



EXPORT
carwash

1 SOAP	4	19 GUNS	90
2 HIGH PRESSURE PUMPS	6	LEAKING	91
CAT PUMPS	9	NON-LEAKING	92
INTERPUMP PUMPS	14	20 FOAM ACCESSORIES	94
HAWK PUMPS	18	21 VARIOUS CAR WASH ACCESSORIES	98
ANNOVI REVERBERI PUMPS	20	22 NOZZLES	102
VERTICAL PUMPS	22	FIX	104
HORIZONTAL PUMPS	23	ROTATING NOZZLES 160 BAR	105
3 DOSING PUMPS	24	ROTATING NOZZLES 255 BAR	105
DOSING PUMPS	25	ROTATING NOZZLES 400 BAR	106
PNEUMATIC PUMPS VITON SEALS	26	PIPE CLEANING NOZZLES	106
PNEUMATIC PUMPS EPDM SEALS	27	CAR WASH ROLLOVERS NOZZLES	106
4 DOSE SYSTEMS	28	LONG-RANGE NOZZLE	107
5 PRESSURE WASHER	30	23 LOW PRESSURE WHEEL CLEANER ACCESSORIES	108
6 MOTORS	32	24 BOILERS	110
MOTORS	33	25 PERIPHERALS	114
HOLLOW SHAFT MOTORS	33	26 HYDROCARBON SEPARATORS	124
7 PRESSURE REGULATORS AND VALVES	34	27 CLEANING HEADS	126
8 WATER TREATMENT	38	28 SURFACE CLEANERS	128
FILTERS	39	29 VARIOUS CONSUMABLES	132
WATER SOFTENERS	40	30 CAR WASH BRIDGE ACCESSORIES	134
VARIOUS WATER TREATMENT	41	31 CAR WASH ROLLOVER ACCESSORIES	138
FLOATS	42	TIMING BELT	139
REVERSE OSMOSIS	42	INDUCTIVE SENSORS, PHOTOCELLS, AND SOLENOID VALVES	139
PRESSURE GAUGES	46	MOTORS AND REDUCERS	140
9 VACUUM CLEANERS	48	ISTOBAL BRUSH SETS	142
10 VACUUM ACCESSORIES	54	WASHTEC BRUSH SETS	142
11 COIN ACCEPTORS	60	31.6 CECCATO, AQUARAMA, AUTOEQUIP, KÄRCHER BRUSH SETS	143
12 SOLENOID VALVES	66	32 PUMP'S EXPLODED VIEW	146
13 QUICK CONNECTORS	70	CAT350	148
14 CHECK VALVES	74	CAT 5CP	150
15 CAR WASH HOSES	76	CAT 3CP	152
16 ROTARY HIGH PRESSURE SWIVELS	80	INTERPUMP WS82	154
17 CEILING BOOMS	84	INTERPUMP WS151	155
18 WASHING LANCES	86	INTERPUMP WS201	156
FREE-FLOW LANCES	87	INTERPUMP WS202	157
LANCES FOR GUNS	88	INTERPUMP W130	158
WASHING LANCE AND GUN SETS	89	NMT1220 - 1520 - 2120	160
		HAWK NMT 1520 ECOBRAS	162



Export Car Wash 2017, S.L. was established by a team of professionals with a solid reputation in the self-service car wash and high-pressure cleaning industry. Our goal is to provide high-quality services to the European and Latin American markets.

In addition to the extensive experience of our professional team, our parts have proven their effectiveness and full compatibility with those supplied by leading multinational companies in the sector, such as ISTOBAL, CECCATO, WASHTEC, and CHRIST.

Our online service, supported by the ample stock of materials in our warehouses located just a few kilometers from Valencia, allows us to dispatch all our products quickly without relying on intermediary companies. This helps our buyers avoid service issues and extra costs.





Our main goal is to provide high-quality solutions at a competitive price for our customers, becoming their trusted supplier for their business.



In this catalogue, we provide a sample of some of the many products available in our portfolio. It is organized into product families and subfamilies, distinguishing between types of products and their various applications, brands, and categories.



1

SOAP



PREMIUM POWDER SOAP (kg)



PREMIUM LIQUID SOAP



ACTIVE FOAM



ACTIVE FOAM



HYDROPHOBIC WAX



WHEEL CLEANER



WHEEL CLEANER PREMIUM



SCREEN CLEANER

Our chemicals are specifically developed for vehicle washing. They are formulated to remove dirt adhered to the car body, resulting in an optimal finish and shine after washing.

FEATURES OF OUR PRODUCTS

- High solubilisation power
- Uniform granulometry
- Excellent solubility
- Protection in materials
- Adaptability to different dosing systems
- Various fragrances
- Different concentrations

Fighting against climate change is a commitment we all share. Building an ecological and sustainable future is an obligation, which is why our soaps are completely biodegradable and crafted with ecological consciousness, ensuring the complete elimination of their footprint once they have fulfilled their mission

RESPECTING THE ENVIRONMENT IS A TOP PRIORITY FOR US



2

HIGH PRESSURE PUMPS

PUMP SELECTION

The most important aspect when choosing the right piston pump is to know the flow rate, pressure, absorbed power, and rotation speed.

The flow rate is measured in liters per minute, rotation speed in revolutions per minute, pressure in bars indicating the maximum pressure the pump can withstand, and finally, absorbed power is measured in kW, referring to the maximum flow and pressure efficiencies. Pumps include all this information on their characteristics plate.

The following table shows the relationship between power, pressure, and flow rate.

Capacity Q and rotation speed Rpm are directly proportional.



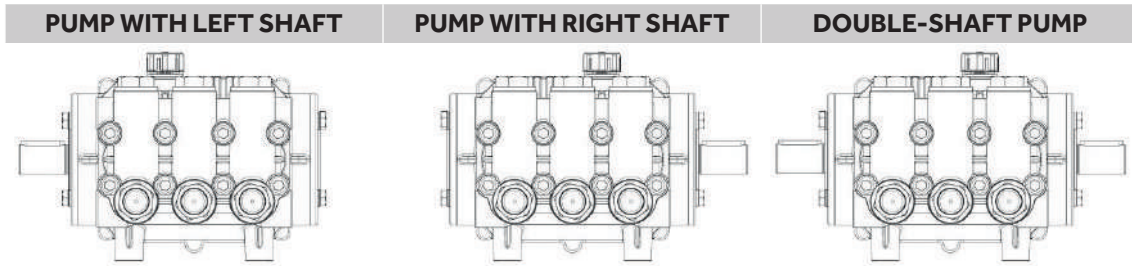
	PRESSURE (Bar)																		
	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
1	0,10	0,14	0,19	0,24	0,29	0,34	0,38	0,43	0,48	0,53	0,58	0,63	0,67	0,72	0,77	0,82	0,87	0,91	0,96
2	0,19	0,29	0,38	0,48	0,58	0,67	0,77	0,87	0,96	1,06	1,15	1,25	1,35	1,44	1,54	1,63	1,73	1,83	1,92
4	0,38	0,58	0,77	0,96	1,15	1,35	1,54	1,73	1,92	2,12	2,31	2,50	2,69	2,88	3,08	3,27	3,46	3,65	3,85
6	0,58	0,87	1,15	1,44	1,73	2,02	2,31	2,60	2,88	3,17	3,46	3,75	4,04	4,33	4,62	4,90	5,19	5,48	5,77
8	0,77	1,15	1,54	1,92	2,31	2,69	3,08	3,46	3,85	4,23	4,62	5,00	5,38	5,77	6,15	6,54	6,92	7,31	7,69
8,5	0,82	1,23	1,63	2,04	2,45	2,86	3,27	3,68	4,09	4,50	4,90	5,31	5,72	6,13	6,54	6,95	7,36	7,76	8,17
10	0,96	1,44	1,92	2,40	2,88	3,37	3,85	4,33	4,81	5,29	5,77	6,25	6,73	7,21	7,69	8,17	8,65	9,13	9,62
11	1,06	1,59	2,12	2,64	3,17	3,70	4,23	4,76	5,29	5,82	6,35	6,88	7,40	7,93	8,46	8,99	9,52	10,05	10,58
12	1,15	1,73	2,31	2,88	3,46	4,04	4,62	5,19	5,77	6,35	6,92	7,50	8,08	8,65	9,23	9,81	10,38	10,96	11,54
12,5	1,20	1,80	2,40	3,00	3,61	4,21	4,81	5,41	6,01	6,61	7,21	7,81	8,41	9,01	9,62	10,22	10,82	11,42	12,02
13	1,25	1,88	2,50	3,13	3,75	4,38	5,00	5,63	6,25	6,88	7,50	8,13	8,75	9,38	10,00	10,63	11,25	11,88	12,50
14	1,35	2,02	2,69	3,37	4,04	4,71	5,38	6,06	6,73	7,40	8,08	8,75	9,42	10,10	10,77	11,44	12,12	12,79	13,46
15	1,44	2,16	2,88	3,61	4,33	5,05	5,77	6,49	7,21	7,93	8,65	9,38	10,10	10,82	11,54	12,26	12,98	13,70	14,42
17	1,63	2,45	3,27	4,09	4,90	5,72	6,54	7,36	8,17	8,99	9,81	10,63	11,44	12,26	13,08	13,89	14,71	15,53	16,35
18	1,73	2,60	3,46	4,33	5,19	6,06	6,92	7,79	8,65	9,52	10,38	11,25	12,12	12,98	13,85	14,71	15,58	16,44	17,31
21	2,02	3,03	4,04	5,05	6,06	7,07	8,08	9,09	10,10	11,11	12,12	13,13	14,13	15,14	16,15	17,16	18,17	19,18	20,19
22	2,12	3,17	4,23	5,29	6,35	7,40	8,46	9,52	10,58	11,63	12,69	13,75	14,81	15,87	16,92	17,98	19,04	20,10	21,15
25	2,40	3,61	4,81	6,01	7,21	8,41	9,62	10,82	12,02	13,22	14,42	15,63	16,83	18,03	19,23	20,43	21,63	22,84	24,04
27	2,60	3,89	5,19	6,49	7,79	9,09	10,38	11,68	12,98	14,28	15,58	16,88	18,17	19,47	20,77	22,07	23,37	24,66	25,96
30	2,88	4,33	5,77	7,21	8,65	10,10	11,54	12,98	14,42	15,87	17,31	18,75	20,19	21,63	23,08	24,52	25,96	27,40	28,85
33	3,17	4,76	6,35	7,93	9,52	11,11	12,69	14,28	15,87	17,45	19,04	20,63	22,21	23,80	25,38	26,97	28,56	30,14	31,73
35	3,37	5,05	6,73	8,41	10,10	11,78	13,46	15,14	16,83	18,51	20,19	21,88	23,56	25,24	26,92	28,61	30,29	31,97	33,65
36	3,46	5,19	6,92	8,65	10,38	12,12	13,85	15,58	17,31	19,04	20,77	22,50	24,23	25,96	27,69	29,42	31,15	32,88	34,62
38	3,65	5,48	7,31	9,13	10,96	12,79	14,62	16,44	18,27	20,10	21,92	23,75	25,58	27,40	29,23	31,06	32,88	34,71	36,54
40	3,85	5,77	7,69	9,62	11,54	13,46	15,38	17,31	19,23	21,15	23,08	25,00	26,92	28,85	30,77	32,69	34,62	36,54	38,46
41	3,94	5,91	7,88	9,86	11,83	13,80	15,77	17,74	19,71	21,68	23,65	25,63	27,60	29,57	31,54	33,51	35,48	37,45	39,42
42	4,04	6,06	8,08	10,10	12,12	14,13	16,15	18,17	20,19	22,21	24,23	26,25	28,27	30,29	32,31	34,33	36,35	38,37	40,38
43	4,13	6,20	8,27	10,34	12,40	14,47	16,54	18,61	20,67	22,74	24,81	26,88	28,94	31,01	33,08	35,14	37,21	39,28	41,35
50	4,81	7,21	9,62	12,02	14,42	16,83	19,23	21,63	24,04	26,44	28,85	31,25	33,65	36,06	38,46	40,87	43,27	45,67	48,08
54	5,19	7,79	10,38	12,98	15,58	18,17	20,77	23,37	25,96	28,56	31,15	33,75	36,35	38,94	41,54	44,13	46,73	49,33	51,92
55	5,29	7,93	10,58	13,22	15,81	18,51	21,15	23,80	26,44	29,09	31,73	34,38	37,02	39,66	42,31	44,95	47,60	50,24	52,88
60	5,77	8,65	11,54	14,42	17,31	20,19	23,08	25,96	28,85	31,73	34,62	37,50	40,38	43,27	46,15	49,04	51,92	54,81	57,69
70	6,73	10,10	13,46	16,83	20,19	23,56	26,92	30,29	33,65	37,02	40,38	43,75	47,12	50,48	53,85	57,21	60,58	63,94	67,31
80	7,69	11,54	15,38	19,23	23,08	26,92	30,77	34,62	38,46	42,31	46,15	50,00	53,85	57,69	61,54	65,38	69,23	73,08	76,92
105	10,10	15,14	20,19	25,24	30,29	35,34	40,38	45,43	50,48	55,53	60,58	65,63	70,67	75,72	80,77	85,82	90,87	95,91	100,96
120	11,54	17,31	23,08	28,85	34,62	40,38	46,15	51,92	57,69	63,46	69,23	75,00	80,77	86,54	92,31	98,08	103,85	109,62	115,38

HIGH PRESSURE PUMPS

The pressure pumps pump clean fresh water or with a low percentage of common detergent mixtures, reaching temperatures of up to 65 °C.

