLACKMER LGL 150 series

Applications

- Single and dual hose fuel dispensers
- Aerosol filling
- Vaporizer feed
- Underground tank applications
- Aboveground tank applications
- Other high differential pressure liquefied gas applications
- U.L. listed for use on propane, butane, butane/propane mixes and anhydrous ammonia

Features

- Designed for high differential pressure of 13.7 bar (200 psi)
- Sliding vane, positive displacement design for consistent performance
- Motor speed operation at 1,450 rpm (50Hz) or 1,750 rpm (60Hz) operation
- LGL158 suction lift up to 4 meters – smaller pumps have less lift capability
- LGL154 & 156 Models designed to allow use of single phase motors
- Cavitation suppression liner
- Replaceable liner and discs
- Ductile iron construction
- Flanged inlet and outlet connections

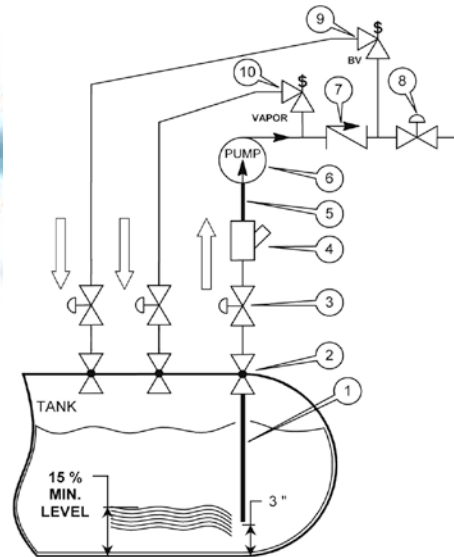


Fig. 5 - Underground Tank Schematic

No.	Description	LGL150 Series Pumps
1	Dip Tube	2"
2	Excess Flow Valve	Fisher F190, Rego A2137A, or equivalent
3	Control Valve - Full Flow Ball	2"
4	Strainer (Optional)	2"
5	Inlet Piping	2"
6	Pump Speeds	1150, 1450, & 1750 RPM
7	Back Check Valve	Fisher G200-16, Rego A7794 (sight glass) or equivalent
8	Control Valve - Full Flow Ball	1.5"
9	Bypass Valve	BV1.5"
10	Priming Valve	Fisher F138* or equivalent
11	Minimum Tank Size	2,000 Gal (7570 liters)

* Blackmer PN: 455750

	Max speed	l/min	kW	Max Δ
LGL154	1750 rpm	42.4	2.2	9.6
LGL156	1750 rpm	79.5	3.6	11
LGL158	1750 rpm	122	4.8	13.8

V. LEVEL GAUGES

5.1. OPW iTouch

OPW's SiteSentinel®iTouch is a multi-function, high-quality tank monitoring system that provides real-time, accurate inventory information for up to 16 underground storage tanks. The enhanced performance of the SiteSentinel®iTouch improves data processing, allows for future system expansion and can be customized to meet each user's needs..



Compliance The certified leak detection meets or exceeds U.S. EPA regulatory requirements, protecting the environment



Easy-to-Use The graphic display gives one-touch access to real-time inventory data, delivery status, alarm conditions, leak detection information and optional density measurement



Automated Programmable Automatic Leak Detection (ALD) can be set to perform routine required leak tests. The system can automatically fax or e-mail alarms and events.



Connectivity Monitors up to 16 probes or sensors that can be connected in any combination. Reports can be printed on the external printer or from SiteConnect™ on the PC printer.



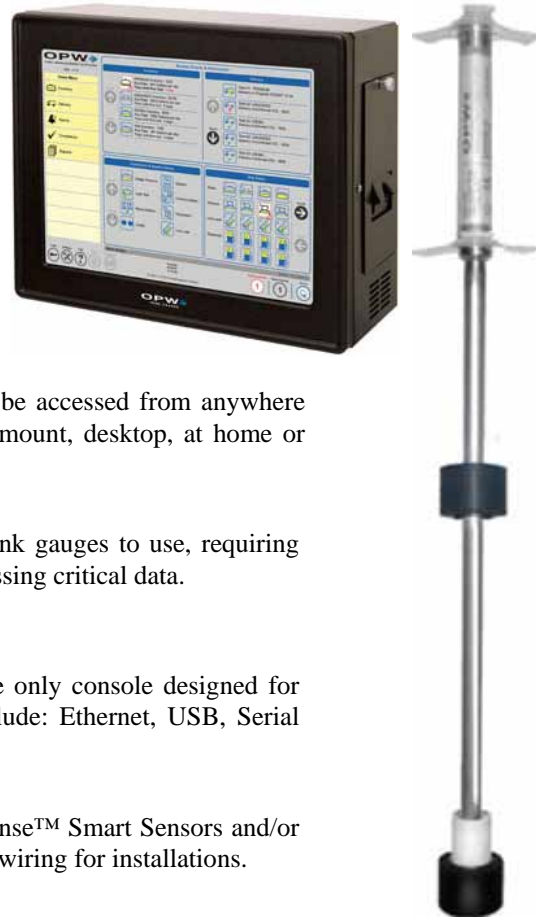
924B probe specification

- All stainless steel construction
- Welded construction – eliminates potential leak points
- Level 1 probe - one probe for all applications
- Easy Installation: Fits in a 5.08 cm to 10.16 cm (2 in. to 4 in.) riser.
- Optional Density Float provides a measure of even the slightest changes in product quality within the specified API density range.

Part #	Description	Price
Interface modules		
iTouch-4	Interface Module for 4 probes/sensors	
iTouch-8	Interface Module for 8 probes/sensors	
iTouch-12	Interface Module for 12 probes/sensors	
iTouch-16	Interface Module for 16 probes/sensors	
Options		
20-4324	External Report Printer with wall mounting bracket and cable	
POS-INT	RS232 Port with cable for POS Connection	
DEL-RPT	Delivery Report Capability	
ALM-KIT	Alarm Functions for Probe and Sensors (includes internal buzzer, flashing display warning and one output for external alarm activation)	
ALD-LEAK	In-Tank Leak Detection capability (requires level 1 probe)	
DENSITY	Density Report Capability (requires Density Measurement Sensor --- 1 per probe)	
TCP/IP	TCP/IP Interface Option Provides Local & Remote LAN/WAN Access	
20-4325E	Alarm E-Mail Notification Function (includes TCP/IP)	
WMS	Function matrologic seal	
Accessoires		
20-1517-04	Model 1 External Modem Cable	
30-0219 - E	OPW Riser Cap and Collar 102mm (4" NPT thread) with grommet --- Aluminum	
30-2015-230	External Alarm (Light/Buzzer/Silence Switch-Outdoor Rated) 230V	
54-1110	Printer Paper (per roll) for External Thermal Printer	
20-8312	Output Module - used with the SiteSentinel iTouch to provide control functions in response to alarm conditions (up to 2 modules per console)	
20-4343	4 Device IS Barrier	

5.2. iSite

The SiteSentinel® iSite™ provides complete tank monitoring, inventory management and environmental compliance that incorporates the latest Windows®-based technology to allow users to view data remotely from anywhere in the world, or via a 15" color LCD touch screen display at the site. The SiteSentinel® iSite™ lowers installation costs by allowing probes, sensors and leak detection devices to be connected via its VSmart module for wireless or single wire interface to the console. In addition, all devices are automatically detected and configured by the push of a button, making it the easiest ATG system in the industry to install, configure and use.



Convenience. The SiteSentinel® iSite™ console can be accessed from anywhere there is internet access: back office front of store, wall mount, desktop, at home or thousands of miles away – it's your choice.



Intuitive SiteSentinel® iSite™ is one of the easiest tank gauges to use, requiring the least amount of training and menu navigation for accessing critical data.



Connectivity The SiteSentinel® iSite™ console is the only console designed for connectivity now and in the future. Available ports include: Ethernet, USB, Serial (RS232, RS485), modem communication ports.



Savings SiteSentinel® iSite™, when used with IntelliSense™ Smart Sensors and/or wireless option, results in the least amount of conduit and wiring for installations.

ВЪЗМОЖНОСТИ

- Large color touchscreen display gives one-touch access to real-time inventory data, delivery status, alarm conditions and leak detection information all accessible from a single cockpit view
- Monitors up to 256 "924B" probes and/or 1,024 Smart sensors that can be connected in any combination
- Monitors up to 64 flex probes
- One system handles a mix of horizontal and vertical tanks utilizing rigid and flexible magnetostrictive probe technologies.
- Provides real-time, accurate inventory information to include gross or net-corrected tank volume, product level, water level and temperature for individual tanks
- Available output modules provide multi-purpose relays, which can be used for outputs such as overflow alarms, sensor alarms or for turning on and off external devices
 - USB and network printer interface
 - SQL database, FTP available for report data
 - System provides programmable correction factors for restrapping tanks (450 points)
 - Software is downloadable for easy updates
 - Automatically send text messages to cell phone, fax and/or e-mail alarms and events
 - Operating Temperature: 32° F to 122° F
 - Power Requirements: 120/240 VAC ± 10%, 50/60 Hz.

- Communication Ports: 2 x Ethernet, 2 x 485, 4 x 232, 2 x USB, 2 internal
- USB, modem and wireless
- Internal on main board: 2 outputs and 1 input contacts, external: using OM-4/P relay module, up to 32 relays max., 4 output relays per module, 2 inputs, 8 modules per system
- NEMA 4 rated VSmart enclosure
- NEMA 4 rated wireless modem
- Number of Probes: Up to 32 "924B" probes and/or 8 flex probes per Vsmart module, up to 8 VSmart Modules per SiteSentinel® iSite™ Console
- Probe Length: horizontal or vertical tanks Up to 12' (3.7 m) 924B rigid stainless steel, up to 50' (15.24 m) flexible PVDF for AST applications
- Probe inputs intrinsically safe magnetostrictive 1 or 2 floats
- Location: Class 1, Division 1, Group D EEx ia IIA T 4
- Temperature Range: -40° F to 158° F (-40° C to 70° C)
- Data Cable: 250' (75 m) or less use Belden 88760, from 251'--1,000' (77 m to 304 m) use Belden 9182
- Floats: Nitrophyl 2" (5.1 cm), 4" (10.2 cm) and stainless steel 2" (5.1 cm)

5.1. Prices for SiteSentinel II and iSite

Site Sentinel II.

Модел 2 - 4	Конзола за 4 сонди/датчици	
Модел 2 - 8	Конзола за 8 сонди/датчици	
Модел 2-12	Конзола за 12 сонди/датчици	
Модел 2-16	Конзола за 16 сонди/датчици	
Options		
20-4300	Model 2 internal printer	
20-4301	Model 2 external printer	
20-0227	PV250 Communication Board (requires 20-1311 for RS-232)	
20-1311	Model 2 RS-232 Connection Cable (Modem or PC)	
30-2015-230	External Alarm (Light/Buzzer/Silence Switch-Outdoor Rated) 230V	
20-8309	Input/Output Module	
20-4329	External Thermal Printer Option (Must have a PV250 Board)	
S05603	ACR Software Package with Density(Specify Language)	

iSite

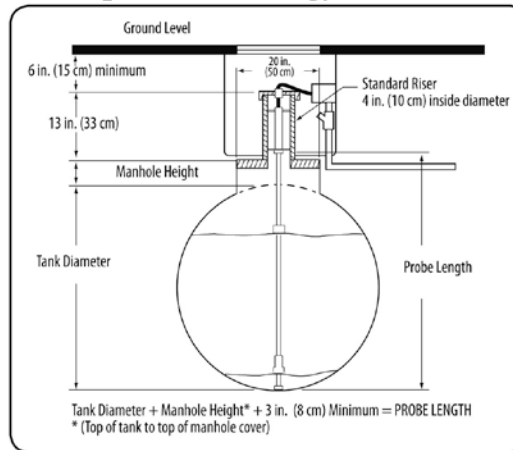
ISITE-BBOX	iSite Blank Door (No Touchscreen Display & No Internal Printer)	
ISITE-NOPRT	iSite (With Touchscreen Display, No Internal Printer)	
ISITE-INTPRT	iSite (With Touchscreen Display & Internal Printer)	
20-8319	V-Smart Module with Petronet Interface (no IS Module Installed)	
20-8319-E	V-Smart Module with Ethernet Interface (no IS Module Installed)	
20-4344	V-Smart 12V Digital IS Module (for SiteSentinel Model Probes and Smart Sensors)	
20-4345	V-Smart 24V Analog IS Module (for EECO sensors and standard or AST probes)	
SLD	24 Hour Continuous Leak Detection (SLD) for SiteSentinel iSite	
ACR	Auto Calibration/Reconciliation (ACR) for SiteSentinel iSite, includes PV4 Protocol, Wayne IDPOS protocol, Block Protocol, and Ethernet Dispenser Interface	
ACR-RIM	ACR Remote Interface Module	
327 VLLD	327 VLLD SENSOR (One per line)	
LLD LIM	Line Leak Module (One Module will control up to 4 STP)	
LLD COMPLY	Performs a single .2 GPH monthly line test and single .1 GPH line test every 6 months	
LLD ULT	Performs a continuous leak test for .1 GPH and .2 GPH monthly	
20-8312-ISITE	Output Module - used with the SS iSite to provide external control functions in	
30-2015-220	External Alarm (Light/Buzzer/Silence Switch-Outdoor Rated) 220V	
20-7079	Wireless PetroNet Kit - Includes 1 indoor modem assembly, 1 outdoor modem assembly, 2 directional antennas with 20 foot antenna cables.	
75-2044	High Gain Antenna Kit for iSite Wireless Option	
30-0219-E	OPW Riser Cap and Collar 102mm (4"BSPP thread) with grommet (Europe)	
INTMDM	Internal Modem, for dial-In Access (includes internal Modem with cable)	
INTMDM-E	Internal Modem with cable, with dial out E-mail capability	
INTMDM-S	Internal Modem with cable, with dial out SMS Messaging capability	
INTMDM-F	Internal Modem with cable, with dial out Fax capability	
INTMDM-FE	Internal Modem with cable, with dial out Fax and E-mail capability	
INTMDM-FS	Internal Modem with cable, with dial out Fax and SMS Messaging capability	
INTMDM-SE	Internal Modem with cable, with dial out SMS Messaging and E-mail capability	
INTMDM-FES	Internal Modem with cable, with dial out Fax, E-mail and SMS Messaging capability	

5.1. Probes iTouch, SS II, iSite

Trouble-free accuracy with proven magnetostrictive probe technology

Highly accurate, trouble-free performance for inventory management and in-tank leak detection. Unlike competitive probes that have to be upgraded to handle different liquids, the 924B probe comes standard in stainless steel and can be used with most petroleum products. The probe also measures water level, providing information to ensure product quality.

- All stainless steel construction
- Welded construction – eliminates potential leak points
- Level 1 probe - one probe for all applications • Easy Installation: Fits in a 5.08 cm to 10.16 cm (2 in. to 4 in.) riser.
- Optional Density Float provides a measure of even the slightest changes in product quality within the specified API density range.



Probes model 924B class 1

30-B053	Probe - 122 cm. Diameter/height of tank	
30-B069	Probe - 152 cm. Diameter/height of tank	
30-B077	Probe - 183 cm Diameter/height of tank	
30-B089	Probe - 213 cm Diameter/height of tank	
30-B101	Probe - 244 cm Diameter/height of tank	
30-B105	Probe - 254 cm. Diameter/height of tank	
30-B113	Probe - 274 cm Diameter/height of tank	
30-B125	Probe - 305 cm Diameter/height of tank	
30-B137	Probe - 348 cm Diameter/height of tank	
30-B149	Probe - 366 cm Diameter/height of tank	

Float kit (include floats for hydrocarbons and water and cable)

30-1509-02	51 mm (2-inča)benzin	
30-1509-01	51 mm (2-inča) dizel	
30-1510	51 mm (2-inča) plovak LPG	
30-3232	Density Measurement Sensor and Kit (the software feature in the SS iSite console is enabled when density floats are detected on probe)	
30-1514-01	2" (51mm)Stainless Steel Float Kit (product float only SG.70)	
30-1514-02	2" (51mm)Stainless Steel Float Kit (product/water floats SG .82-.86)	
30-1514-03	2" (51mm)Stainless Steel Float Kit (product/water floats SG .90-.94)	

5.2. Sensors for iTouch, SS II, iSite

SiteSentinel iTouch sensors provide protection by monitoring the environment in and around the tank, interfacing directly to the SiteSentinel iTouch console through a single sensor interface that accommodates all sensor types and locations including: Tank Interstitial Spaces, Piping Sumps, STP Containment Sumps, Dispenser Sumps/Pans, and Monitoring Wells.



**30-3221-1
Liquid Only.**
The Single Level Sump Sensor is designed to detect the presence of

liquid in sumps, dispenser pans and other locations where the presence of a liquid could indicate that a leak has occurred. If there is a break in the cable, the alarm will be activated by the system.



30-3221-1A 30-3221-1B

The Liquid Only Interstitial Sensor is used primarily in the interstitial area of double-wall tanks. The sensor contains a float switch that activates in the

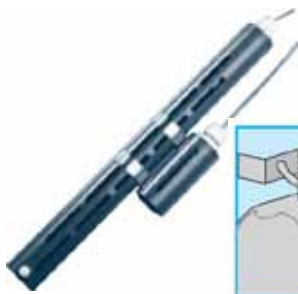
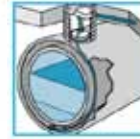
presence of liquid. Available in two configurations: the 30-3221-1A is constructed from a chemically resistive non-metallic material, and the 30-3221-1B is constructed of brass. This sensor can also be used in sumps, and dispenser pans.



30-3219-12 Fuel
 The Fuel Sump Sensor is designed to detect the presence of liquid hydrocarbons in sumps, dispenser pans and other locations where the presence of a hydrocarbon liquid could indicate that a leak has occurred. In the event of a cable break, the system will activate the alarm.



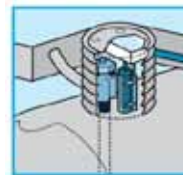
30-3223 Liquid Only
 The Liquid Only Interstitial Sensor is used primarily to monitor the interstitial area of double-wall tanks. This sensor can also be used in sumps, dispenser pans and other locations where the presence of a liquid could indicate that a leak has occurred. If there is a break in the cable, the alarm will be activated by the system.



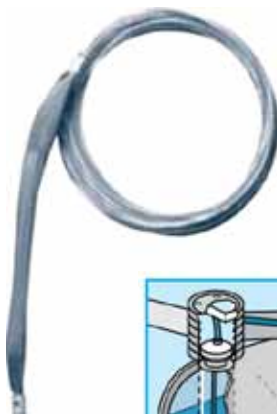
30-3224 Combination Single Level Fuel/Water. It is designed to detect the presence of liquid hydrocarbons and water in sumps, dispenser pans and other locations where the presence of a liquid could indicate that a leak has occurred. Liquid hydrocarbons are detected with the fuel sensor. A simple float switch is clamped onto the fuel sensor which can be positioned at any height to activate in the presence of a liquid.



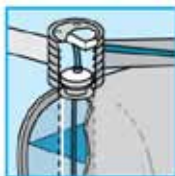
30-3207-06, , 30-3207-10, 30-3207-15. The Fuel Monitoring Well Sensor is used primarily in monitoring wells with fluctuating ground water tables. This sensor can also be placed in the



containment areas of tanks, pumps and pipes. It will alert the system if any fuel enters the containment area, which would indicate a leak. In the event of a cable break, the system will activate the alarm.



30-3206 Fuel / Water Interstitial Sensor is designed for use in the interstitial area of a double-wall tank. This sensor is easily installed to discriminate between fuel and water. The system will also activate an alarm in the event of a break in the cable.



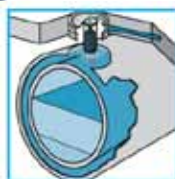
30-3210-06, 30-3210-15 and 30-3210-20 Fuel/Water. The Fuel/Water Monitoring Well Sensor contains all of the features mentioned above, as well as the ability to detect water. It will alert



the system to the absence of ground water in a monitoring well or the presence of water in containment areas and a break in the cable. This sensor has the ability to discriminate between hydrocarbon liquid and water.