The pH of the water should be between 5 and 9. If the water contains abrasive particles, it would be necessary to install a 20+30µm filter.

Pressure pumps can have the shaft on the right, left, or on both sides.



PUMP TYPES

Standard Pumps	For applications where clean water or a mixture with detergent is pumped below 65 °C
Car Wash Pumps	Pump used in the car wash industry. Simple and reliable maintenance incorporates a corrosion-resistant nickel-plated head
HT Pumps	Perfect for the food industry and applications where temperatures reach up to 85°C. Incorporates a corrosion-resistant nickel-plated head
Atex Pumps	For potentially explosive environments. ATEX certified, category II 2G c T135 °C (T4)

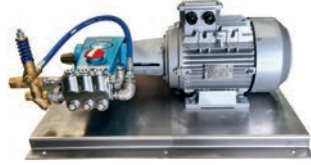
2.1 CAT PUMPS

32350



PUMP CAT 350

GR32350



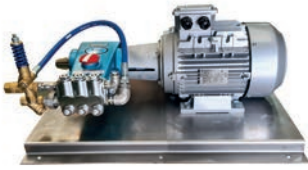
COMPLETE MOTOR PUMP GROUP WITH CAT 350 PUMP ON A STAINLESS STEEL BENCH

325CP2150W



CAT PUMP 5CP2150 W

GR325CP2150W



COMPLETE MOTOR PUMP GROUP WITH CAT 5CP PUMP ON A STAINLESS STEEL BENCH

323CP1140



PUMP CAT 3CP1140

325CP3120



CAT PUMP 5CP3120

325CP5120



CAT PUMP 5CP5120

32810027



COMPLETE PUMP HEAD CAT 350

32816650



COMPLETE PUMP HEAD CAT 5CP2150 W

32814841



COMPLETE PUMP HEAD CAT 3CP1140

32814843



COMPLETE PUMP HEAD CAT 5CP3120

32814844



COMPLETE PUMP HEAD CAT 5CP5120

3230821



3 O-RINGS KIT FOR 350-5CP 2150 W

3233062



3 O-RINGS KIT FOR 3CP1140

3233060



3 O-RINGS KIT FOR 5CP3120 / 5CP5120

HIGH PRESSURE PUMPS

3230623



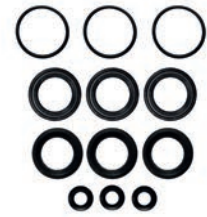
O-RING KIT 350 COMPLETE

3233628



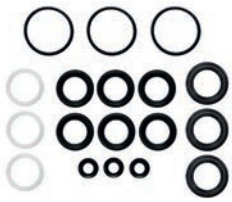
COMPLETE GASKET KIT FOR
5CP2150W

3233983



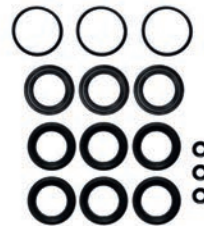
COMPLETE GASKET KIT FOR 3CP1140

3233629



COMPLETE GASKET KIT FOR 5CP3120

3233630



COMPLETE GASKET KIT FOR 5CP5120

2700002



BELL HOUSING CAT310/340/350

2700003



BELL HOUSING CAT5CP2150 W

2700004



FLEXIBLE COUPLING FOR
CAT310/340/350 AND CAT 5CP

32704348



ELASTIC COUPLING 3CP 16,5X28

2700001



SHAFT PROTECTION CAT310/340/350
+ 5CP + 3CP

3230057



SHAFT COTTER PIN 350-5CP

3230047



SHAFT COTTER PIN 350-5CP

670000001



5L HYDRAULIC OIL CONTAINER

3530037000



HIGH-PRESSURE DAMPER 3/8" M

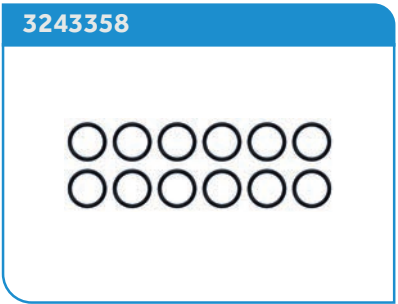
3245103



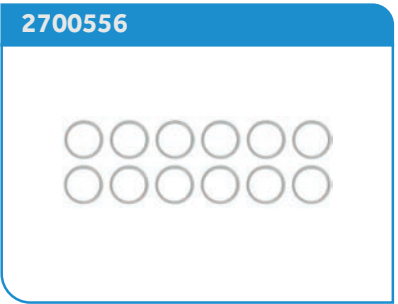
SEALING BOX DISASSEMBLY KEY 350



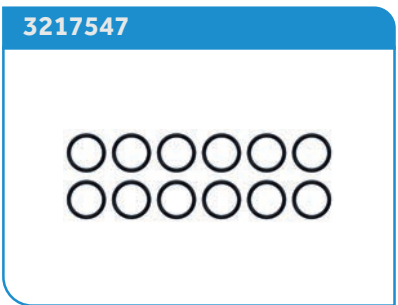
VALVE REMOVAL PLIERS



KIT 12 VALVES O-RINGS 350-5CP



TEFLON JOINT SET FOR CAT 350-5CP VALVES. 12 JOINTS PER UNIT



KIT 12 VALVES O-RINGS 3CP-5CP5120



3 O-RINGS KIT HIGH PRESSURE FOR 350-5CP



3 O-RINGS KIT LOW PRESSURE FOR 350-5CP



3 O-RINGS KIT HIGH PRESSURE FOR 3CP



3 O-RINGS KIT LOW PRESSURE FOR 3CP



OIL LEVEL SIGHT GLASS 350-5CP



OIL LEVEL SIGHT GLASS GASKET 350-5CP



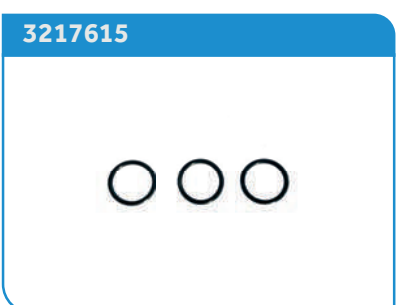
DRAIN PLUG 350-5CP



DRAIN PLUG O-RING 350-5CP



VALVE PLUG 350-5CP



KIT 3 VALVE PLUG O-RINGS 350-5CP



HIGH PRESSURE OUTLET PLUG 3/8" 350-5CP

HIGH PRESSURE PUMPS

200713040



COUPLING EXTRACTOR

3243222



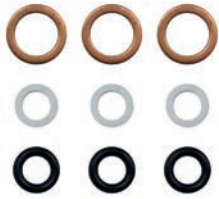
OIL PLUG O-RING FOR CRANKSHAFT
SIDE COVER 350-5CP

3243367



CERAMIC PISTON 350

3245891



SEALING KIT FOR 3 PISTONS 350

3245883



COMPLETE CONNECTING ROD FOR
350

3243211



OIL PLUG 350

3245679



BRASS SLEEVE CAT 350

3214200



KIT 3 FOR BRASS SLEEVE CAT 350

3243228



3 OIL O-RINGS KIT 350

3243302



OIL ABSORPTION FELT FOR 350

3243355



SURPLUS OIL TANK 350

3246841



CERAMIC PISTON 5CP2150 W

3213099



SCREW FOR PISTON FIXATION
5CP2150 W STAINLESS STEEL

3246730



PINTON SEALING O-RING FOR
5CP2150 W

3246798



OIL PLUG 5CP2150 W

3214179



O-RING OIL PLUG 5CP2150 W

3246843



BRASS SLEEVE FOR CAT 5CP2150 W

3213978



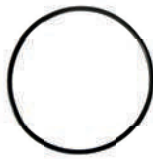
O-RING FOR BRASS SLEEVE CAT 5CP2150 W

3246838



OIL PLUG O-RING FOR 5CP2150 W/5CP512075CP3120

3214028



O-RING CRANKSHAFT SIDE COVER 5CP

3214044



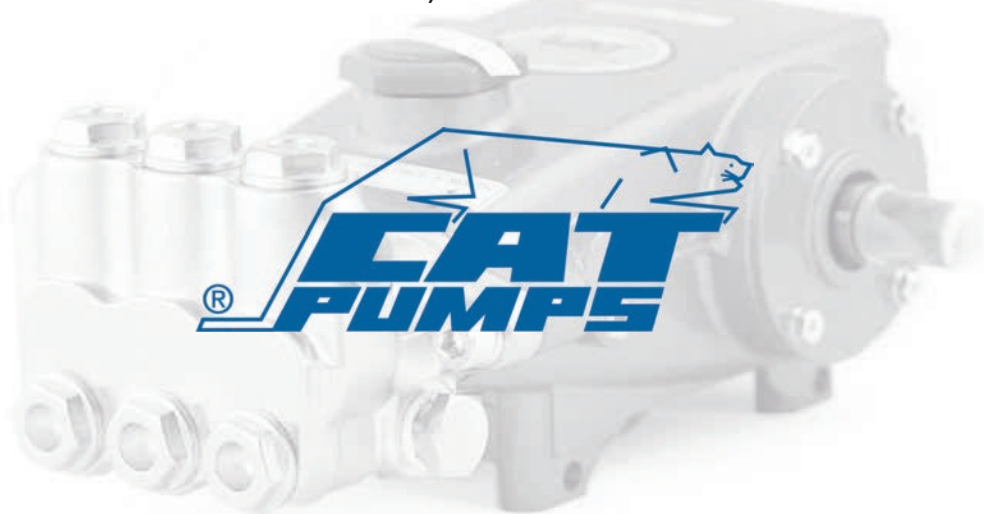
O-RING CRANKCASE COVER 5CP2150 W

3246749



NYLON SLEEVE FOR 5CP2150 W

*** FOR OTHER SPARE PARTS, SEE EXPLODED VIEWS IN CHAPTER 32.**



HIGH PRESSURE PUMPS

2.2 INTERPUMP PUMPS

28WS82



INTERPUMP PUMP WS102 (WS82)

28E1B11613



BOMBA INTERPUMP E1B11613 (W99)

28WS151



INTERPUMP PUMP WS151

28WS201



INTERPUMP PUMP WS201

28WS202



INTERPUMP PUMP WS202

28W130



INTERPUMP PUMP W130

28IPKIT1

KIT N° 1 INTERPUMP (VALVES WS82/W99/WS151/WS201/WS202)

28IPKIT69

KIT N° 69 INTERPUMP (OIL SEALS WS82/WS151/WS201/WS202)

28IPKIT27

KIT N° 27 INTERPUMP (OIL SEALS W99)



2847040409



PISTON Ø20X50 (WS82/WS151/
WS201/WS202)

2850040409



PISTON Ø20X40 (W99)