30-3221-2 Dual Level Hydrostatic Interstitial Sensor is designed for use in the brine-filled reservoir of the interstitial area of a double-wall tank. This sensor contains a dual level float switch that detects level changes of fluid in the reservoir of the tank. The alarm will also activate in the event of a break in the cable.



30-3222 Fuel Vapor Sensor is designed to detect hydrocarbon vapors in monitoring wells and the interstitial areas of a doublewall tank. The presence of these vapors could indicate a potentially dangerous leak. In the event that there is a break in the cable, the system will activate the alarm.



Sensors

30-3206	Interstitial Hydrocarbon Liquid with Water Indicator*	
30-3207-06	6 ft. (183 cm) Hydrocarbon Liquid Sensor	
30-3207-10	10 ft. (305 cm) Hydrocarbon Liquid Sensor	
30-3207-15	15 ft. (457 cm) Hydrocarbon Liquid Sensor	
30-3210-06	6 ft. (183 cm) Hydrocarbon Liquid Sensor with Water Indicator*	
30-3210-15	15 ft. (457 cm) Hydrocarbon Liquid Sensor with Water Indicator*	
30-3210-20	20 ft. (610 cm) Hydrocarbon Liquid Sensor with Water Indicator*	
30-3219-12	Hydrocarbon Liquid Sensor - 12" (30 cm)	
30-3221-1	Sump Sensor - Float Switch	
30-3221-1A	Interstitial Sensor - Float Switch	
30-3221-1B	Interstitial Sensor - Float Switch (Brass)	
30-3221-2	Dual Level Sump/Reservoir Sensor	
30-3222	Hydrocarbon Vapor Sensor	
30-3223	Optical Liquid Sensor	
30-3224	Combo Single Level/Hydrocarbon Liquid Sump Sensor*	
30-3225	Combo Dual Level/Hydrocarbon Liquid Sump Sensor*	

* Uses two I.S. Barrier positions when monitoring both hydrocarbons and water

5.3. Mechanical gauge OPW 200TG

The OPW 200TG Tank Gauge is designed for reading liquid levels in horizontal or vertical above ground storage tanks. The 200TG Tank Gauge provides an accurate numerical counter readout, eliminating the need for any on-site manual gauging



Vapor-Tight – allows for standard tank pressure testing and sealing up to 1.72 bar

Angled Face –May be read easily up to 30 feet away (9.14 m).

Swivel Adaptor Base – allows for 360° of rotation of gauge face



5.4. Accessoires

	FPGG25	Gas Gauging Paste	
	FPWT25	Water finding paste	

5.5. OCIO

Continuous tank level monitoring.
OCIO detects the static pressure fluid height by means of a tube inserted into the tank and displays the fluid level or volume.

The system consists of:

- A tube for detecting static pressure: The tube end is inserted from the top of the tank and lowered down into the liquid until it touches the bottom.
- A control unit for displaying the level and managing the system.

The unit is equipped with an intuitive, complete software and permits the connection of two alarm or lock devices.

The software is used to: Set tank type and dimensions; Define alarm levels; Define indication level; Define measurement unit; Calibrate the instrument












Depending on the set alarm levels, the control unit activates or deactivates the contact by acting as a remote switch for starting the alarms or cutting power to the connected equipment.

Maximum measurable height: 4m.

Probe tube length: 10 m.

 Windscreen

generated by the

-  Air
-  Diesel
-  Food
-  Gasoline
-  Grease
-  Kerosene
-  Oil
-  Raps oil
-  Urea
-  Water
-  Windscreen

Technical information

Supply voltage 230 V / 50 Hz (110 V / 60 Hz)

Protection IP 55

Full scale 4 m (12 feet)

Accuracy ± 1 % full scale

Contact for maximum and minimum level

Max tension 250Vac at 5 Amp (or 30Vdc at 5 Amp)

Probe tube length 10 m (10,6 yards) (extensible up to 50 m (52 yards).

Level indication

- Height (mm, inch)
- Volume (liters, gallons)
- Filling percentage (%)
- RS output for PC connection available

Main Advantages

- Continuous metering
- Indication in height, volume, and filling percentage
- Maximum and minimum level alarms
- High accuracy
- Intuitive software managing procedure
- Easy installation
- PC linkup option

Suitable for liquids with viscosity up to 30cSt.

Part #	Name	Price
F0075510D	Level indicator RS out up to 30 cSt	€283.00
F00755140	Level indicator RS out UREA	€328.00
F12939000	Kit terminal for oil	€29.00
F00755S1A	OCIO DESK singletank (PC interface + software for 1 tank)	€365.00
F00755S0C	OCIO DESK multitank 4 (PC interface + software up to 4 tank)	€639.00
F00755S2A	OCIO DESK multitank 8 (PC interface + software up to 8 tank)	€844.00
F00755S3A	OCIO DESK multitank 12 (PC interface + software up to 12 tank)	€1 049.00
F00755G30	OCIO GSM Quad Band	€867.00
F00755G20	Expansion OCIO GSM tank 2-4	€182.00
F00755G40	Expansion OCIO GSM tank 5-8	€274.00

VI. DISPENSERS TATSUNO BENC

- .. Хидравлична система – TATSUNO (Япония)
- .. Надеждна електроника PDE
- .. Дисплеи: LCD (6-6-4) с LED подсветка (стандартно), Буквенно-цифрови LCD (8-6-6) с LED подсветка
- .. Двуканални датчици TATSUNO (Япония)
- .. Два типа електронни брояча – литрови без нулиране и дневни литри/сума (с възможност за нулиране)
- .. Електромеханични броячи без възможност за нулиране
- .. Дистанционен инфрачервен пулт за управление за настройки
- .. Система за отвеждане на пари
- .. Пистолети и маркучи ZVA-ELAFLEX (Германия)
- .. Наблюдателни стъкла на горивата
- .. Предварително задаване на цена и литри
- .. Клавиатура за предварителен избор на сума или литри
- .. Връзка с фискална система
- .. Цветово изпълнение – по желание на клиента
- .. Възможност за работа на висок дебит – до 130лт/мин

6.1. BMP 4000 OCEAN



6.2. BMP 2000 SHARK MEDIUM



6.3. BMP 2000 SHARK SMALL



6.4. BMP 500 SHARK



6.5. BMP 500 SHARK/LPG





6.6. Spare parts for Tatsuno

Номер	Име	Цена
M000086	Диференциален клапан за LPG	
M000105	Горивен филтър, метален	
M000106	Горивен филтър, метален	
M000782	Платка захранване	
M000783	Платка процесорна	
M000786	Управителско дистанционно	
M001307	Сервизно дистанционно	
M001399	Диафрагма за диф.клапан	
M001453	Филтър за LPG	
M001913	О-пръстен P-14 за диф. Клапан за LPG	
M001914	О-пръстен P-55 за диф. Клапан за LPG	
K008-3041778	Дисплей LCD	

6.7. Spare parts for other dispensers

FILTERS and CARTRIGES

	Part #	Description	Price
	AL-313/90-VK	Filter 10mic, gasoline for SB: 85 04074, Salz: 140 418 056, WD:1 492 209, Schwelm: 695 279, Schlum/Tok: 95 080 12 342	
	AL-310/90-DK	Filter 25mic, diesel for: SB: 85 03840, Salz: 140 418 066, WD: 1 492 217, Schwelm: 695 280, Schlum/Tok: 95 080 12 343	
	AL-411/100	Filter 40mic for SB: 05 63718	
	AL-421/100	Filter 90mic for SB: 05 73504	
	CT-70016/400-30	Filter metal, 30mic , 1 ½"MBSP, L=140mm. 80 l/m . Designed for Gilbarco (R18189-30), Salzkotten (140 632 746), Dresser Wayne and other Service Station Pumps	
	CT-70015/400-10	Filter metal, 10mic , 1 ½"MBSP, L=140mm. 80 lt/m . Designed for Gilbarco (R18189-10) Salzkotten (140 593 564), Dresser Wayne and other Service Station Pumps	

SALZKOTTEN

Part #	Description	Price
EC2000-DSP	LCD display for EC2000	
EC2000-PRK	Electronic head EC2000 /w/o power supply board/	
EC2000-TN	Power supply board for EC2000	
EC2000-HC	Hydrocontroller for EC2000	
ME-01-02	Pulse encoder ELTOMATIC for hydrocontroller	
SK-FB1	Service control pult	
SM-13/8/810	Belt for low flow dispenser	
TS-98-1903	Pulse encoder 2x50, 5VDC, with „ears”, w/o mechanical counter, CCW, with stopper	
TS-98-0539	Pulse encoder 2x100, 5-15VDC, with mechanical counter, CCW, w/o stopper	

TOKHEIM

Part #	Description	Price
TK-LCD	LPD display for Quantum	
TK-HEAD	Main board for Quantum	
TK-IR	IR module	
TK-MP-TI	Pulse encoder, 32VDC, internal	
TK-INTERFACE	Interface module for Tokheim	
TK-MSW	Рит ампули #01-08	
TK-FML	Flow meter for Tokheim	
SM-13/8/650	Belt for low flow dispenser	

WAYNE DRESSER

Part #	Description	Price
WD-IR	Сервизен пулт	

SCHEIDT&BACHMANN

Part #	Description	Price
SM-18825	Semering 22x32x7	
SM-13/8/925	Belt for high flow dispenser 13/8/925	
SM-13/8/950	Belt for low flow dispenser 13/8/950	
SM-2RSC7	Bearings 2RSC7	

ADAST

Part #	Description	Price
SM-13/8/700	Belt for low flow dispenser 13/8/700	

VII. DOMESTIC DIESEL AND AdBlue STATIONS

7.1. MOBILE STATIONS FOR DIESEL

OPW market предлага за ведомствени нужди напълно готова мобилна система за работа. Различен капацитет. С различна помпа, разходомер



МОДЕЛИ:



	Капацитет	Диаметър	Дължина
VT-ST15	1600 лт ³	2400 mm	2100 mm
VT-ST23	1700 лт ³	2800 mm	2100 mm
VT-ST30	1900 лт ³	2800 mm	2150 mm
VT-ST50	2150 лт ³	3600 mm	2500 mm
VT-ST60	2400 лт ³	3600 mm	2600 mm
VT-ST90	2500 лт ³	4300 mm	2600 mm