28ZF151



COUPLING BELL FOR WS151

28ZF201



COUPLING BELL FOR WS201/202

28ZF091



COUPLING BELL FOR W99

28ZG151



ELASTIC COUPLING FOR WS151

28ZG201



ELASTIC COUPLING FOR WS201/202

28ZG091



ELASTIC COUPLING FOR W99

28ZKW22



CONTROL SET W2. 2 CHIM J-BYPAS





PUMP	1	2	3	4	5	6	7	8	9	10	11	12
VHT6646	KIT.169	KIT.2	KIT.3				KIT.210			KIT.211	66.0404.09 (024)	66.1208.41
VHT6968	KIT.43	KIT.37	KIT.32				KIT.212			KIT.213	69.0400.09 (036)	69.1219.41
VHT7095H	KIT.2030						KIT.212			KIT.2032	70.0405.09 (036)	70.1241.41
VHT71150	KIT.2012 + KIT.2013						KIT.2033			KIT.2034	71.0405.09 (040)	71.1232.41
W4	KIT.62	KIT.37	KIT.32							KIT.39	69.0400.09 (036)	69.1200.22
W70	KIT.1	KIT.23		KIT.4	KIT.6		KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)	50.1200.22
W71	KIT.1	KIT.23		KIT.4	KIT.6		KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)	50.1200.22
W92	KIT.1	KIT.23		KIT.4	KIT.6		KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)	50.1200.22
W97	KIT.123	KIT.23	KIT.3	KIT.124	KIT.6		KIT.148	KIT.149	KIT.14	KIT.29	47.0405.09 (022)	47.1201.41
W98	KIT.1	KIT.23		KIT.4	KIT.6		KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)	50.1200.22
W99	KIT.1	KIT.23		KIT.4	KIT.6		KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)	50.1200.22
W101	KIT.1	KIT.23		KIT.4	KIT.6		KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)	50.1200.22
W103	KIT.62	KIT.37	KIT.32				KIT.65	KIT.66	KIT.71	KIT.10	KIT.28	47.0404.09 (020)
W112	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.128	KIT.126	KIT.131	44.0401.09 (018)	44.1204.41
W124	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.128	KIT.126	KIT.131	44.0401.09 (018)	44.1204.41
W130	KIT.123	KIT.23		KIT.124	KIT.6		KIT.90	KIT.88	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W131	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.90	KIT.88	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W132	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.11	KIT.148	KIT.149	KIT.14	KIT.29	47.0405.09 (022)
W140	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.128	KIT.126	KIT.131	44.0401.09 (018)	44.1204.41
W150	KIT.123	KIT.23		KIT.124	KIT.6		KIT.90	KIT.88	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W151	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.7	KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)
W154	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W162	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.11	KIT.148	KIT.149	KIT.14	KIT.29	47.0405.09 (022)
W163	KIT.1	KIT.24		KIT.4	KIT.6		KIT.11	KIT.148	KIT.149	KIT.14	KIT.29	47.0405.09 (022)
W170	KIT.123	KIT.23		KIT.124	KIT.6		KIT.90	KIT.88	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W200	KIT.123	KIT.23		KIT.158	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W201	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.7	KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)
W203	KIT.1	KIT.24		KIT.4	KIT.6		KIT.7	KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)
W204	KIT.123	KIT.23		KIT.158	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W627	KIT.1	KIT.37	KIT.32				KIT.190	KIT.188	KIT.188	KIT.188	KIT.188	44.1207.41
W905	KIT.1	KIT.83		KIT.84	KIT.6		KIT.97	KIT.86	KIT.86	KIT.96	51.0400.09 (015)	51.1200.41
W912	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	
W913	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	
W914	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	
W916	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	
W921	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	
W922	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	
W928	KIT.1	KIT.23	KIT.3	KIT.106	KIT.107		KIT.108	KIT.109	KIT.110	KIT.111	47.0408.56 (016)	47.1214.41
W950	KIT.123	KIT.23		KIT.124	KIT.6		KIT.88	KIT.89	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W951	KIT.123	KIT.23		KIT.124	KIT.6		KIT.88	KIT.89	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W952	KIT.123	KIT.23		KIT.124	KIT.6		KIT.88	KIT.89	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W953	KIT.123	KIT.23		KIT.124	KIT.6		KIT.88	KIT.89	KIT.125	KIT.130	52.0400.09 (015)	44.1200.41
W954	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W955	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W956	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W957	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W958	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W959	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W959	KIT.123	KIT.23		KIT.124	KIT.6		KIT.129	KIT.127	KIT.128	KIT.126	KIT.131	44.0401.09 (018)
W995	KIT.1	KIT.23		KIT.4	KIT.6		KIT.21	KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)
W996	KIT.1	KIT.23		KIT.4	KIT.6		KIT.21	KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)
W997	KIT.1	KIT.23		KIT.4	KIT.6		KIT.21	KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)
W1550	KIT.169	KIT.2	KIT.3				KIT.248			KIT.247	66.0410.09 (028)	66.1246.41
W2030	KIT.169	KIT.2	KIT.3				KIT.172			KIT.173	66.0401.09 (022)	66.1201.41
W2035	KIT.169	KIT.2	KIT.3				KIT.172			KIT.173	66.0401.09 (022)	66.1201.41
W2141	KIT.169	KIT.2	KIT.3				KIT.181			KIT.182	66.0404.09 (024)	66.1202.41
W2525	KIT.169	KIT.2	KIT.3				KIT.170			KIT.171	66.0400.09 (020)	66.1200.41
W3018	KIT.169	KIT.2	KIT.3				KIT.180			KIT.176	66.0403.09 (018)	66.1245.41
W3021	KIT.169	KIT.2	KIT.3				KIT.180			KIT.176	66.0403.09 (018)	66.1245.41
W3025	KIT.169	KIT.2	KIT.3				KIT.170			KIT.171	66.0400.09 (020)	66.1200.41
W3521	KIT.150	KIT.2	KIT.3				KIT.180			KIT.176	66.0403.09 (018)	66.1211.41
W3523	KIT.150	KIT.2	KIT.3				KIT.174			KIT.176	66.0403.09 (018)	66.1211.41
W4015	KIT.150	KIT.2	KIT.3				KIT.174			KIT.175	66.0402.09 (016)	66.1204.41
W4018	KIT.150	KIT.2	KIT.3				KIT.174			KIT.175	66.0402.09 (016)	66.1240.41
W4518	KIT.150	KIT.2	KIT.3				KIT.174			KIT.175	66.040209 (016)	66.1240.41
W5015	KIT.150	KIT.2	KIT.3				KIT.174			KIT.175	66.040209 (016)	66.1240.41
W5018	KIT.150	KIT.2	KIT.3				KIT.174			KIT.175	66.040209 (016)	66.1247.41
WK6	KIT.2246 (X2UD)						KIT.248			KIT.247	70.0413.09 (032)	70.1266.15
WK8	KIT.2247 + KIT.2259						KIT.2133			KIT.2133	70.0405.09 (036)	70.1261.15
WK12	KIT.2012 + KIT.2013						KIT.2066			KIT.2222	72.0400.09 (032)	71.1292.15
WK15	KIT.2012 + KIT.2013						KIT.2018			KIT.2019	71.0404.09 (036)	71.1294.15
WK155	KIT.2246 (X2UD)						KIT.2010			KIT.2252	70.0404.09 (030)	70.1265.15
WK159	KIT.2012 + KIT.2013						KIT.2016			KIT.2017	71.0403.09 (018)	71.1290.15
WK355	KIT.2031 + KIT.2256						KIT.2026			KIT.2017	71.0411.09 (022)	71.1201.36
WK525	KIT.2031 + KIT.2256						KIT.2227			KIT.2231	70.0411.09 (018)	70.1256.36
WK530	KIT.2031 + KIT.2256						KIT.2228			KIT.2232	70.0411.09 (018)	70.1256.36
WS82	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	47.1201.41
WS92	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.11	KIT.148	KIT.149	KIT.14	KIT.29	47.0405.09 (022)
WS101	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	47.1201.41
WS102	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	47.1201.41
WS104	KIT.62	KIT.37	KIT.32				KIT.54	KIT.54	KIT.57	KIT.82	47.0404.09 (020)	69.1210.41
WS131	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.7	KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)
WS132	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.11	KIT.148	KIT.149	KIT.14	KIT.29	47.0405.09 (022)
WS133	KIT.1	KIT.23	KIT.3	KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	47.1201.41
WS135	KIT.1	KIT.24		KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	48.1202.41
WS137	KIT.1	KIT.23		KIT.4	KIT.6		KIT.21	KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)
WS149	KIT.1	KIT.23		KIT.4	KIT.6		KIT.21	KIT.19	KIT.20	KIT.22	KIT.27	50.0404.09 (020)
WS151	KIT.1	KIT.23		KIT.4	KIT.6		KIT.69	KIT.71	KIT.10	KIT.28	47.0404.09 (020)	47.1201.41
WS152	KIT.1	KIT.23	K									

HIGH PRESSURE PUMPS

2.3 HAWK PUMPS



1910992990 NMT PUMP 1220 CAR WASH RIGHT 1450 RPM (RIGHT) 12 L 200 BAR

1910993000 NMT PUMP 1520 CAR WASH LEFT 1450 RPM (LEFT) 15 L 200 BAR

1910993010 NMT PUMP 1520 CAR WASH RIGHT 1450 RPM (RIGHT) 15 L 200 BAR

1910993050 NMT PUMP 2120 CAR WASH RIGHT 1450 RPM (RIGHT) 21 L 200 BAR



1910990960 XLT 3025IR PUMP RIGHT 1450 RPM 30L 250 BAR

1910991020 XLT 4017IR PUMP RIGHT 1450 RPM 40L 170 BAR



1919055390

NMT 1520 RED ECOBRAS PUMP. RIGHT.



GRNMT

COMPLETE MOTOR PUMP GROUP WITH HAWK NMT 1220-1520 PUMP ON A STAINLESS STEEL BENCH



19610019

MOTOR PUMP UNIT (HOLLOW SHAFT) NHD 10 L 150BAR. SINGLE PHASE



1910993830

HAWK NMT 15L 200 BAR THREE-PHASE MOTOR PUMP UNIT



1910995450

FLEXIBLE COUPLING Ø24 - 38 (H132)



2702514

FLEXIBLE COUPLING FOR HAWK PUMPS (H100/112)



1910995300

COUPLING BELL (H100/112)



2703107

BELL HOUSING FOR HAWK PUMPS (H100/112)



1919055430

KIT 6 VALVES NMT 1220-1520-2120*

1910998490



SEAL KIT NMT 1220-1520-2120*
(ECOBRAS)

1910997490



COMPLETE CERAMIC PISTON KIT NMT
1220-1520-2120

1910997510



OIL SEAL KIT NMT 1220-1520-2120

1910998510



COMPLETE HEAD NMT
1220-1520-2120

*** FOR OTHER SPARE PARTS, SEE EXPLODED VIEWS IN CHAPTER 32.**



HIGH PRESSURE PUMPS

2.5 ANNOVI REVERBERI PUMPS

6320635



PUMP RK 13.20 13 L 200 BAR

6320638



PUMP RK 15.20 15 L 200 BAR

6321129



PUMP RK 21.20 21 L 200 BAR

6320060



PUMP XWL 30.20 30 L 200 BAR

6321058



PUMP XWL 42.07 42 L 70 BAR



632864	VALVES KIT 2864 RK SERIES
631855	KIT 1855 OIL SEAL KIT FOR MODELS RK
631857	KIT 1857 WATER SEAL KIT FOR MODELS RK 13.20 - 15.20
631888	KIT 1888 WATER SEAL KIT FOR MODELS RK 21.20
632780	VALVES KIT 2780 XWL SERIES
632873	KIT 2873 OIL SEAL KIT FOR MODELS XWL
6342708	KIT 2873 WATER SEAL KIT FOR MODELS XWL





HIGH PRESSURE PUMPS

2

2.6 VERTICAL PUMPS



CHECK MODELS

Other options available on request

Version N with all components that are in contact with the liquid made of AISI 316 stainless steel

Special materials for mechanical seal, gaskets, and elastomers

Oval connection flanges (T version), maximum pressure 16 Bar

Victaulic® coupling (V version) and clamp coupling (C version), maximum pressure 25 Bar

Horizontal assembly

High-pressure version up to 50 Bar

60 Hz Version

FPS Brand

Compact version available for powers of 5.5 and 7.5 kW in models EV10 to EV95

FEATURES

New hydraulic design to maximize efficiency ($MEI \geq 0.7$)

Maximum flow rate of 120 m³/h at 50 Hz

Maximum pressure of 32 Bar at 50 Hz

Working fluid temperature between -15 °C and +120 °C

For powers > 4 kW (motor >30 kg), the mechanical seal can be replaced without removing the motor

Inline discharge and suction outlet: Standard round flange (F version). Counter-flanges not included

Oversized upper bearing (motor coupling flange) that protects the motor bearing and minimizes axial stress on the pump

Tungsten carbide intermediate bearing to stabilize the shaft and prevent vibrations

Tungsten carbide lower shaft bearing (for EV30-95)

Standard mechanical seal type E1 (Silicon Carbide/Graphite/EPDM/Stainless Steel AISI 316). Balanced for EV30-95. Other types available

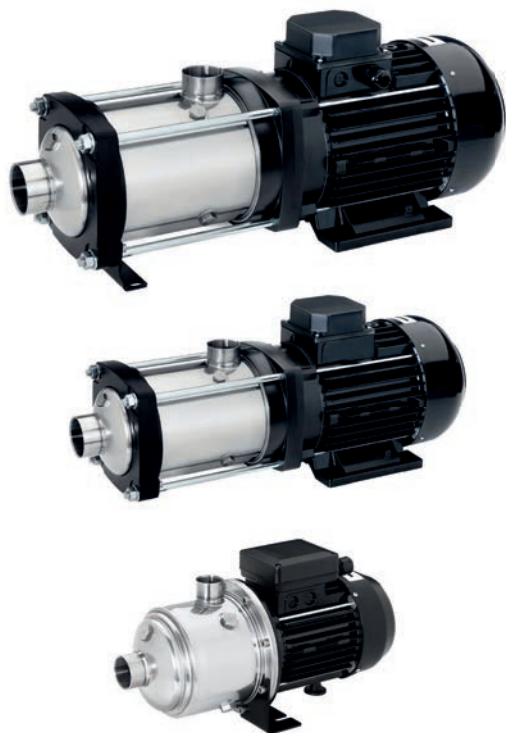
Lafert/AEG IE2 three-phase motor for powers < 0.75 kW not suitable for frequency inverter, except 1x230V input - 3x230V output

Lafert/AEG three-phase IE3 efficiency motor for powers ≥ 0.75 kW

IP55 motor, maximum ambient temperature 40°C, F-class insulation

Motor-pump coupling B14 up to 4 kW and B5 from 5.5 kW

2.7 HORIZONTAL PUMPS



CHECK MODELS

Other options available on request

EHsp self-priming version

N version with all components in contact with the liquid in AISI 316

Special materials for mechanical seals, gaskets and elastomers

60 Hz Version

FPS Brand

FEATURES

Casing, impellers, and diffusers in AISI 304: version I

Maximum flow rate 29 m³/h at 50 Hz, 8 m³/h for EHsp

Maximum working pressure 10 Bar

Liquid temperature between -15 °C and +110 °C (Industrial use), for EHsp between 0 °C and 35 °C

Maximum ambient temperature 40 °C

PPS Floating rings

Standard mechanical seal:

- EH 3-9, EHsp 3-5: Type E0 (Ceramic/Graphite/EPDM)
- Other types available
- EH 15-20: Type E1 (Graphite/Silicon Carbide/EPDM)

Single-phase motors 230V 50 Hz

Three-phase IE3 efficiency motors Δ230 V / Y400 V 50 Hz

TEFC (Totally Enclosed Fan Cooled) motors, 2 poles, 50Hz, IP55, and F-class insulation

3

DOSING PUMPS

3.1 DOSING PUMPS



- 3610301030367** DOSING PUMP FCO 220 V 3 L 7 BAR(N)
- 3610301030351** DOSING PUMP FCO 24 V 50 HZ 3 L 7 BAR (N)
- 3610301041085** DOSING PUMP FCO 220 V 3 L 7 BAR CORROSIVE PRODUCT*
- 3610301036867** DOSING PUMP FCO 24 V 50 HZ 3 L 7 BAR CORROSIVE PRODUCT
- 3610301031001** DOSING PUMP FCO 220 V 5 L 5 BAR
- 3610301036234** DOSING PUMP FCO 24 V 50 HZ 5 L 5 BAR



3610101100017

DOSING PUMP 220 V 7 L 3 BAR (ECO)*



3610301034972

DOSING PUMP FCE 24V 50 HZ 7 L 3 BAR (ECO)*



3610301031209

DOSING PUMP VMS 6 L 7 BAR 220 V VOLUMETRIC



- 2700101** INJECTION VALVE Ø6/4 WITH NON-RETURN VALVE
- 2700303** INJECTION VALVE Ø8/6 WITH NON-RETURN VALVE
- 200402068** EPDM INJECTOR FOR PNEUMATIC PUMP(4X6)
- 200402069** EPDM INJECTOR FOR PNEUMATIC PUMP(6X8)



2700992

INJECTION VALVE 1/2" - 1/4" 4X6 NEUTRAL PRODUCTS



2700993

INJECTION VALVE 1/2" - 1/4" 4X6 AGGRESSIVE CHEMICALS. EPDM



3610001010074

ASPIRATION VALVE 3/8" FOR FCO (CORROSIVE PRODUCT ALKALINE)



3610001010076

ASPIRATION VALVE 3/8" FOR FCO (CORROSIVE PRODUCT)



- 2700091** ASPIRATION VALVE Ø6/4
- 2700202** ASPIRATION VALVE Ø8/6

DOSING PUMPS

36104010100



VOLUMETRIC METER DCI-15 1/2"
COLD WATER 1 IMPULSE / 1 L

25ME52106040



RIGID TUBE Ø6X4 MM FOR FCO PUMP
(PER METER)

25ME51406040



FLEXIBLE TUBE Ø6X4 MM FOR FCO
PUMP (PER METER)

2702511



NON-RETURN VALVE HEAD 3/8" M -
4X6 VITON

2702512



NON-RETURN VALVE HEAD 3/8" M -
4X6 AGGRESSIVE CHEMICALS. EPDM

3.2 PNEUMATIC PUMPS VITON SEALS



200401040 PNEUMATIC PUMP VITON 3 L/H 6 BAR WITHOUT COIL

200401041 PNEUMATIC PUMP VITON 3 L/H 6 BAR 24V AC

200401042 PNEUMATIC PUMP VITON 3 L/H 6 BAR 24V DC

200401043 PNEUMATIC PUMP VITON 3 L/H 6 BAR 220V

200401044 PNEUMATIC PUMP VITON 6 L/H 6 BAR 24V AC

200401046 PNEUMATIC PUMP VITON 12 L/H 6 BAR 24V DC

200401047 PNEUMATIC PUMP VITON 12 L/H 6 BAR WITHOUT COIL

200401048 PNEUMATIC PUMP VITON 6 L/H 6 BAR WITHOUT COIL

200401049 PNEUMATIC PUMP VITON 6 L/H 6 BAR 24V DC



200402041 VITON SUCTION VALVE

200402042 VITON INJECTION VALVE

3.3 PNEUMATIC PUMPS EPDM SEALS



200401239	PNEUMATIC PUMP EPDM 1,5 L/H 6 BAR WITHOUT COIL
200401240	PNEUMATIC PUMP EPDM 3 L/H 6 BAR WITHOUT COIL
200401242	PNEUMATIC PUMP EPDM 3 L/H 6 BAR 24V DC
200401248	PNEUMATIC PUMP EPDM 6 L/H 6 BAR WITHOUT COIL
200401249	PNEUMATIC PUMP EPDM 6 L/H 6 BAR 24V DC
200401244	PNEUMATIC PUMP EPDM 6 L/H 6 BAR 24V AC
200401246	PNEUMATIC PUMP EPDM 12 L/H 6 BAR 24V DC



200402047	EPDM SUCTION VALVE
200402048	EPDM INJECTION VALVE



200402043

PNEUMATIC PUMP AIR CONNECTOR



200402040

MEMBRANE FOR PNEUMATIC PUMPS
(VITON OR EPDM)



4

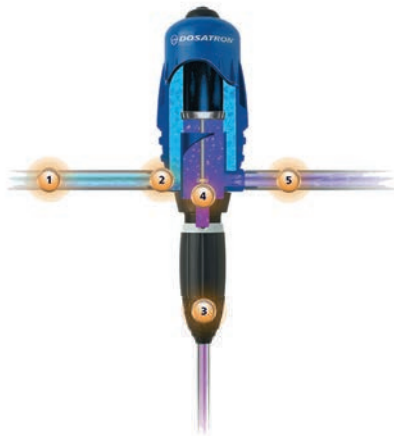
DOSE SYSTEMS



53D3RE2	DOSATRON D3RE2 0,2% TO 2%
53D3RE5	DOSATRON D3RE5 1% TO 5%
535D25RE10	DOSATRON D3RE10 3% TO 10%



200406001
 PROMAX DILUTOR (DILUTES CONCENTRATED DRUM CHEMICALS INTO BOTTLES VIA VENTURI) 14L/MIN



The Dosatron dispensers are powered by the water flow. Placed at the beginning of a water inlet, it harnesses the flow and pressure of the network water inlet to dose the chemical.

With the water inlet, the hydraulic motor is activated and begins to move the body of the injector up and down. During the upward movement, the Dosatron sucks in the product. On the downward movement, the chemical is displaced into the mixing chamber.

Finally, the mixture of the chemical and water is discharged into the pipeline.

5

PRESSURE WASHER



6327754 SUPREME AR 90 PRESSURE WASHER

The Supreme 90 pressure washer is highly flexible and gasoline-powered, eliminating the need for electrical power supply.

It is the ideal solution for cleaning in the agricultural and construction sectors where high performance and extreme maneuverability are required.

It provides long-lasting durability and extremely easy maintenance.

PRESSURE	280 Bar
POWER	8.1 Kw
FLOW	960 L/H
TEMPERATURE	40 °C
WEIGHT	64 Kg
HEIGHT	900 mm
WIDTH	800 mm
LENGTH	550 mm

6314736 MODENA 930 AR SIMPLE PHASE PRESSURE WASHER

6314739 MODENA 970 AR TRIPHASIC PRESSURE WASHER

The new cold-water pressure washer has compact dimensions and offers extreme maneuverability, making it robust and easy to handle at the same time.

It is a range of pressure washers equipped with accessories and a handle designed to facilitate its movement, ideal for continuous and complex uses.



MODEL	MODENA 930	MODENA 970
VOLTAGE	230 V Simple phase	400 V Triphasic
PRESSURE	150 Bar	200 Bar
POWER	3 kW	7,4 kW
CAPACITY	630 L/h	900 L/h
WEIGHT	43,6 Kg	52,2 Kg
HEIGHT		950 mm
WIDTH		470 mm
LENGTH		630 mm



6

MOTORS

6.1 MOTORS



33000005	MOTOR 2,2 KW 3 CV 1500 RPM B3 B14 SINGLE PHASE
33000010	MOTOR 2,2 KW 3 CV 1000 RPM B3 B14 THREE-PHASE
33000001	MOTOR 2,2 KW 3 CV 1500 RPM B3 B14 THREE-PHASE
33000002	MOTOR 3 KW 4 CV 1500 RPM B3 B14 THREE-PHASE
33000003	MOTOR 4 KW 5,5 CV 1500 RPM B3 B14 THREE-PHASE
33000004	MOTOR 5,5 KW 7,5 CV 1500 RPM B3 B14 THREE-PHASE 112
33000013	MOTOR 7,5 KW 10 CV 1500 RPM B3 B14 THREE-PHASE 132

6.2 HOLLOW SHAFT MOTORS



191099410	HOLLOW SHAFT MOTOR 2,2 KW IEC100 3 CV SHAFT 24 SINGLE-PHASE
191099400	HOLLOW SHAFT MOTOR 3 KW IEC100 4 CV SHAFT 24 SINGLE-PHASE
191099406	HOLLOW SHAFT MOTOR 2,2 KW IEC100 3 CV SHAFT 24 THREE-PHASE
191099399	HOLLOW SHAFT MOTOR 3 KW IEC100 4 CV SHAFT 24 THREE-PHASE
191099398	HOLLOW SHAFT MOTOR 4 KW IEC100 5,5 CV SHAFT 24 THREE-PHASE
191099448	HOLLOW SHAFT MOTOR 5,5 KW IEC112 7,5 CV SHAFT 24 THREE-PHASE
191099401	HOLLOW SHAFT MOTOR 7,5 KW IEC122 10 CV SHAFT 24 THREE-PHASE

EXTERIOR MEASUREMENTS

TYPE	B3				AXIS								GENERAL							
	H	A	B	C	D	E	F	G	K	SS	XX	ZZ	AA	AD	HD	AC	L	TBS	TBW	TBH
TA 56	56	90	71	36	φ9	20	3	7.2	6×9	M4	10	14	112	151	95	φ110	195	16.5	83	83
TA 63	63	100	80	40	φ11	23	4	8.5	7×10	M4	10	14	124	172	109	φ122	217	10	98	98
TA 71	71	112	90	45	φ14	30	5	11	7×10	M5	12	17	140	189	118	φ138	245	16	98	98
TA 80	80	125	100	50	φ19	40	6	15.5	10×15	M6	16	21	160	214	134	φ157	227/304*	26.5	109	109
TA 90S	90	140	100	56	φ24	50	8	20	10×15	M8	19	25	176	235	145	φ177	315/340*	28.5	109	109
TA 90L	90	140	125	56	φ24	50	8	20	10×15	M8	19	25	176	235	145	φ177	340/365*	28.5	109	109
TA 100	100	160	140	63	φ28	60	8	24	12×16	M10	22	30	200	260	160	φ199	376/411*	32	118	118
TA 112	112	190	140	70	φ28	60	8	24	12×16	M10	22	30	224	283	171	φ220	398	33	118	118
TA 132S/M	132	216	140/178	89	φ38	80	10	33	12×16	M12	28	37	260	323	191	φ261	460/498	36.5	118	118
TA 160M/L	160	254	210/254	108	φ42	110	12	37	15×21	M16	36	45	314	391	231	φ314	616/660	64	148	148

CONSTRUCTION FORMS

TYPE	KK	B5						B14						B5R						B14B					
		N	M	P	S	T	R	N	M	P	S	T	R	N	M	P	S	T	R	N	M	P	S	T	
TA 56	1-M16 x 1.5	φ80	φ100	φ120	φ7	3	0	φ50	φ65	φ80	M5	2.5	0												
TA 63	1-M16 x 1.5	φ95	φ115	φ140	φ10	3	0	φ60	φ75	φ90	M5	2.5	0												
TA 71	1-M20 x 1.5	φ110	φ130	φ160	φ10	3.5	0	φ70	φ85	φ105	M6	2.5	0	φ95	φ115	φ140	3	φ10	0	φ95	φ115	φ140	3	M8	
TA 80	1-M20 x 1.5	φ130	φ165	φ200	φ12	3.5	0	φ80	φ100	φ120	M6	3	0	φ110	φ130	φ160	3.5	φ10	0	φ110	φ130	φ160	3.5	M8	
TA 90S/L	1-M20 x 1.5	φ130	φ165	φ200	φ12	3.5	0	φ95	φ115	φ140	M8	3	0	φ110	φ130	φ160	3.5	φ10	0	φ110	φ130	φ160	3.5	M8	
TA 100	2-M20 x 1.5	φ180	φ215	φ250	φ15	4	0	φ110	φ130	φ160	M8	3.5	0	φ130	φ165	φ200	3.5	φ12	0	φ130	φ165	φ200	3.5	M10 0	
TA 112	2-M25 x 1.5	φ180	φ215	φ250	φ15	4	0	φ110	φ130	φ160	M8	3.5	0	φ130	φ165	φ200	3.5	φ12	0	φ130	φ165	φ200	3.5	M10 0	
TA 132S/M	2-M25 x 1.5	φ230	φ265	φ300	φ15	4	0	φ130	φ165	φ200	M10	3.5	0	φ180	φ215	φ250	4	φ15	0	φ180	φ215	φ250	4	M12 0	
TA 160M/L	2-M32 x 1.5	φ250	φ300	φ350	φ19	5	0	φ180	φ215	φ250	M12	4	0												

* Reduced Frame Motors



7

PRESSURE REGULATORS AND VALVES

PRESSURE REGULATING VALVES

We can differentiate between pressure regulating valves and pressure relief valves.