УПРАВЛЕНИЕ. Като опции може да намерие в описаниета на ST:


- Помпа от 56 до 120 лт/мин, 24VDC или 230VAC
- Разходомер електронен или механичен
- Управление с карти
- Кутия, табло
- Люк с клапани и вливен адаптор
- Фин и груб филтър
- Маркуч с пистолет

ОПЦИИ:


- ВАНА за ограничаване на разливите
- ПОКРИВ над резервоара
- КУТИЯ със заключване, в която се събират помпата, колонката, разклонителна кутия, филтри, маркуч и пистолет
- НИВОМЕР ОСИО или PetroVend с електронно предаване на данни
- МАКАРА за прибиране на маркуча
- РАБОТА с КАРТИ

7.2. Dispensers for diesel


CUBE with mechanical flowmeter

	F0057500C	Cube 56/33 Cube 56/33 230/50	
	F0057600C	Cube 56/33 DC 12V	
	F0057700C	Cube 70/33 DC 24V	
	F0059100A	Cube 70/33 230/50	
	F1270800B	Pedestal color BLACK	
	F1093640B	Pedestal color RED	
	F1093600B	Pedestal color BLUE	
	R12737000	Kit wall support	
	R12738000	Kit lock Cube MC (Key lock not included)	

Dispense with mechanical flowmeter

	Pump Panter 72, 4 m.delivery hose, mechanical counter K44, automatic nozzle, power box		
	F0073701B	Self Service 70 K44 F Self Service 70 K44 F 230/50	
	F00737B0B	Self Service TANK 70 K44 230/50	
	F00737B2B	Self Service TANK 70 K44 PULSER 230/50	
	Pump E120, 4 m. Delivery hose, mechanical counter K44, automatic nozzle, power box		
	F0074001B	Self Service 100 K44 F 230/50	
	F0074002A	Self Service 100 K44 F PULSER 230/50	
	F00740B0B	Self Service TANK 100 K44 230/50	

CUBE with fuel monitoring system MC

	F0059400C	Cube 70 MC, 230V, помпа Panter 72, филтър, 4м. маркуч, авт. пистолет, електроника с памет за 50 потребителя	
	F1270800B	Pedestal color BLACK	
	F1093640B	Pedestal color RED	
	F1093600B	Pedestal color BLUE	
	R12737000	Kit wall support	
	R12738000	Kit lock Cube MC (Key lock not included)	
	F1271000C	USB Converter + Software	
	R15904000	Kit N° 10 user Keys color Yellow	
	R12496000	Manager Key color Red	
	F13292000	PW14 - USB Converter	

Self Service dispensers with meter and multi-user management system

	F0073801B	Self Service 70 MC F 230/50	
	F00738060	Self Service 70 MC F 7mt PRINTER 230/50	
	F00738B0B	Self Service TANK 70 MC 230/50	
	F0073900B	Self Service 70 FM 230/50	
	F00739B0B	Self Service TANK 70 FM 230/50	
	F0074101B	Self Service 100 MC F 230/50	
	F00741B0B	Self Service TANK 100 MC 230/50	
	F0074200B	Self Service 100 FM 230/50	
	F00742B0B	Self Service TANK 100 FM 230/50	
	<p>Влагодетелители както на механичните колонки Self Service 70, електронните части , безконтактните четци както на CUBE MC.</p>		

7.3. Dispensers ST and PICO

ST – Идеално решение на ведомствено стопанство. Разходомер, помпа и маркуч с пистолет готови за работа при всякакви условия. Предлага се в различни варианти в зависимост от помпата и разходомера. Удобно за работа. Може да се монтира на стена. Бърз монтаж, демонтаж. Лесна поддръжка. Нормална точност на зареждане.



Code	with metal box	Description	Pump							Meter		Dispensing pipe 4 m		Nozzle		Supply tension V.	Flow rate l/min	Weight (without box) Kg	
			Viscomat 70	Viscomat 90	Panther 56	E 80	E 120	By pass 2000	Panther DC	Bipump	K33	K600	1"	3/4"	Automatic				Manual
without meter																			
000266P00		ST Panther 56			●							●			●	230	56	16	
000286P00		ST Panther 56 A60			●							●			●	230	56	16	
000214000		ST E 80 M.				●						●			●	230	80	21	
000244000		ST E 80 A80 M.				●						●			●	230	75	21	
000216000		ST E 120 M.					●					●			●	230	95	23	
000252000		ST E 120 A120 M.					●					●			●	230	95	23	
000248000		ST Viscomat 70 M.	●									●			●	230	30	20	
00021000A		ST By pass 2000 12 V						●				●			●	12	42	10	
00021100A		ST By pass 2000 24 V						●				●			●	24	42	10	
F00340080		ST Panther DC 12 V							●			●			●	12	56	19	
with meter																			
F00385P0A		ST Panther 56 K33			●					●		●			●	230	56	17	
F00287P0A	F00365P0A	ST Panther 56 K33 A60			●					●		●			●	230	56	17	
000390000		ST E 80 K33 M.				●				●		●			●	230	80	22	
000392000	00036700B	ST E 80 K33 A80 M.				●				●		●			●	230	75	22	
000395000		ST E 120 K33 M.					●			●		●			●	230	90	24	
000397000	00036900B	ST E 120 K33 A120 M.					●			●		●			●	230	90	24	
000256000		ST Viscomat 70 K33 M.	●							●		●			●	230	30	24	
	000256020	ST Viscomat 70 K33	●							●		●			●	230	30	24	
	F00265020	ST Viscomat 90 / K600		●						●		●			●	230	65	24	
00023500A		ST by Pass 2000/12V K33						●		●		●			●	12	40	11	
00023600A		ST by Pass 2000/24V K33						●		●		●			●	24	40	11	
00023300A		ST by Pass 2000/12V K33 A60						●		●		●			●	12	35	11	
00023400A		ST by Pass 2000/24V K33 A60						●		●		●			●	24	35	11	
F0024000A		ST BIPUMP 12V K33							●	●		●			●	12	80	22	
F0024100A		ST BIPUMP 24V K33							●	●		●			●	24	80	22	
	F0039900A	ST BIPUMP 12V K33 A120							●	●		●			●	12	80	22	
F00340070		ST Panther 12 V K33 A60							●	●		●			●	12	56	14	

PICO – Варелна помпа с разходомер и пистолет. Бърз монтаж, демонтаж и ремонт.



Без разходомер, с 4м маркуч и филтър		
F00 202 000	230V, неавт. пистолет	
F00 202 010	230V, авт. пистолет	
F00 202 040	12V, неавт. пистолет	
F00 202 050	12V, авт. пистолет	
F00 202 080	24V, неавт. пистолет	
F00 202 090	24V, авт. пистолет	
С разходомер K24, с 4 м маркуч и филтър		
F00 202 020	230V, неавт. пистолет	
F00 202 030	230V, авт. пистолет	
F00 202 060	12V, неавт. пистолет	
F00 202 070	12V, авт. пистолет	




7.4. Flowmeters

DAIS предлага огромен брой разходомери за контролно мерене. Механични и електронни:





- Като отделен артикул: K24, K200, K400/3, K900
- монтирани с помпи: ST, Pico;
- Монтирани на пистолет: K40, K400, K600.



Брошури ще откриете в www.razhodomeri.com или в офиса на OPW market.
Информация за търговски разходомери ще намерите в www.razhodomeri.com.

Механични разходомери






	000550000	Разходомер K33, 3 цифри, тотал от 6 цифри, вер.А, В, С или D, дебит до 120 л/м. За дизел, биодизел, масла. Точност ±1%. Вход/изход 1"Ж BSP + фланец.	222.00 лв
	000560000	Разходомер K44, 4 цифри, тотал от фланец 6 цифри, вер.А, В, С или D, дебит до 120 л/м. За дизел, биодизел, масла. Точност ±1%. Вход/изход 1"Ж + фланец.	303.00 лв
	00056500A	Разходомер K44/Pulser, вер. D.Отворен колектор, честота 10 pulses/litre, захранване 6-24 V DC, max 10 mA. За дизел, биодизел, масла. Точност ±1%. Вход/изход 1"Ж + фланец.	587.00 лв
	F00540000	Разходомер K700 LT/GAS, вер.А, В, С, D. 4 цифри, 7 цифри тотал. За дизел, дебит до 200 л/м. Точност ±1%	1 244.00 лв
	F00490020	Разходомер K40, 3 цифри. Дизел, биодизел, масло. Дебит до 30 л/м. Точност ±1%, вискозитет до 2000 cSt. Вход/изход 1/2" женска BSP	291.00 лв

Електронни разходомери




	F00408100	Разходомер K24-A, вход/изход M/F 1" BSP, до 120 л/м, точност ±1%. За дизел	262.00 лв
	F0040710A	Разходомер K24-A, вход/изход M/F 1" BSP, до 120 л/м, точност ±1%. За AdBlue	245.00 лв
	F0043011A	Разходомер K200 за грес. Вх/изход 1/8" Ж BSP, точност 0.5%, дебит до 2.5 л/м	431.00 лв
	F0043012A	Разходомер K200 за дизел. Вх/изход 1/8" Ж BSP, точност ±0.5%, дебит до 2.5 л/м	431.00 лв
	F00484000	Разходомер K400, дебит до 30л/м, точност ±0.5%, работно налягане до 70bar, вискозитет до 2000 cSt, вход/изход 1/2" BSP, за дзел, биодил, масла. Код за NPT резба F00484010	291.00 лв
	000483020	Разходомер K400, дебит до 30л/м, точност ±0.5%, работно налягане до 70bar, вискозитет до 2000 cSt, вход/изход 1/2" BSP, за течност за чистачки	405.00 лв
	F00486150	Разходомер NEXT, дебит до 60л/м, точност ±0.5%, работно налягане до 70bar, вискозитет до 2000 cSt, вход/изход 3/4" BSP, за дзел, биодил, масла.	334.00 лв