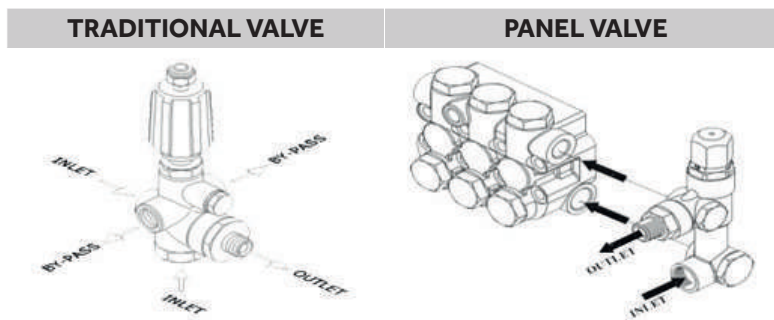
The main characteristic of pressure regulating valves is to maintain a constant pressure by releasing excess pressure.

They are suitable for systems where there is a continuous flow of output while the pump is working.

In other systems where there is no continuous flow output, it will be necessary to use pressure relief valves. These valves, in addition to working similarly to pressure regulating valves, have a relief device that directs the flow through a bypass pipe when the nozzle outlet is closed.

HOW TO CHOOSE A VALVE?

The first thing to consider when choosing one valve over another is the type of application. Another important factor, as shown in the assembly diagram, is the connection of the valves, and finally, the pressure and flow.



TYPES OF PRESSURE REGULATORS

Pressure relief valve with pressure switch	They incorporate an electromechanical pressure switch. When the gun is closed, the flow is redirected to the low-pressure bypass pipe
Zeroing pressure regulator valve	Valves that reduce the pressure between the valve and the gun (closed) to 30% of the working pressure
Safety Valve	Incorporates a safety function that ensures safe actuation during flow discharge

INSTALLATION

It is important to install the valve with the fittings and pipes that match the required pressure and flow. Otherwise, it could cause flow obstructions and blockages.

REGULATION

By turning the regulator, we adjust the pressure, always with the low-pressure system and the gun open.

PRESSURE REGULATORS AND VALVES

PROBLEMS AND SOLUTIONS

PROBLEMS	POSSIBLE CAUSES	SOLUTIONS
Blockage of the high-pressure valve	<ol style="list-style-type: none"> 1. Stuck Piston 2. Circuit leakage 	<ol style="list-style-type: none"> 1. Clean the piston carefully. Replace the piston. 2. System maintenance
Blockage of the low-pressure valve	<ol style="list-style-type: none"> 1. Worn piston 2. Incorrect pipe assembly 3. Insufficient flow 	<ol style="list-style-type: none"> 1. Replace the piston 2. Refer to pump instructions 3. System performance check
Pressure surges in the closure	Wrong Regulation	Adjust according to pump instructions
Intermittent operation	<ol style="list-style-type: none"> 1. Regulation below minimum pressure 2. Downstream circuit leakage 	<ol style="list-style-type: none"> 1. Adjust according to pump instructions 2. System maintenance
Water Heating	<ol style="list-style-type: none"> 1. Constriction in the circuit 2. Very high flow 	<ol style="list-style-type: none"> 1. Assemble correctly 2. Monitor performance
Not reaching maximum pressure	<ol style="list-style-type: none"> 1. Seal wear 2. Worn nozzle 3. Insufficient flow 	<ol style="list-style-type: none"> 1. Replace 2. Replace 3. Monitor performance

60.0007.60



PULSAR 4RV PRESSURE REGULATOR WITH HANDLE 40 L

60.0000.60



PULSAR 4RV PRESSURE REGULATOR WITH HANDLE 40 L

60.0016.60



PULSAR 4RV PRESSURE REGULATOR WITH PRESSURE GAUGE OUTLET 40 L

60.0023.60



PULSAR 4RV PRESSURE REGULATOR WITH MICROSWITCH 40 L

310215010560



REGULATOR VRT3 25 MPA + MICRO 40 L

310215010370



VRT3 REGULATOR WITH PRESSURE GAUGE OUTLET

3140720000107



NICKEL-PLATED VRT3 REGULATOR 250 BAR G3/8F 40 L

241050112



STAINLESS STEEL 3/8" REGULATOR 250 BAR 40 L

60.0423.60



VB85/280 REGULATOR G1/2H". 80 L

31407200034



VALVE VRT100 280 BAR 1/2 80 L

314072000110



VALVE VRT100 280 BAR 1/2 WITH MICRO 80 L

60.2250.00



VB9 VALVE 30 L

60.2350.00



VB9 VALVE WITH MICRO 30 L

60.0930.00



VB75 VALVE INTERPUMP

60.1372.10



VB56 VALVE HAWK (NMT-NHD)

60.5000.15



VB200/150 VALVE G1" H 200 L

60.0430.00



VB80/150 VALVE INOX 303 G 1/2 H 80 L

60.2400.00



PULSAR ZERO REGULATOR 3/8

60.2450.00



PULSAR ZERO REGULATOR 3/8 WITH MICRO

60.0540.00



SECURITY VALVE VS 170 1 INLET

60.0525.00



SECURITY VALVE VS 220 2 INLETS

60.0630.70



THERMAL PROTECTION VALVE 1/2"

8

WATER TREATMENT

8.1 FILTERS



2700008	COTTON FILTER 9 3/4" 1 MICRON"
2700009	COTTON FILTER 9 3/4" 5 MICRON"
2700010	COTTON FILTER 9 3/4" 10 MICRONS"
2700011	COTTON FILTER 9 3/4" 20 MICRONS"
2700012	COTTON FILTER 9 3/4" 50 MICRONS"



2700013	COTTON FILTER 20" 5 MICRON"
2700014	COTTON FILTER 20" 50 MICRONS"
2700015	COTTON FILTER 20" 1 MICRON"
2700016	COTTON FILTER 20" 10 MICRONS"
2700017	COTTON FILTER 20" 20 MICRONS"

2700086



ACTIVATED CARBON CARTRIDGE 9 3/4"

2700087



ACTIVATED CARBON CARTRIDGE 20

2700020



9-INCH 3/4" TRANSPARENT BIG FILTER HOUSING

2700019



20-INCH TRANSPARENT BIG FILTER HOUSING

2700103



10-INCH BIG FILTER HOUSING

2700104



20-INCH BIG FILTER HOUSING

2700131



FILTER CARTRIDGE 20BB. 1 MICRON

2700132



FILTER CARTRIDGE 20BB. 5 MICRON

WATER TREATMENT

8.2 WATER SOFTENERS



COMPLETE 150 L SALT TANK (54X80)



COMPLETE 200 L SALT TANK (54X100)



SALT TANK FLOAT



- 440000008** WATER SOFTENER TWIN 2X30 L FLECK VALVE 9100 SXT ELECTRONIC
- 440000009** WATER SOFTENER TWIN 2X40 L FLECK VALVE 9100 SXT ELECTRONIC
- 440000010** WATER SOFTENER TWIN 2X60 L FLECK VALVE 9100 SXT ELECTRONIC
- 440000011** WATER SOFTENER TWIN 2X75 L FLECK VALVE 9100 SXT ELECTRONIC
- 440000012** WATER SOFTENER TWIN 2X100 L FLECK VALVE 9100 SXT ELECTRONIC



- 440000013** WATER SOFTENER TWIN 2X30 L CLACK VALVE
- 440000014** WATER SOFTENER TWIN 2X40 L CLACK VALVE
- 440000015** WATER SOFTENER TWIN 2X60 L CLACK VALVE
- 440000001** WATER SOFTENER TWIN 2X75 L CLACK VALVE
- 440000016** WATER SOFTENER TWIN 2X100 L CLACK VALVE



- 440000017** WATER SOFTENER BI BLOC 30 L CLACK VALVE
- 440000007** WATER SOFTENER BI BLOC 40 L CLACK VALVE
- 440000018** WATER SOFTENER BI BLOC 60 L CLACK VALVE
- 440000019** WATER SOFTENER BI BLOC 75 L CLACK VALVE
- 440000005** WATER SOFTENER BI BLOC 100 L CLACK VALVE
- 440000020** WATER SOFTENER BI BLOC 125 L CLACK VALVE



- 440000002** DECHLORINATOR 30 L CLACK VALVE 1"
- 440000021** DECHLORINATOR 50 L CLACK VALVE 1"
- 440000022** DECHLORINATOR 75 L CLACK VALVE 1"
- 440000006** DECHLORINATOR 100 L CLACK VALVE 1"



- 440000025** WATER SOFTENER RESIN TANK 45 L (10"X54")
- 440000028** WATER SOFTENER RESIN TANK 60 L (12"X48")
- 440000026** WATER SOFTENER RESIN TANK 75 L (13"X54")
- 440000027** WATER SOFTENER RESIN TANK 100 L (14"X65")



440000033

FLECK ELECTRONIC VALVE 9100 SXT
(NORYL BODY)



440000034

FLECK ELECTRONIC VALVE 9000 SXT
(BRASS BODY)



440000035

CLACK TWIN VALVE
(UP TO 10" BOTTLE)



440000036

CLACK TWIN VALVE
(BOTTLES BIGGER THAN 10") (100 L)

8.3 VARIOUS WATER TREATMENT



200213001

AQUATEST CONTROL TH



44650020

ACTIVATED CARBON
(25 Kg.)



440901016142

SILEX
(25 Kg.)



2700021

SOFTENER RESIN. 25 L/BAG



55309033

ANTISCALANT FOR MEMBRANES
(25 L)



2700110

BOTTOM STRAINER

WATER TREATMENT

2700111



UPPER STRAINER

8.4 FLOATS

29.0150.00



PLASTIC FLOAT 3/4"

29.0160.00



BRASS FLOAT 3/8" SHORT ROD

29.0280.00



BRASS FLOAT 1/2" LONG ROD

2700073



SWISS MODEL FLOAT BALL

8.5 REVERSE OSMOSIS

2700005



LOW PRESSURE 4040 ULP MEMBRANE.
6-10 BAR

2700076



HIGH PRESSURE 4040 BW MEMBRANE.
10-16 BAR

2792540



LOW PRESSURE 2540 ULP MEMBRANE.
6-10 BAR

2700054



POLYESTER 4040 MEMBRANE
HOUSING. WHITE

2700053



SEAMLESS STAINLESS-STEEL 4040
MEMBRANE HOUSING. 200 L. MECATIC

22PSMR1533



STAINLESS FLOWMETER 1000 L/H
STEEL FLOAT



2700175

FLOWMETER 100-1000/H. PLASTIC FLOAT



2700176

FLOWMETER 100-1000/H. WITH REGULATOR



2700177

FLOWMETER 100-1000/H.



340000001

STAINLESS STEEL ROTARY PUMP 400 L/H 3/8 WITH BYPASS



340000002

STAINLESS STEEL ROTARY PUMP 1000 L/H 1/2 WITH BYPASS



340000003

BELL COUPLING + COUPLING IEC-71 FOR ROTARY PUMP 200-400



340000004

BELL COUPLING + COUPLING IEC-80 FOR ROTARY PUMP 600-800-1000



3610301015014

ECDIC SENSOR /02 K=0,2 (4 M)



3610301015986

OSINDING REGULATOR BOARD 220V



200208081

OSMOSIS CONTROL BOX + SENSOR 220V



2700057

PORTABLE CONDUCTIVITY METER TDS-3



2700055

STAINLESS STEEL NEEDLE VALVE F1/2" - F1/2"



200208096

CONDUCTIVITY READER WITH 12V SENSOR



2501010010

PRESSURE SWITCH 1 TO 10 BAR 1/4 M



2700083

PLUG + O-RING FOR STAINLESS STEEL 4040 - 200L MEMBRANES

2700183



PLUG + O-RING FOR POLYESTER 4040 - 200L MEMBRANES

2709092



REVERSE OSMOSIS UNIT 500 L/H. STAINLESS-STEEL FRAME

2709093



REVERSE OSMOSIS UNIT 1000 L/H. STAINLESS-STEEL FRAME



MOTORS FOR ROTARY PUMPS

33000006	MOTOR 0,37 KW 0,50 CV 1500 RPM B3 B14 SINGLE PHASE SENSOR PTF
33000007	MOTOR 0,25 KW 0,33 CV 1500 RPM B3 B14 THREE-PHASE (200-400)
33000012	MOTOR 0,75 KW 1 CV 1500 RPM B3 B14 SINGLE PHASE (600-800-1000)
33000011	MOTOR 0,56 KW 0,75CV 1500 RPM B3 B14 THREE-PHASE



444105109009166	AQUALINE RO ALFA 140 (MULTISTAGE PUMP)
444105111081017	AQUALINE RO ALFA 140 (ROTARY PUMP)
444105111081021	AQUALINE RO ALFA 340 (MULTISTAGE PUMP)
444105113010003	AQUALINE RO ALFA 240 (ROTARY PUMP)
444105113010005	AQUALINE RO ALFA 440 (MULTISTAGE PUMP)
444105113010006	AQUALINE RO ALFA 540 (MULTISTAGE PUMP)
444105113010007	AQUALINE RO ALFA 640 (MULTISTAGE PUMP)
444105113013478	AQUALINE RO ALFA 240 (MULTISTAGE PUMP)

HEIGHT	1590 mm
WIDTH	540 mm
LENGTH	750 mm

STANDARD FEATURES

Membrane vessels in FRP (Fiber Reinforced Plastic)

Spiral wound membranes, 4" diameter

Vane pump (Fluid or Tech model for ALFA 140/240)

Vertical centrifugal pump in stainless steel AISI 304

(Model Gfoss-ksb for 140/240/340/440/540/640)

Mounted on a stainless steel AISI 304 Chassis

5µ Cartridge Filters

Input solenoid valve

High-pressure accessories in stainless steel AISI 304

Low-pressure accessories in U-PVC PN 20

Seat valves for adjusting pump outlet and rejection

Minimum and maximum pressure switch

Flow meters for permeate and reject outlets

Flow meters for recirculation line (available for ALFA 340/440/540/640)

Glycerin pressure gauges

Conductivity meter for permeate outlet (0-2,000 µS/cm)

Auto-flushing system

On-off switch

Control panel with IP56 protection and failure alarm and position indicators: input valve, low pump pressure, high pump pressure, high pressure, flushing valve, full tank, dosing pump, low chemical product level, power input

Power supply: 220 V 50 Hz 1F (ALFA 140/240)

Power supply: 380 V 50 Hz 3FF

8.6 PRESSURE GAUGES

2700042



PRESSURE GAUGE 0-10 BAR RADIAL
MECATIC

2700044



PRESSURE GAUGE 0-25 BAR RADIAL
MECATIC

2700046



PRESSURE GAUGE 0-160 BAR RADIAL
MECATIC

2700048



PRESSURE GAUGE 0-250 BAR RADIAL
MECATIC

2700050



PRESSURE GAUGE 0-400 BAR RADIAL
MECATIC

2700043



PRESSURE GAUGE 0-10 BAR AXIAL
MECATIC

2700045



PRESSURE GAUGE 0-25 BAR AXIAL
MECATIC

2700047



PRESSURE GAUGE 0-160 BAR AXIAL
MECATIC

2700049



PRESSURE GAUGE 0-250 BAR AXIAL
MECATIC

2700051



PRESSURE GAUGE 0-400 BAR AXIAL
MECATIC



9

VACUUM CLEANERS



290000035	FIOTO TIGER VACUUM MODEL 1.75
290000036	FIOTO TIGER VACUUM MODEL 3.4
290000037	FIOTO TIGER VACUUM MODEL 2.2
290000038	FIOTO SINGLE-PHASE TIGER VACUUM MODEL 2.2

MODEL	1,75	3,4	2,2	2,2 SINGLE-PHASE
MATERIAL	INOX			
VOLTAGE	400/220V~ III+N+T			230V-I+N+T
POWER	1,75 Kw	3,3 Kw	2,2 Kw	
CURRENT	4,3A 50 Hz	7,2A 50 Hz	5,6A 50 Hz	14,9A 50 Hz
SUCTION	2800 mm H2O	3400 mm H2O	3200 mm H2O	
SOUND PRESSURE	68,3 Db (A)	70,8 Db (A)	70,5 Db (A)	
WEIGHT	145 Kg	169 Kg	155 Kg	170 Kg
HIGH				1640 mm
WIDTH				610 mm
LENGTH				475 mm

FEATURES

Made of stainless steel AISI 304 (1.4301), its reinforced door and interior chassis give it one of the best shields in its category

Equipped as standard with our customizable voice message system, which, combined with the presence detector (optional element), allows for pre-recorded communication with the user in the form of welcome messages, advertisements, instructions, indications, or warnings

Head and front in UVI additive PE, head designed to prevent users from placing personal belongings

A fully sealed steel vacuum chamber through continuous welding to withstand the strong depressions to which it is subjected without problems

Quick anchoring system for the suction hose that eliminates jams

Sturdy and robust hinges that withstand the most adverse conditions

Maintenance-free three-phase / single-phase turbines

Coin drawer with lock

Optional blowing kit. Vacuum cleaner ready to connect to a compressed air supply

Float protection system for turbine flood protection

Door open alarm system ready to connect to the central alarm

Sleeve shaker to keep the filters clean in a hygienic, quick, and convenient way

Sealed steel dustbin that withstands shocks without losing tightness

*** AVAILABLE IN OVER 60 COLOUR COMBINATIONS**

VACUUM CLEANERS



AD PRODUZIONE VACUUM CLEANER
COMPRESSED AIR KIT

37ECO230	ECO CLASSIC VACUUM 2.2 KW 230 V ELECTRIC COIN VALIDATOR
37ECO230M	ECO CLASSIC VACUUM 2.2KW 230 V MECHANICAL COIN VALIDATOR
37ECO400	ECO CLASSIC VACUUM 2.2 KW 400 V ELECTRIC COIN VALIDATOR
37ECO400M	ECO CLASSIC VACUUM 2.2 KW 400 V MECHANICAL COIN VALIDATOR

MODEL	ECO 400	ECO 230
COVER	Black	Black
VERSION	Simple	Simple
FILTER	Bag	Bag
VOLTAGE	400 V	230 V Single phase
POWER	2,2 Kw	1,2 Kw
CAPACITY	320 m ³ /h	420 m ³ /h
WEIGHT	83 Kg	57 Kg
HIGH	1360 mm	1360 mm
WIDTH	700 mm	700 mm
LENGTH	540 mm	540 mm

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**



AD PRODUZIONE VACUUM CLEANER COMPRESSED AIR KIT

- 37ECO230D** | ECO CLASSIC VACUUM DOUBLE 2.2 KW 230 V ELECTRIC COIN VALIDATOR
- 37ECO230DM** | ECO CLASSIC VACUUM DOUBLE 230V MECHANICAL COIN VALIDATOR
- 37ECO400D** | ECO CLASSIC VACUUM DOUBLE 2.2KW 400 V ELECTRIC COIN VALIDATOR
- 37ECO400DM** | ECO CLASSIC VACUUM DOUBLE 2.2KW 400 V MECHANICAL COIN VALIDATOR

MODEL	ECO 400-D	ECO 230-D
COVER	Black	Black
VERSION	Double	Double
FILTER	Bag	Bag
VOLTAGE	400 V	230 V Single phase
POWER	2,2 Kw x 2	1,2 Kw x 2
CAPACITY	320 m ³ /h	420 m ³ /h
WEIGHT	150 Kg	100 Kg
HIGH	1360 mm	1360 mm
WIDTH	1260 mm	1260 mm
LENGTH	540 mm	540 mm

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**

VACUUM CLEANERS

37E0089/B



AD PRODUZIONE VACUUM CLEANER
ELECTRONIC BOARD

15390584



ELECTRONIC BOARD FOR KASTER
VACUUM CLEANERS

490000002



VACUUM CPV 378P 230 V 3,5 KW
(PLASTIC TANK)

26IB2019



PULITO 6230 V VACUUM 3.5 KW 62 L
FOR LIQUIDS

6352512



WATER - DUST VACUUM 77 L 3300 W
(3 MOTORS) STAINLESS STEEL

6352510



WATER - DUST VACUUM 77 L 3300 W
(3 MOTORS) PLASTIC



VACUUM CLEANERS

9

10

**VACUUM
ACCESSORIES**



2742718

EXTRA-TOUGH VACUUM HOSE. Ø38
(30 m. ROLL) BLACK



2700081

EXTRA-TOUGH VACUUM HOSE. Ø38
(30 m. ROLL) BLACK AND RED



2700077

EXTRA-TOUGH VACUUM HOSE. Ø38
(30 m. ROLL) BLACK AND GREEN



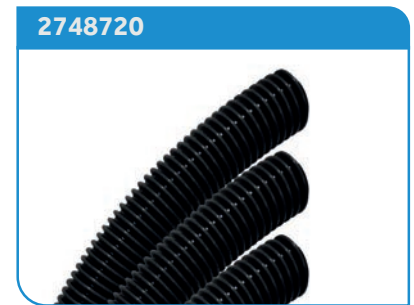
2700078

EXTRA-TOUGH VACUUM HOSE. Ø38
(30 m. ROLL) BLACK AND BLUE



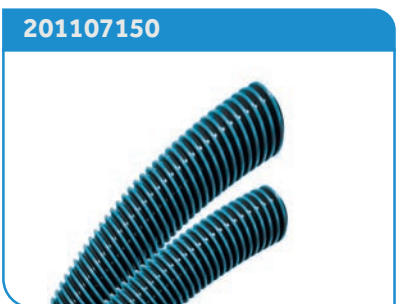
2702001

EXTRA-TOUGH VACUUM HOSE. Ø38
(30 m. ROLL) BLACK AND GREY



2748720

EXTRA-TOUGH VACUUM HOSE. Ø50
(30 m. ROLL) BLACK



201107150

CONICAL VACUUM HOSE
38-50 mm (5 METERS)



71VRFR06300000

INTERIOR HOSE TURBINE-TANK SIDE
Ø63 mm



2700025

VACUUM NOZZLE. LENGTH 245 mm.
Ø45mm. BLACK FOR Ø38 mm HOSES



2700150

VACUUM NOZZLE LENGTH 350 mm.
Ø45 mm BLACK WITH TIP REINFORCEMENT
FOR Ø38 mm HOSES



2700026

FLAT VACUUM NOZZLE. LENGTH 268 mm.
Ø58 mm. BLACK FOR Ø50 mm HOSES



2700027

FLAT VACUUM NOZZLE. LENGTH 364 mm.
Ø58 mm. BLACK FOR Ø50 mm HOSES



201108105

FLEXIBLE VACUUM NOZZLE + SWIVEL
CONNECTOR Ø50 mm



201108100

FLEXIBLE VACUUM NOZZLE + SWIVEL
CONNECTOR Ø38 mm



2700023

FIX VACUUM NOZZLE-HOSE
CONNECTOR. Ø38. BLACK

VACUUM ACCESSORIES

2700024



VACUUM NOZZLE. LENGTH 255 mm. Ø45 mm. BLACK FOR Ø38 mm HOSE WITH TIP REINFORCEMENT

2780027



FLAT VACUUM NOZZLE. LENGTH 364 mm. Ø58 mm. BLACK FOR Ø50 mm HOSES WITH ANTI-CLOG REINFORCEMENT

2700112



EXTRA-TOUGH VACUUM NOZZLE-HOSE CONNECTOR. Ø50 TO Ø44. FOR Ø38 mm VACUUM HOSES. BLACK

3000047



VACUUM HOSE CONNECTOR Ø38 mm

2700074



ROTATING VACUUM NOZZLE-HOSE CONNECTOR Ø50 TO Ø44 FOR Ø38 mm VACUUM HOSES. BLACK

2700030



ROTATING VACUUM NOZZLE-HOSE CONNECTOR. Ø63 TO Ø58. FOR Ø51 mm VACUUM HOSES. BLACK

2700022



FIX VACUUM TANK-HOSE CONNECTOR. Ø38 FOR Ø430 mm INLET TANKS. BLACK

302773



FITTING Ø50 mm TANK SIDE

303901



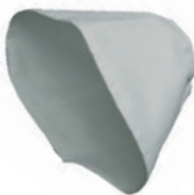
O-RING FOR MOTOR BB30-BB40

303240



COMPLETE CONICAL FILTER

3002845



CONICAL POLYESTER FILTER (FABRIC ONLY)

302833



FILTER VACUUM CLEANER TENSION GRID

300473



FILTER HOLDER RING SERIES 400

29000009



FOTO FILTER CARTRIDGE

2700058



UPHOLSTERY CLEANING NOZZLE



2700059
COMPLETE UPHOLSTERY CLEANING
NOZZLE FOR Ø38 mm HOSES



2799000
TANGENTIAL VACUUM MOTOR. 1200W.
220V. Ø144mm. H170mm



270006
BB40 VACUUM MOTOR. 1200W. 240V.
Ø144 mm H.170 mm. MECATIC



270007
BB30 VACUUM MOTOR. 1000W. 240V.
Ø144 mm H.165mm. MECATIC



270909
MOTOR BUFADOR 1100 W



2700028
CARBON FOR VACUUM MOTOR



3020624
3-STAGE TURBINE



2700062
VACUUM TURBINE. 2.2KW. MECATIC



2700089
VACUUM TURBINE. THREE-PHASE 3KW.
MECATIC



37MCAS024
COMPLETE VACUUM TANK



37MCAS025
VACUUM TANK COVER



301847
VACUUM CLEANER TANK CLOSURE



302653
CONNECTION FROM TANK TO Ø38 mm
OUTLET HOSE (FUNNEL)



302782
CONNECTION FROM TANK TO Ø50 mm
OUTLET HOSE (FUNNEL)



2701113
ROUND VACUUM BRUSH BLACK FOR
Ø38 mm HOSES

201108175



GREY SWIVEL CONNECTOR Ø50 mm
HOSE Ø38 mm SUCTION

1400003



STAINLESS STEEL COIN VACUUM BOX



VACUUM ACCESSORIES

10



11

COIN ACCEPTORS

400000001



COIN VALIDATOR RM5 F00

400000002



COIN VALIDATOR RM5 G00 (INVERTED)