	F00496A00	K600/3 electr. meter 1" BSP diesel version, дебит до 100л/м, налягане – 30bar. Точност ±0.5%	415.00 лв
	F00496A20	K600/3 electr. meter ¾" BSP, за масла, дебит до 60л/м, налягане – 30bar. Точност ±0.5%	448.00 лв
	00049700A	K600/4 electr. meter 1 ½" BSP, за масла, дизел и антифриз , дебит до 150л/м, налягане – 20bar. Точност ±0.5%	581.00 лв
	F0049900A	Раходомер K900, 3", дебит до 500 л/м. За дизел, антифриз, биодизел, малса. Налягане – до 20bar. Точност ±0.5%	3 069.00 лв

Пистолети с разходомери

	F00973030	K40 пистолет с брояч LT/GAS с твърда човка	380.00 лв
	F00973020	K40 пистолет с брояч LT/GAS с подвижна човка	389.00 лв
	F00974010	NEXT Pistol-ONE w\RIGID Spout BSP NEXT Pistol-ONE w\RIGID Spout BS	380.00 лв
	F00974020	NEXT Pistol-ONE w\FLEXIBLE Spout BSP NEXT Pistol-ONE w\FLEXIBLE Sp	389.00 лв
	F00984000	K400 CAL L/Gas+шарнир+ твърда човка	503.00 лв
	F00984010	K400 CAL L/Gas+ шарнир + подвижна човка	597.00 лв
	F00976W0A	K400 пистолет за течност за чистачки+ шарнир+ твърда човка	614.00 лв
	F0068700C	K500 пистолет с предварително задаване на литри BSP с въртяща човка	881.00 лв
	F00687200	PISTOLA K500 LT/BSP ESTR. RIG. B/P NW PRESET METER K500 RIG. B/P NW	853.00 лв
	F00687210	PISTOLA K500 LT/BSP ESTR. FLEX B/P NW PRESET METER K500 ESTR. FLEX B/P	863.00 лв
	F0043000A	Greaster пистолет за грес gr/kg	605.00 лв
	F0043100A	Greaster пистолет за грес gr/kg с "Z" шарнир и човка	654.00 лв

7.5. Nozzels

Easyoil пистолети			
	F00 966 130	Easyoil + шарнир 1/2" + твърда човка + клапан	
	F00 966 140	Easyoil + шарнир 1/2" + гъвкава човка + клапан	
	F00 966 150	Easyoil + шарнир 1/2" + въртяща човка + клапан	
Акcesoари – цветна защита на шарнира			
	F09 659 000	Черна	
	F09 757 000	Жълта	
	F09 758 000	Зелена	
	F09 899 000	Червена	
	F09 955 000	Синя	
Акcesoари – човки			
	F00 665 000	Метална човка	
	F00 666 000	Гъвкава човка	
	000 669 000	Метална човка с чулещ връх	

7.6. Pumps

Ръчни			
	F00 349 00A	Ръчна с дръжка	
	F00 351 00A	Piston 35 лт/м	
	F00 332 01A	Желязна ротационна ръчна	
	F00 332 00A	Алуминиева ротационна	
	F00 316 00A	PM GPI piston	
Електрически			
	000 730 000	Panther 56 M.	230-50
	000 733 000	Panther 56 T.	400-50
	000 732 000	Panther 72 M.	230-50
	000 735 000	Panther 72 T.	400-50
	000 305 000	E 80 M.	230-50
	000 307 000	E 80 T.	400-50
	000 326 000	E 120 M.	230-50
	000 312 000	E 120 T.	400-50
	000 319 00A	P80 EEX M.	230-50
	000 317 00A	P80 EEX T.	400-50
	F00 342 000	By pass 3000 12V	12
	F00 347 000	By pass 3000 24V	24
	F00 340 00B	Panther DC 12V	12
	F00 341 00C	Panther DC 24/12V	24-12

	F00363A0A	Bl-Pump 12V	12	
	F00363B0A	Bl-Pump 24V	24	
	F0036301A	Bl-Pump 12V + кабел 2м	12	
	F0036302A	Bl-Pump 12V + кабел 4м	12	
	F0036303A	Bl-Pump 24V + кабел 2м	24	
	F0036304A	Bl-Pump 24V + кабел 4м	24	
	F0036321A	Bl-Pump без ключ и без кабел	12-24	
Viscomat				
	F00 304 03A	Viscomat 200/2 M.	230 – 50	
	F00 304 05A	Viscomat 200/2 T.	400 - 50	
	F00 304 30A	Viscomat 230/3 M.	230 – 50	
	F00 304 T4A	Viscomat 230/3 T.	400 – 50	
	F00 304 01A	Viscomat 350/2 M.	230 – 50	
	F00 304 T1A	Viscomat 350/2 T.	400 – 50	
	000 302 00A	Viscomat 200/2 + FlowMat	230 – 50	
	000 302 04A	Viscomat 230/3 + FlowMat	230 – 50	
	000 302 06A	Viscomat 350/2 + FlowMat	230 – 50	
	F00 309 02A	Viscomat DC 60/1 12V	12	
	F00 309 01A	Viscomat DC 60/2 12V	12	
	F00 309 00A	Viscomat DC 120/1 12V	12	
	F00 310 02A	Viscomat DC 60/1 24V	24	
	F00 310 01A	Viscomat DC 60/2 24V	24	
	F00 310 00A	Viscomat DC 120/1 24V	24	
	F00 311 000	Viscomat DC 120/1 12V PST	12	
	F00 311 010	Viscomat DC 120/1 24V PST	24	
	000 334 900	Viscomat 70 M.	230 – 50	
	000 331 900	Viscomat 70 T.	400 - 50	
	F00 303 M00	Viscomat 90 M.	230 – 50	
	000 303 000	Viscomat 90 T.	400 – 50	
	F00337000	Vantage 40	12	
	F00338010	Vantage 60	24	

7.7. Pumps ATEX for diesel, gasoline and oils

PIUSI EX50



F00371000	PIUSI EX50 pump, 220V, ATEX, 50l/m, вход/изход 1", с включени фланци, с ключ са включване	12	527.00 лв
F00372020	Комплект PIUSI EX50 pump 12V + вграден възвратен клапан и предпазен клапан за налягане + поставка за пистолет + 2" конектор за варел	12	564.00 лв
F00373000	PIUSI EX50 pump, 12V, ATEX, 50l/m, вход/изход 1", с включени фланци, с ключ са включване	230 – 50	566.00 лв
F00374020	Комплект PIUSI EX50 pump, ATEX, 12V + вграден възвратен клапан и предпазен клапан за налягане + поставка за пистолет + 2" конектор за варел	230 – 50	603.00 лв

BLACKMER TX

Помпите от серията TX са специално разработени за петролни продукти – бензин, дизел, керосин, леки масла, JET гориво, Ламелен тип. С двоен вал. Вграден by-pass.



	TX1.5	TXD2A	TXD2.5A	TXD3E	TX4
Макс дебит	197 л/м	273 л/м	371 л/м	995 л/м	1900
Макс. налягане	8.6 bar	8.6 bar	8.6 bar	8.6 bar	8.6 bar
Размер	DN38, 1.5"	DN50, 2"	DN65, 2.5"	DN80, 3"	DN100, 4"
Цена					
Филтър	-				-
Ремонтен комплект					

7.8. Filters and water captures



Патронен филтър с водоотделяне

Филтър с водо- и маслоотделяне.

Филтърът е водоабсорбиращ. Това осигурява допълнителна защита на двигателите на автомобилите. Тези филтри отделят и абсорбират водата, намираща се в дизеловото гориво. Усвояването на водата постепенно намалява капацитета за филтриране и при насищане е необходимо да се замени.

Характеристика:

- Капацитет на филтриране 30 µm
- Дебит 60 - 100 l/min
- Работно налягане 3.5 bar
- Максимално налягане 10 bar

F00611A00	Патронен филтър с водоотделяне 70л/мин	
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F00611A10	Патронен филтър с водоотделяне 150л/мин	
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Патронен филтър

Могат да бъдат поставени на смукателната страна или след помпата.

Предлагат се с размери 3/4" и 1".

Капацитет на филтриране 10 µm.

Максимално работно налягане 12 bar

F0777200A	Патронен филтър 70л/мин с глава	
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F0914900A	Патронен филтър 100л/мин с глава	
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Филтър с прозрачна касета и подвижно тяло може да се монтира както на смукателната страна, така и след помпата. Предлагат се с воден абсорбатор или само с патрон

Характеристика:

- Капацитет на филтриране 5 (35 вода) µm.
- Максимално работно 5 bar

F00611B00	Прозрачен филтър /2 патрона/	
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F00611B10	Прозрачен филтър с воден абсорбатор /2 патрона/	
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Линеен филтър

Филтър с метална мрежа за многократна употреба. Може да се монтира както на смукателната страна, така и след помпата.

F08950000	Линеен филтър 1" Ж/ 1" Ж	
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Дънен филтър

Филтър с метална мрежа. Монтира се на смукателната страна

F10571000	Дънен филтър 1"	
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VIII. AdBlue equipment

Новата директива EURO 5, която засяга вредните емисии в атмосферата може да бъде спазена чрез поставяне на катализиращо устройство на камионите(SCR).

Устройството изисква специален флуид (смес от вода и уреа) наречен AdBlue®. Всеки камион трябва да е оборудван с резервоар за този специален флуид.

Всичко, което се отнася до проблемите с обработката на уреа, PIUSI разработи широка гама от надеждни продукти, реализирани с материали, които са подходящи за тази течност.




8.1. Dispensers for AdBlue

Suzzara Blue BASIC	Suzzara Blue PRO	Suzzara Blue DRUM	Suzzara Blue DRUM TROLL
			
Помпа. Неавтоматичен пистолет. Маркуч 6 м. Смукателен маркуч 1,1 м. Накрайник и скоби.	Точност $\pm 1\%$. Основа неръждаема стомана с накрайник за пистолет. Тежкотоварна помпа. Разходомер K24. Автоматичен пистолет с неръждаема стомана. Маркуч 6 м. Смукателен маркуч 1,1 м. Накрайник и скоби..	Основа за монтаж на варел. Може лесно да се мести на друг варел. Основа неръждаема стомана за варела, помпа, неавтоматичен пистолет, маркуч 4 м, смукателен маркуч.	Troll версия на Suzzara Blue DRUM. Върху количката също може да монтирате и SuzzaraBlue Basic и SuzzaraBlue Pro с разходомер K24 автоматичен пистолет.