2700041



FRONT PANEL FOR RM5 COIN VALIDATOR

400000018



PLACA INTERFACE RM5 24 V AC-DC

400000006



INTERFACE BOARD RM5 220 V

400000015



BIG 4-DIGIT RED DISPLAY

400000007



SMALL 4-DIGIT RED DISPLAY

400000008



SMALL 4-DIGIT RED DISPLAY PLEXIGLAS KIT

400000020



RED ACRYLIC KIT FOR DISPLAY

400000019



LONG ELECTROMECHANICAL COIN VALIDATOR 1€ 15,5 X 6

400000011



SHORT ELECTROMECHANICAL COIN VALIDATOR 1€ 11,5 X 5,5

37MC0080



AD PRODUZIONE MACHINE ELECTROMECHANICAL COIN VALIDATOR

15390616



ELECTROMECHANICAL COIN VALIDATOR FOR KASTER MACHINES

400000013



MECHANICAL COIN VALIDATOR 1€ WITH FRONTAL MINI WITH IL MICROSWITCH

400000012



MECHANICAL COIN VALIDATOR MODEL 700 1€ IL (FOTO VACUUM CLEANER)

COIN ACCEPTORS

400000010



MICROSWITCH FOR MECHANICAL COIN VALIDATOR

400000025



AZKOYEN FRONT BRACKET

400000009



LUMINOUS FRONT PANEL 12 V 2 W FOR RM5 MODEL G HORIZONTAL REJECT

640000001



JETONS FOR CAR WASH (CUSTOMIZED FROM 1000 UNITS)

2700035



COIN ACCEPTOR SPLASH GUARD. TRANSPARENT PLEXIGLASS WITH MAGNET. LARGE

2700036



COIN ACCEPTOR SPLASH GUARD. TRANSPARENT PLEXIGLASS. SHORT

290000004



FIOTO SR7 SELECTOR

290000013



FIOTO TRIMER PLATE

290000003



FIOTO SR5 ADAPTER KIT

290000002



FIOTO TUBULAR LOCK

2707074



TOUCH PUSH BUTTON ALUMINIUM Ø28 mm 24V

2707077



TOUCH PUSH BUTTON ALUMINIUM WITH RED LED Ø28 mm 24V

2707016



TOUCH PUSH BUTTON ALUMINIUM Ø18 mm 24V

2707017



TOUCH PUSH BUTTON ALUMINIUM RED Ø18 mm 24V

2707075



TOUCH PUSH BUTTON ALUMINIUM RED Ø28 mm 24V

2770703



RGB TOUCH BUTTON ALUMINIUM
Ø25 mm 24V. DC.

2770092



RGB TOUCH BUTTON
STAINLESS-STEEL Ø28 mm.
24V. DC.

2770091



SWITCH WITH BLUE LED
STAINLESS-STEEL Ø25 mm. IP67 24V.
24V. DC.

290000001



FIOTO RED LED SET

Anodized aluminum d28

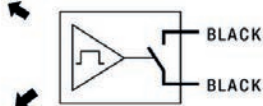


Protection
IP68

Ref 2707075
Tactile pushbutton red 24VDC



Protection
IP68

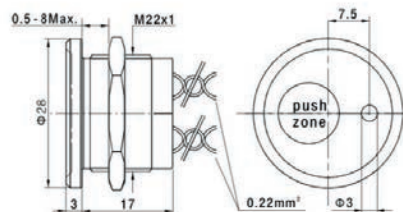
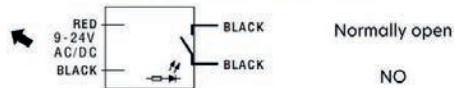


Ref 2707074
Tactile pushbutton 24VDC



Protection
IP68

Ref 2707077
Tactile pushbutton led red 24VDC



Consumption 3mA
Temperatura max -40 +75°C

Touch push button d28 Stainless steel 303 led RGB 24VDC

10mA
Temperature max -40 +75°C
vibration resistance 10-100Hz /10g



Ref 2770092

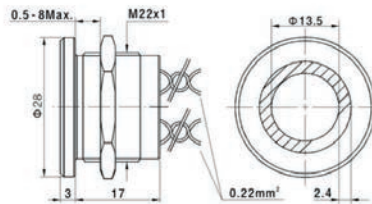
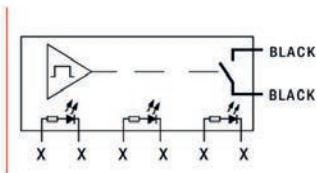
**Protection
IP68**



Common cathode

Normally open
NO

Model 1
Stainless steel 303



Touch push button Aluminium d25 led RGB 24VDC

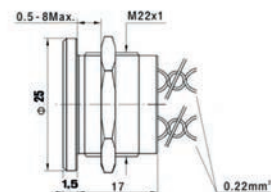
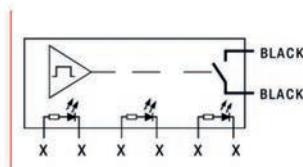
10mA
Temperature max -40 +75°C
vibration resistance 10-100Hz /10g



**Protection
IP68**



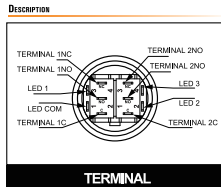
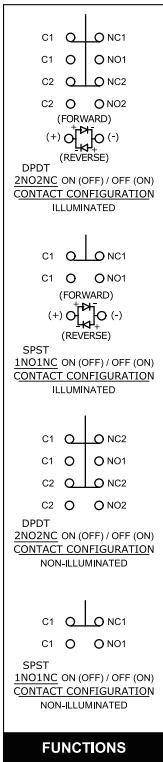
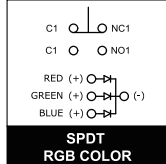
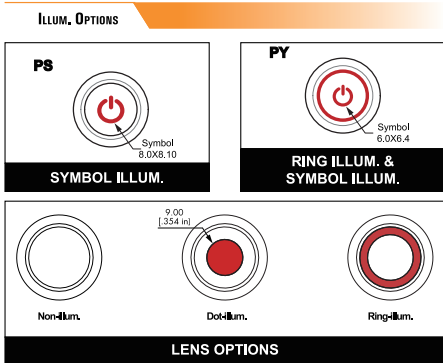
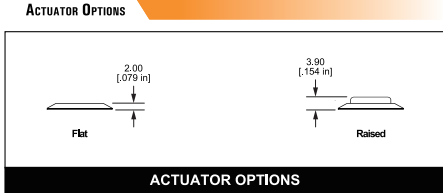
Common cathode Normally open
NO



REF 2770091 SWITCH WITH BLUE LED STAINLESS-STEEL



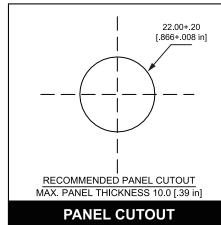
Anti vandal switch
Ø22mm



Description

C = Common
NO = Normally open
NC = Normally closed

Terminals (-) and (+) used with illum. option only



Order Code

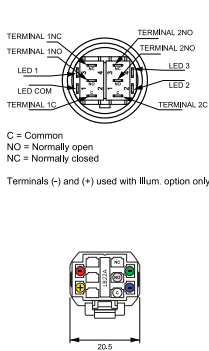
Series	Actuator Options	Terminal Options	Function Options	Material Options	Illumination Style Options	LED Color Options	Illumination Voltage Options	Graphic Options
L22T	C Flat No Illum	NO/NC/COM NO/NO/COM NO/NC/COM NO/NC/COM NO/NC/COM	NO/NO/NO NO/NO/NO NO/NO/NO NO/NO/NO NO/NO/NO	C Stainless steel No stainless element	On/Off On/Off On/Off On/Off On/Off	Red Green Blue White Yellow	12V 24V 30V 110V 220V	None None None None None

NOTES
* Does not include LED.
1.2W @ 120V AC Red and Yellow LED colors
2.2W @ 24V AC Blue, Green and White LED colors

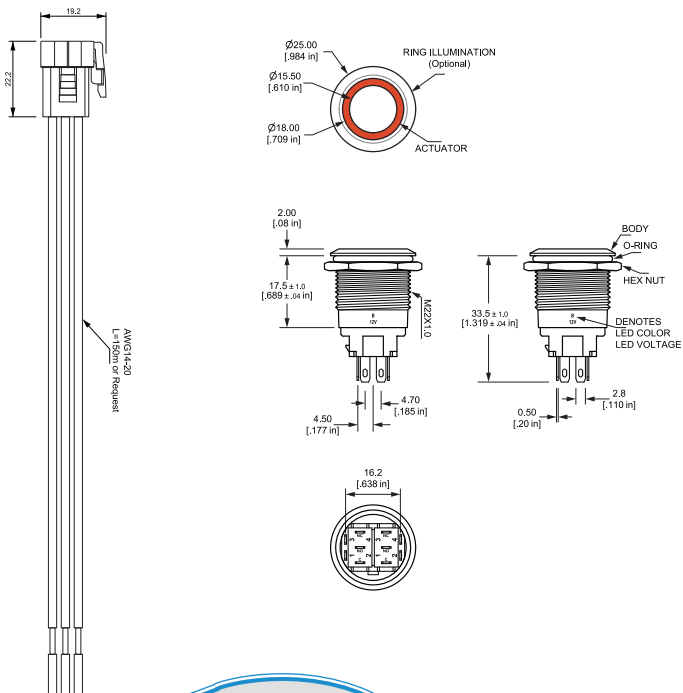
Technical Data

Type	L22T-F/L22T-H
Illuminated Type	Non-Illuminated/ Ring Illuminated/ Dot Illuminated
Terminal	Slider Lug (1.8X0.4)
Max. Switch Rating	1th: 3A U; 250VAC
Contact Resistance	≤50mΩ
Insulation Resistance	≥1000mΩ
Dielectric Strength	2000VAC
Operation Temp.	-20°C ~ +55°C
Mechanical Life	2,000,000 Cycles
Electrical Life	100,000 Cycles
Contact Material	Silver Alloy
Torque	5 ~ 14Nm
Operation Pressure	approx. 3 ~ 5N
Protection	IP65/ IP69
Material	Stainless steel/ Anodized aluminum
Body	Stainless steel/ Anodized aluminum
Base	PBT
LED	3.3V 6W 12W 24W 36W 110V/ 220V
Color	Red Green Blue White Yellow
	Approx. 40,000 hours

Plug



DIMENSIONS



12

SOLENOID VALVES



SOLENOID VALVE 0287 V A13 24 V AC 50 HZ



BURKERT MEMBRANE FOR SOLENOID VALVE 0287 1/2"



BURKERT COIL FOR SOLENOID VALVE 24V AC 5W 0287 (17463N)



SOLENOID VALVE CORE 0287



SOLENOID VALVE CORE SPRING 0287



ANTIRETURN SPRING 0287



CONICAL SPRING FROM SOLENOID VALVE 0287



3 BURKERT SOLENOID VALVES SET 0287 1/2 24V AC



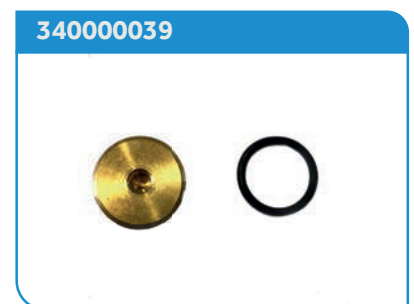
SET 2 BURKERT SOLENOID VALVES 0287 1/2 24V AC



LATERAL OUTPUT 3/4 B FOR BURKERT SOLENOID VALVE 0287



CHECK VALVE WITH O-RING FOR SOLENOID VALVE 0287 1/2"



BLIND COVER (MANIFOLD) SOLENOID VALVE 0287 1/2"



GASKET FLAT UNION SOLENOID VALVE 0287 1/2"



KIT 2 UNITS BRACKET SOLENOID VALVE 0287 1/2"



KIT 2 UNITS THREADED ROD SOLENOID VALVE 0287 1/2"

SOLENOID VALVES

2720808



INTERMEDIATE BODY SOLENOID VALVE 0287 1/2"

340000044



INLET BODY 1/2" SOLENOID VALVE 0287

340000045



O-RING INLET BODY 1/2" SOLENOID VALVE 0287

340000016



NORYL BASE FOR SOLENOID VALVE 0287 1/2 DN-13"