Параметри на помпата: 230V, 50Hz, 2900rpm, 370W

Номер	Име	л/м	meter	Пист.	маркуч	Ключ	кг	Размер	Цена
F0020135A	SuzzaraBlue DRUM	35	No	Ръчен	4 м	Да	16	480x370x260	
R12068010	Количка за SuzzaraBlue DRUM						26	1090x680x300	
F00201B10	SUZZARABLUE PRO	35	Yes	Автом.	6 м	Да	16	480x370x260	
F00201B20	SUZZARABLUE BASIC	35	No	Ръчен	6 м	Да	16	480x370x260	

8.2. Flowmeters for AdBlue

REMOTE DISPLAY	TURBINOX	UREA K24 METER
<ul style="list-style-type: none"> • 8 цифрен дисплей за обща наличност. • Resettable total available. • 8 digits non resettable total. • 5 цифрен дисплей. • Дебит • Възможност за създаване на единица мярка • Possibility to set puls out. • Калибриране • Икона за спад на батерията. 	<ul style="list-style-type: none"> • Точност +/- 1% от дебита • Повторяемост 0.2 % • Спад на налягането < 0.15 bar • Калибриране 	<p>Инсталацията на разходомера е лесна. Директно се завива на края на маркуча или на края на пистолета. Осигурена е бърза смяна на двете батерии (AAA). Дисплеят може да се завърта в 4 различни позиции. Входен сигнал: single channel, reed switch. Електронен LCD дисплей: 5 цифрен брояч от 0.1 до 99999, 6цифрен тотален брояч от 1 до 999999. Resettable total available. Индикация за дебита.</p> 

Номер	Име	Дебит	Пулс	Bar	I/O	Размер	Цена
F0049503B	Отдалечен дисплей за UREAзаг K24	10-40 л/м	100	20		225x125x150	
F0042000A	Turbinox импulsен разходомер	10-40 л/м	100	20	1" BSP	80x80x75	
F0040710A	K24 Разходомер (1 накрайник)	6-100 л/м		10	1" BSP		
F0040721B	K24 Импулсен разходомер (1 накрайник)	6-100 л/м	100	10	1" BSP	115x160x135	
F16073000	Накрайник 1" BSP/BSP						

8.3. Nozzels for AdBlue

Plastic nozzle 80 l/min	Plastic nozzle-S 80 l/min	Urea nozzle 80 l/min	Urea nozzle 70 l/min
			
F00630010	F00630000	F14761000	F0061903B





8.4. Pumps for AdBlue

Внимателният анализ на пазара и опита на работа с агресивни течности, като например урея, води до разработването на нов тип мембрана помпа, оборудвана с електрически двигател без функционални уплътнения.

Това решение позволява да се получи надеждна индустриална помпа.

Основни характеристики:

- самозасмукващи
- липса на функционални уплътнения
- EPDM мембрана

Hand pumps		AC pumps		DC pumps	
					
		230V, 3/4" вход и изход. Раб. Налягени 1.5 bar. Дебит 40 лт/м		12V/24V, 3/4" вход и изход. Раб. Налягени 1.5 bar. Дебит 40 лт/м. 2м кабел + щипки	
F0033205A	F00332090	F00203010	F00204010		

8.5. Accesssoires for AdBlue

Mauser DRUM адаптер	Suction telescopic tube	Suction hose with hose end	Suction valve
			
R15128000	F15606000	F15515000	R15452000
Fittings	Hose reels	EPDM hose	Защитна обвивка за маркуч
			
F1548500	F00750060 3/4". Дължина до 8.	ИН30118004	F16497000

8.6. Level gauge OCIO

Система за управление на нивото

OCIO е иновативна система за контрол на нивото на течността в резервоарите. Системата разпознава статично налягане, генерирано от продуктивна тръба, поставена в резервоара и показва нивото на течността или обема. Новият дизайн и подходящи решения гарантират надеждност и постоянност при указване на нивото. За повече информация в глава НИВОМЕРИ.



8.7. ELECTRONIC ACCESS CONTROL UNIT

ACCESS 85



Електронно устройство

За лесно управление на източването на гориво от резервоара от повече от един потребител
Възможност за контрол на достъпа с помощта на електронен ключ.

Оборудвана с бутон за аварийно спиране, свързан със нивомер OCIO, контрол на ниското ниво и аварийно спиране на помпата

Всички функции могат да бъдат определени от системния администратор.

F00702000	ACCESS 85	
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8.8. PreSet

MC BOX / MC BOX PRESET



Multi-user control panel with accessories for PC connection. MC BOX permits: Pump ignition, identification of authorised users, Pre-selection of dispensed quantity, Management of pulse metre, Management of an external switch to switch off pump at minimum level, Management of micro switch connected to nozzle support, Connection to an external printer.

Technical features: Panel with dual display, keyboard and i-button reader. Controls up to 120 users through passwords or i-button keys. Calculates consumption of each individual user. Local memory up to last 255 operations. Possibility of inserting vehicle registration number, kilometres, date and time of dispensing. Dedicated software for printing individual detailed summaries. Possibility of managing up to 16 panels with one software. Key reader with USB socket for exporting data. RS converter with USB socket for direct connection with PC via cable up to 1000 metres.

Construction details:

Sturdy casing whether proof to contain the panel with easy access to the connection boxes.

Electronic panel with double display and keypad for entering code number and i- button key reader.

Max current: 6,5 Amp at 230 V.

Optional:

Software for PC with dedicated RS converter or PC i-button key reader

User i-button keys

Oval gear meter, K600/3

F1398006A	MC BOX	
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IX. CNG, Oxygen, Hydrogen EQUIPMENT

9.1. Nozzles for CNG

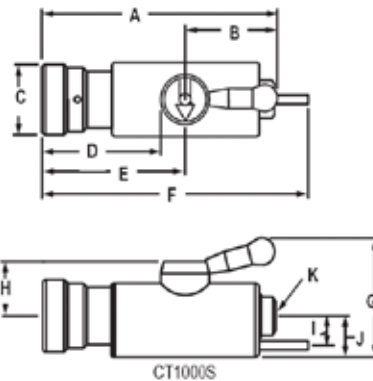
СЕРИЯ 1000 ЗА ЛЕКИ АВТОМОБИЛИ.

Серията OPW 1000 са пистолети разработени за метанстанции, работещи с максимално висок дебит. Подходящ за бързо зареждане на самообслужване на автомобили, лекотоварни автомобили, ванове и микробуси. Всички пистолети OPW NGV са разработени по прецизни спецификации за висока защита и ефективност.

За куплиране към адаптери L-тип

Размери

	CC1000S	CT1000SS	CT1000-P36S
A	159.1	167.8	185.8
B	66.1	65.4	66.4
C	49.4	48.9	48.9
D	75.5	85.1	102.1
E	93.0	102.4	119.4
F	N/A	191.0	208.0
G	78.5	83.1	83.1
H	37.9	37.9	37.9
I	N/A	20.7	20.7
J	24.2	28.8	28.8
K	Straight Thread O-Ring Boss Port SAE J1926-6 (9/16"-18UNF-2B)		



Материали:

Тяло: Месинг

Вътрешни елементи: Неръждаема стомана

УПЛЪТНЕНИЯ: Специално комбинирани полимери и еластомери за работа с CNG под високо налягане.

Челюсти: Неръждаема стомана

Спецификации:

Мин. дебит: 1200 SCFM @ 207 bar

Работна температура: от -40° C до 85° C

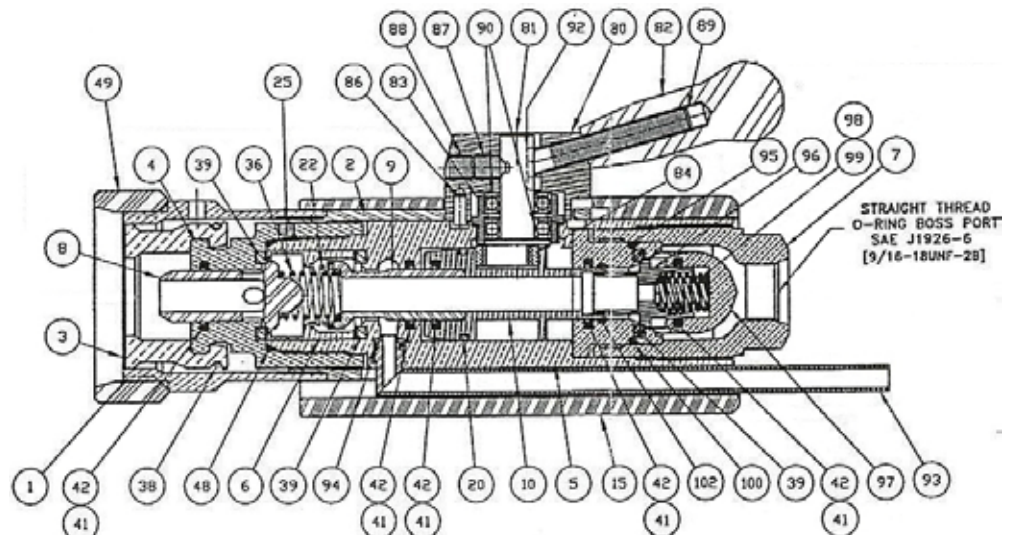
Работно налягане: 310 Bar

Сертификати - ASME Pressure Vessel Registered, Railroad Commission of Texas, ANSI/AGA/CSA NGV1 Type 1 (CT1000 Series). Class A Certified, German Pressure Vessel Ordinance (Druckbeh V) Approved. Bauart number 02CDN1.

Избор на модел

Модел	Резба	Налягане	Тегло	Описание
CC1000S	SAE - 6, 9/16" - 18 UNF	207 bar	1,55кг	CC – без клапан за изпъскане на газа
CT1000SS	SAE - 6, 9/16" - 18 UNF	207 bar	1,63 кг	CT – с клапан
CT1000LS	SAE - 6, 9/16" - 18 UNF	207 bar	1,66 кг	S – допълнително – неръждаема стомана
CT1000-P36S	SAE - 6, 9/16" - 18 UNF	248 bar	1,65 кг	LS – като CT1000SS, но с водещ пръстен P36 – Увеличено налягане

#	Ном.	Цена
80	1000	
4	1022	
3	1443	
2	1227	



СЕРИЯ 5000 ЗА ТОВАРНИ АВТОМОБИЛИ.

Серията пистолети OPW 5000 Series е разработена за високодебитно зареждане на автобуси и коли с голям обем на горивните бутилки. Приложението им включва бързо пълнене, самообслужване на автобуси и големи камиони. Всички пистолети OPW NGV са разработени по прецизни спецификации за висока защита и ефективност.

За куплиране към високодебитни адаптери CL-50

Материали:

Тяло: Месинг и неръждаема стомана

Вътрешност: Неръждаема стомана и месинг

Уплътнения: Специално комбинирани полимери и еластомери за работа с CNG под високо налягане.

Челюсти: Неръждаема стомана

Спецификации:

Мин дебит: 5000 SCFM при 3000 psi

Работна температура: от -40° C до 85° C

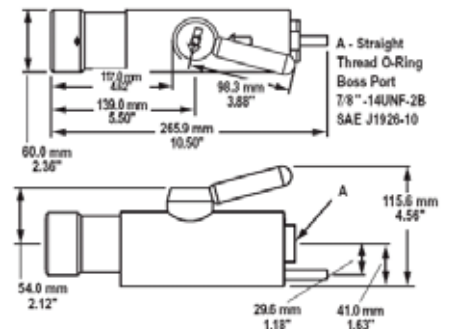
Работно налягане: 310 Bar

Сертификати - ASME Pressure Vessel Registered, Railroad Commission of Texas, Special Application of German Pressure Vessel Available at additional TUV cost.

Избор на модел

Модел	Резба	Налягане	Тегло
CC1000S	SAE - 10,7/8" - 14 UNF	248 bar	3,11 кг
CT1000S	SAE - 10,7/8" - 14 UNF	248 bar	3,78 кг

CC – без клапан , CT – с клапан за отвеждане на газа



СЕРИЯ 6000 ЗА ТОВАРНИ АВТОМОБИЛИ.

Серията пистолети OPW 6000 Series Push-On/Pull-off са разработени за свръх висок дебит за зареждане на частни и CNG системи снабдени с OPW "CL50" куплунзи. Приложението включва бързо зареждане на самообслужване на транзитни автобуси и големи камиони. Този Type 2 пистолет трябва да се използва с вторичен клапан за контрол на дебита, което вентилира или само пистолети или пистолета и маркуча. Този пистолет може да се използва също на изправване на автобуси в комбинация с отворен куплунг. Всички пистолети OPW NGV са разработени по прецизни спецификации за висока защита и ефективност.

За куплиране към високодебитни адаптор CL-50

Материали:

Тяло: Неръждаема стомана, Ацетал

Уплътнения: Специално комбинирани полимери и еластомери за работа с CNG под високо налягане.

Челюсти: Неръждаема стомана

Спецификации:

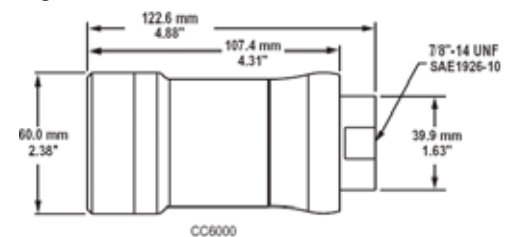
Мин дебит: 5500 SCFM при 3000 psi

Работна температура: от -40° C до 85° C

Работно налягане: 345 Bar

Избор на модел

Модел	Резба	Налягане	Тегло
CC6000	SAE - 10,7/8" - 14 UNF	248 bar	1,6кг



9.1. Receptables

OPW доставя сепаратори от неръждаема стомана за тежкотоварни автомобили, наречени CL Series. Тяхната изработка е резултат от дългогодишния опит в областта на NGV.

Надеждна, устойчива на корозия конструкция. Всички OPW куплунзи са направени от неръждаема стомана.

Не-контактен клапан. Всички OPW NGV куплунзи съдържат високо надежден неконтактен клапан, който се отваря само когато има диференциалното налягане по време на зареждане.

Уникална система за уплътнение. Системата за уплътняване на всички OPW съдове се състои от подвижно седло от неръждаема стомана което със задната си страна присъединява, захващайки уплътнението намиращо се в тялото на съда. Този режим предотвратява „промиването“ на уплътнението по време на състояние на висок поток и "кратерирането" му, поради вероятност от отпадъци. Новият „пломбиращ“ материал има изключително дълъг живот, предотвратявайки пластична деформация и има изключителна устойчивост на износване при всякакви работно налягане и температура. Така обработеното Подвижното седло е изработено от устойчива на удари неръждаема стомана с полирана повърхност, за да осигури надеждно уплътняване при кръста натиск.

Висок дебитната серия "CL" на сепараторите имат много по-голяма пропускателна способност в сравнение с конвенционалните съдове. Траекторията на въздушния поток позволява много високо-дебитни потоци, съчетани с ниско съпротивление и подобрена устойчивост на хидрат -формация.

Гладки или резбови "L" серията позволява на потребителя да поръча или пълен контейнер или да закупи и монтира негов собствен вал -адаптер. Те се предлагат с или без херметически капак за монтаж (фитинг), с или без филтър. Външните херметически капаци с муфа струват по-малко в сравнение с конвенционалните фитинги от неръждаема стомана. Сепараторите от "L" Серията може да се използват паралелно с винт или с приспособления за компресирани тръби. Стандартното тяло е от неръждаема стомана. Телата от "L" Серията се предлагат или с гаечен ключ, или шестнадесетичен за улеснение при автомобилен монтаж.

Филтриране (LE) Филтрите за улавяне прах и газ често се срещат в CNG системите. Филтрираните съдове предпазват уплътнителя на съда и системата за автомобилно гориво. 400 микронов филтър е вграден преди чек-клапана на съда.

Сервизни О-пръстени Проектирани да предотвратят изтичане на метан на мястото на присъединяване

Създай своя собствена Sub-System за Индивидуално тестване и инспектиране

Сепараторите от OPW "L" серията се предлагат със стандартни функции, като каучукова капачка против прах, монтажни шестнадесетичен или гаечен ключ. LD и LE –съдовете се предлагат със стандартен външен херметически капак с муфа.

Херметическият капак за монтаж позволява използването на евтини фитинги за тръби. 400 микронов филтър се предлага като опция. Всички адаптер-валове могат да бъдат закупени от OPW, или от своя доставчик по избор. OPW сепараторите от NGV1 "L" серия са предназначени за NGV-средно съхранение при работно налягане от 207 Bar (3000 PSI) или 248 Bar (3600 PSI). Всички OPW NGV -сепаратори са проектирани и изградени съгласно специфицираните изисквания за безопасност и ефективност.

Каучукова капачка против прах Стандартна капачка имат всички сепаратори.



LB30 & LB36



Показан без вал

LD30 & LD36



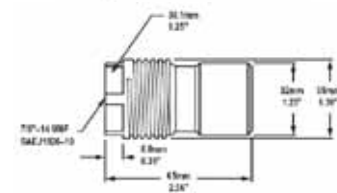
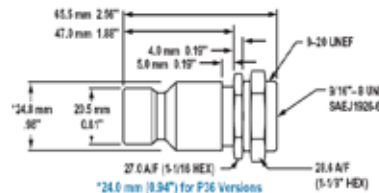
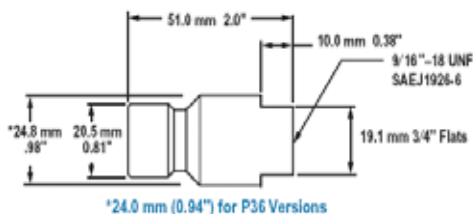
Показан с вал #50067

LE30 & LE36



Показан с вал #50068 с филтър

CL50



Номер	Име	Налягане	Тегло	Цена
LB30	NGV1 Сепаратор 3/4" flats, P30	207 bar	0,140 кг	
LB36	NGV1 Сепаратор 3/4" flats, P36	248 bar	0,140 кг	
LD30	NGV1 Сепаратор с преграда, P30	207 bar	0,200 кг	
LD36	NGV1 Сепаратор с преграда, P36	248 bar	0,200 кг	
LE30	NGV1 Сепаратор с преграда и филтър, P30	207 bar	0,200 кг	
LE36	NGV1 Сепаратор с преграда и филтър, P36	248 bar	0,200 кг	
Заводски комплектовани адаптер и вал				
LB3078	LB30 + 50061	207 bar	0,310 кг	
LB3678	LB36 + 50061	248 bar	0,340 кг	
LB3616	LB36 + 50030	248 bar	0,190 кг	
LB3630	LB36 + 50068	248 bar	0,180 кг	
Валове				
50024	6MM Вал за налягане с/без преграда		0,040 кг	
50025	8MM Вал за налягане с/без преграда		0,050 кг	
50026	10MM Вал за налягане с/без преграда		0,050 кг	
50030	SAE-6, мъжко 9/16-18 мъжко 9/16-18 male		0,030 кг	
50061	SAE-10, 9/16-18 мъжко към 7/8-14 мъжко		0,050 кг	
50065	1/4" Tube Adaptor no bulkhead		0,040 кг	
50067	1/4" Вал за налягане с преграда		0,040 кг	
50068	3/8" Вал за налягане с преграда		0,040 кг	
50071	10MM Вал за налягане с преграда		0,060 кг	
Високодебитни адаптери				
CL50	7/8" - 14 SAE-10 Female Port	248 Bar	0,410 кг	
CL5000	5/8" Double Ferrule Fitting	248 Bar	0,587 кг	
CL5078	7/8" - 14 SAE-10 Male O-Ring Fitting	248 Bar	0,520 кг	
CL5016	16mm Double Ferrule Fitting	248 Bar	0,587 кг	
1121	Replacement "Interface" O-Ring for CL50			

9.2. Breakaways for CNG

OPW линейните отсекателни клапани са инсталирани на гориво-разпределящите маркучи между между дюзата и разпределителя, и ще бъдат разделени, в случай на упражнена определена сила на дръпане, като в случай неконтролируемо на потегляне на автомобила. Двойните клапани се затварят автоматично при отделянето, за да спре притока на гориво или газ, като същевременно защитават оборудването от катастрофални щети. Разтоварващите дюзи са предназначени за безопасно разхерметизиране на превозни средства и могат да бъдат използвани за прехвърляне на гориво от едно превозно средство на друго.

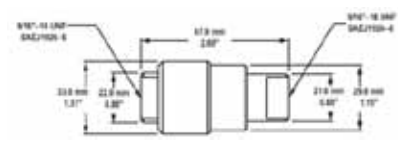
ILB-1



ILB-5



VLB



Model	Inlet thread	Outlet thread	Pressure	Weight
ILB-I	SAE - 6, 9/16" - 18 UNF (female)	SAE - 6, 9/16" - 18 UNF (female)	430 Bar	1.320 kg
ILB-5	SAE - 10, 7/8" - 14 UNF (female)	SAE - 10, 7/8" - 14 UNF (female)	310 Bar	2.120 kg
VLB	SAE - 6, 9/16" - 18 UNF	SAE - 6, 9/16" - 18 UNF	24 Bar	0.280 kg

9.3. Hoses for CNG

OPW market предлага маркучи за CNG готови за работа:



35-NG-06-350	350mm hose incl. 1-fitting 390H-06548 (Jic 37 3/4-16 female swivel) + 1-fitting 390H-06506 (Jic 37 male rigid 9/16-18)	
35-NG-06-3100	3100mm hose incl. 1-fitting 390H-06506 (Jic 37 male rigid 9/16-18) + 1-fitting 390H-06506 (male Jic 37 male rigid 9/16-18)	
3-R30-04- 275	275mm hose incl. 1-fitting 3903-04544 (Jic 37 female swivel 7/16-20) + 1-fitting 3903-04506 (Jic 37 male rigid 9/16-18)	
3-R30-05-3230	3230mm hose incl. 1-fitting 3903-04506 (Jic 37 male rigid 9/16-18) + 1-fitting 3903-04104 (male 1/4"NPT)	

9.4. Nozzles for oxygen and hydrogen

OPW Series self-service nozzles are designed for high pressure, high flow Hydrogen fueling systems. Applications include quick-fill, self-service fueling nozzles of automobiles, light trucks, vans and buses. All OPW Hydrogen fueling nozzles are designed and built to engineering specifications for fueling safety and efficiency. Must be used only in conjunction with OPW SAE Profile Hydrogen receptacles.

Materials:

Body: 316L Stainless Steel with Stainless Steel Jaws

Internal Components: 316L Stainless Steel

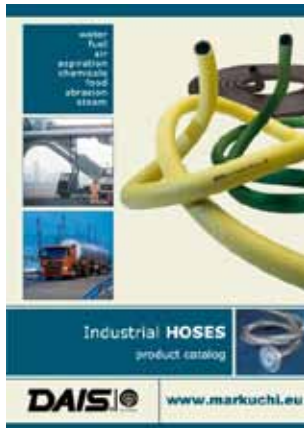
Seals: Specially blended polymers and elastomers specific to high pressure Hydrogen applications



Product No.	Inlet Thread Size	Receptical Type	Profile	Max. Allowable Service Pressure	Weight
CW3600	SAE- 6, 9/16"- 18 UNF	LW3600	SAE	3600psi (248 Bar)	3.44lbs 1.52kg
CW5000	SAE- 6, 9/16"- 18 UNF	LW5000	SAE	5000psi (345 Bar)	3.44lbs 1.52kg

X. Other equipment from DAIS

Industrial hoses



Water
Fuel
Air
Aggressive
chemicals
Acids
Alkaline
Steam

Industrial HOSES
product catalog

DAIS GLOBAL www.markuchl.eu

Ducting hoses



Expansion joint
PVC, EVA and PE
air conditioning
metal hoses
cylindrical hot hoses
flexible stainless
hot air hoses

DUCTING HOSE
product catalog

DAIS GLOBAL www.hoses-global.com

Safety couplings



OPC
DAC
DSC
SAC
vents
breakaway

SAFETY COUPLERS
product catalog

DAIS GLOBAL www.daisglobal.eu

Fittings

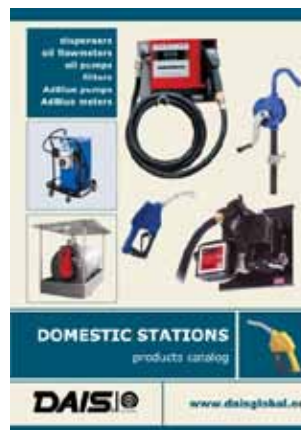


Flanges
couplings
pipe clamps
elbows
tees
reducers
stainless
steel
brass
copper

FITTINGS
product catalog

DAIS GLOBAL www.daisglobal.eu

Domestic diesel and AdBlue stations

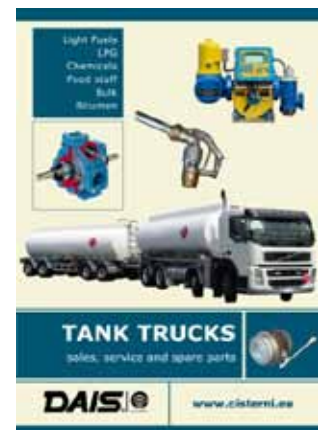


Dispenser
of flowmeters
all pumps
AdBlue
AdBlue pumps
AdBlue water

DOMESTIC STATIONS
products catalog

DAIS GLOBAL www.daisglobal.eu

Tank Trucks and equipment

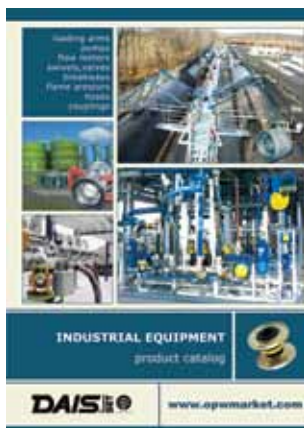


Light Pumps
LPG
Chemicals
Food stuff
Bulk
Stoppers

TANK TRUCKS
sales, service and spare parts

DAIS GLOBAL www.cisterni.eu

Industrial equipment




Loading arms
conveyors
Roller conveyors
conveyors
conveyors
conveyors
conveyors
conveyors

INDUSTRIAL EQUIPMENT
product catalog

DAIS GLOBAL www.opwmarket.com

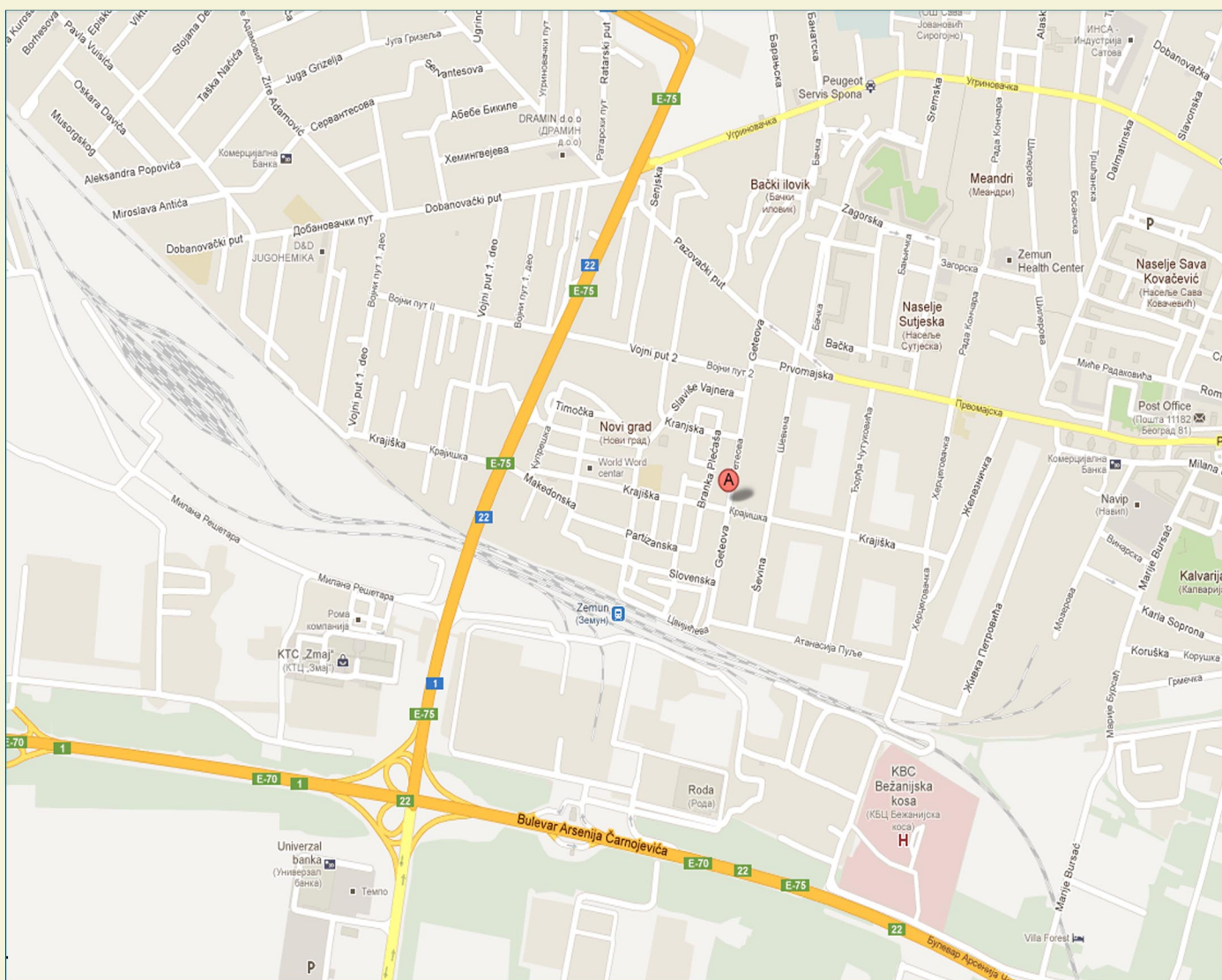
Compensators



For gas, LPG
and other products
chemicals, acids
bases, petroleum
fuel, water
oil and grease
air

EXPANSION JOINTS
product catalog

DAIS GLOBAL www.daisglobal.eu



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