2701220



220V COIL FOR MECATIC SOLENOID VALVES 1/2, 3/4, 1" WITH LED CONNECTOR

2709122



24V AC COIL FOR MECATIC SOLENOID VALVES 1/2, 3/4, 1" WITH LED CONNECTOR

2781291



24V DC COIL FOR MECATIC SOLENOID VALVES 1/2" WITH LED CONNECTOR

2700061



REPAIR KIT FOR BURKERT SOLENOID VALVE 0287 1/2"

2720802



SOLENOID VALVE 1/2" 0.3 - 16 BAR 24V. DC WITHOUT EXTERNAL BODY (COMPATIBLE WITH BURKERT 0287)

2720803



SOLENOID VALVE 1/2" 0.3 - 16BAR 24V. AC WITHOUT EXTERNAL BODY (COMPATIBLE WITH BURKERT 0287)

2702110



HIGH PRESSURE STAINLESS-STEEL SOLENOID VALVE. 0 - 120 BAR. EPDM. 1/2"NC. 24V AC. MECATIC

2700092



STAINLESS-STEEL SOLENOID VALVE. EPDM. 1/4"NC. 24V AC. MECATIC 0-16 BAR

2700093



STAINLESS-STEEL SOLENOID VALVE. EPDM. 1/4"NC. 24V DC. MECATIC 0-16 BAR

17D263DRB1



HIGH PRESSURE 2/2 NC SOLENOID VALVE 200 BAR 24 V AC 1/4"

17D636DTT1



HIGH PRESSURE 2/2 NC SOLENOID VALVE 140 BAR 24 V AC 1/2"



- 2700094** STAINLESS-STEEL SOLENOID VALVE. EPDM. 1/2"NC. 24V AC. MECATIC 0,3-16BAR
- 2700095** STAINLESS-STEEL SOLENOID VALVE. EPDM. 1/2"NC. 24V DC. MECATIC 0,3-16BAR
- 2780094** STAINLESS-STEEL SOLENOID VALVE. EPDM. 1/2"NC. 220V. MECATIC 0,3-16BAR
- 2700941** STAINLESS-STEEL SOLENOID VALVE. EPDM. 3/4"NC. 24V AC. MECATIC 0,3-16BAR
- 2700942** STAINLESS-STEEL SOLENOID VALVE. EPDM. 3/4"NC. 24V DC. MECATIC 0,3-16BAR
- 2701041** STAINLESS-STEEL SOLENOID VALVE. EPDM. 1"NC. 24V AC. MECATIC 0,3-16BAR
- 2701042** STAINLESS-STEEL SOLENOID VALVE. EPDM. 1"NC. 24V DC. MECATIC 0,3-16BAR
- 2701049** STAINLESS-STEEL SOLENOID VALVE. EPDM. 1"NC. 220V. MECATIC 0,3-16BAR



- 270100** BRASS SOLENOID VALVE 1/2"NC. EPDM. 24V. AC. MECATIC 0,3-16BAR
- 270101** BRASS SOLENOID VALVE 1/2"NC. EPDM. 24V. DC. MECATIC 0,3-16BAR
- 270102** BRASS SOLENOID VALVE 1/2"NC. EPDM. 220V. MECATIC 0,3-16BAR
- 2701043** BRASS SOLENOID VALVE 1"NC. EPDM. 24V. AC. MECATIC 0,3-16BAR
- 2701044** BRASS SOLENOID VALVE 1"NC. EPDM. 24V. DC. MECATIC 0,3-16BAR
- 2701045** BRASS SOLENOID VALVE 1"NC. EPDM. 220V. MECATIC 0,3-16BAR
- 270221** BRASS SOLENOID VALVE 3/4"NC. EPDM. 220V. MECATIC 0,3-16BAR
- 2700943** BRASS SOLENOID VALVE 3/4"NC. EPDM. 24V. AC. MECATIC 0,3-16BAR
- 2700944** BRASS SOLENOID VALVE 3/4"NC. EPDM. 24V. DC. MECATIC 0,3-16BAR



250000031

NICKEL-PLATED DISTRIBUTOR
MANIFOLD 6 X 1/2" + 2 X 3/4"



2740077

STAINLESS-STEEL MANIFOLD BLOCK.
4XF1/2" OUT + 2XF1/2" IN



250000030

NICKEL-PLATED DISTRIBUTOR
MANIFOLD 4 X 1/2" + 2 X 3/4"



2700601

MEMBRANE FOR MECATIC SOLENOID
VALVE 1/2"



2705052

SET 3 SOLENOID STAINLESS-STEEL
1/2" 24VAC +BLOCK STAINLESS-STEEL



2719403

PNEUMATIC SOLENOID VALVE
0-10BAR. 3/2 24V. DC.



2716275

PNEUMATIC SOLENOID VALVE. 1/8"
4/2. 24V. DC.



2799016

PNEUMATIC SOLENOID VALVE.
0-10BAR. 1/8" 4/2. 24V. DC.



13

QUICK CONNECTORS



2700308

ZINC-COATED FITTING M 1/4" - M 3/8"



2700309

ZINC-COATED FITTING M 1/4" - M 1/4"



2700310

ZINC-COATED FITTING M 3/8" - M 3/8"



25RB60180812

FITTING REDUCTION 3/4" M 1/2" M



25RB60180408

FITTING REDUCTION 1/2" M 1/4" M



25RB60180608

FITTING REDUCTION 3/8" M 1/2" M



2700308

FITTING REDUCTION 3/8" M 1/4" M



25RB60200808

FITTING 1/2" M 1/2" H LOCK NUT



25RB60200404

FITTING 1/4" M 1/4" H LOCK NUT



25RB60200606

FITTING 3/8" M 3/8" H LOCK NUT



25RR70540004

FITTING SLEEVE 1/4" RECOVERABLE



25RR70110404

LOCK NUT 1/4" HOSE 1/4" RECOVERABLE



25RR70130404

FIX MALE FITTING 1/4" HOSE 1/4" RECOVERABLE



25RR70150404

FIX FEMALE 90° FITTING 1/4" - 1/4" RECOVERABLE



25RR70540005

FITTING SLEEVE 5/16" RECOVERABLE

QUICK CONNECTORS

25RR70110605



LOCK NUT 3/8" HOSE 5/16"
RECOVERABLE

25RR70130605



FIX MALE FITTING 3/8" HOSE 5/16"
RECOVERABLE

25RR70150605



FIX FEMALE 90° FITTING 3/8" - 5/16"
RECOVERABLE

26.0250.70



AR1 QUICK COUPLING TYPE B M 22X1,5
1/2" M

26.0250.60



AR1 QUICK COUPLING TYPE B M 22X1,5
1/2" H

26.0250.30



AR1 QUICK COUPLING TYPE B M 22X1,5
1/4" M

26.0250.20



AR1 QUICK COUPLING TYPE B M 22X1,5
1/4" H

26.0250.50



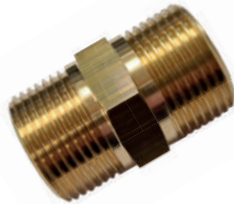
AR1 QUICK COUPLING TYPE B M 22X1,5
3/8" M

26.0250.40



AR1 QUICK COUPLING TYPE B M 22X1,5
3/8" H

26.0032.31



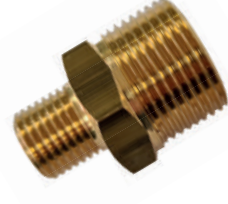
AR1 QUICK COUPLING M 22X1,5 AR1
TYPE A G 1/2" M

26.0033.31



AR1 QUICK COUPLING M 22X1,5 AR1
TYPE A G 1/2" H

26.0051.31



AR1 QUICK COUPLING M 22X1,5 AR1
TYPE A G 1/4" M

26.0030.31



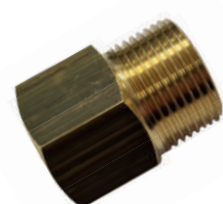
AR1 QUICK COUPLING M 22X1,5 AR1
TYPE A G 3/8" M

26.0002.31



AR1 QUICK COUPLING M 22X1,5. TYPE
A G 1/4" H

26.0031.31



AR1 QUICK COUPLING M 22X1,5 AR1
TYPE A G 3/8" H

26.0005.31



AR1 QUICK COUPLING M 22X1,5 AR1
TYPE A

310212006150



QUICK CONNECT COUPLER 1/4\"/>

310121720120



QUICK COUPLING PLUG NIPPLE 3/8\"/>
H AR3



14

CHECK VALVES



- 2700031** HIGH PRESSURE STAINLESS-STEEL CHECK VALVE F1/4" - F1/4" (VITON) Ø8. 25L/MIN
- 2700032** HIGH PRESSURE STAINLESS-STEEL CHECK VALVE F3/8" - F3/8" (VITON) Ø10. 40L/MIN
- 2700033** HIGH PRESSURE STAINLESS-STEEL CHECK VALVE F1/2" - F1/2" (VITON) Ø15. 80L/MIN
- 2700034** HIGH PRESSURE STAINLESS-STEEL CHECK VALVE F3/4" - F3/4" (VITON) Ø20. 180L/MIN



- 2738200** CHROME-PLATED BRASS REGULATION VALVE 1/4"M - 1/4"H
- 2724300** CHROME-PLATED BRASS REGULATION VALVE 1/2"H - 1/2"H
- 2730200** CHROME-PLATED BRASS REGULATION VALVE 3/8"H - 3/8"H



- 13244002** LOW PRESSURE STAINLESS STEEL CHECK VALVE 1/4"
- 13244004** LOW PRESSURE STAINLESS STEEL CHECK VALVE 1/2"
- 13244006** LOW PRESSURE STAINLESS STEEL CHECK VALVE 1"
- 13244007** LOW PRESSURE STAINLESS STEEL CHECK VALVE 1"+1/4"

15

CAR WASH HOSES



DOUBLE BRAID HOSES

25000006	HIGH PRESSURE HOSE JET2-1/4 1/4"H-1/4"H TL + HANDLE 3500 mm
25000028	HIGH PRESSURE HOSE JET2-1/4 1/4"H-1/4"H TL + HANDLE 4000 mm
25000002	HIGH PRESSURE HOSE JET2-1/4 1/4"H- 1/4"H TL + HANDLE 4500 mm
25000035	HIGH PRESSURE HOSE JET2-1/4 1/4"H- 1/4"H TL + HANDLE 5000 mm
25000036	HIGH PRESSURE HOSE JET2-1/4 1/4"H- 1/4"H TL + HANDLE 5500 mm
25000037	HIGH PRESSURE HOSE JET2-1/4 1/4"H- 1/4"H TL + HANDLE 6000 mm
25000008	HIGH PRESSURE HOSE JET2-1/4 3/8"H-3/8"H TL + HANDLE 3500 mm
25000038	HIGH PRESSURE HOSE JET2-1/4 3/8"H- 3/8"H TL + HANDLE 4000 mm
25000039	HIGH PRESSURE HOSE JET2-1/4 3/8"H- 3/8"H TL + HANDLE 4500 mm
25000040	HIGH PRESSURE HOSE JET2-1/4 3/8"H- 3/8"H TL + HANDLE 5000 mm
25000041	HIGH PRESSURE HOSE JET2-1/4 3/8"H- 3/8"H TL + HANDLE 5500 mm
25000042	HIGH PRESSURE HOSE JET2-1/4 3/8"H- 3/8"H TL + HANDLE 6000 mm



THERMOPLASTIC HOSES

45000001	HIGH PRESSURE HOSE 1/4"H- 1/4"H TL PARKER LIGHT 3500 mm
45000002	HIGH PRESSURE HOSE 1/4"H- 1/4"H TL PARKER LIGHT 4000 mm
45000003	HIGH PRESSURE HOSE 1/4"H- 1/4"H TL PARKER LIGHT 4500 mm
45000004	HIGH PRESSURE HOSE 1/4"H- 1/4"H TL PARKER LIGHT 5000 mm
45000005	HIGH PRESSURE HOSE 1/4"H- 1/4"H TL PARKER LIGHT 6000 mm
45000006	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 3500 mm
45000007	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 4000 mm
45000009	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 5000 mm
45000010	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 6000 mm
45000014	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 5500 mm
45000022	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 4000 mm
45000023	HIGH PRESSURE HOSE 3/8"H- 3/8"H TL PARKER LIGHT 4500 mm

CAR WASH HOSES

FIND YOUR REFERENCE

27 XXXXXX



CARWASH COMFORT HOSE

We have hoses in 4 colors, with 1/4 or 3/8 fittings, male or female, and various lengths. Find the reference for the hose you need according to the following structure:



27

14

FITTING 1

M

TYPE 1

38

FITTING 2

F

TYPE 2

01

COLOR

3500

LENGTH

1/4" = 14	MALE = M	1/4" = 14	MALE = M	BLUE = 01	3500 mm = 3500
3/8" = 38	FEMALE = F	3/8" = 38	FEMALE = F	RED = 02	4200 mm = 4200
				GREEN = 03	4500 mm = 4500
				YELLOW = 04	5000 mm = 5000

2714M38F014200 CARWASH COMFORT HOSE BLUE 1/4 MALE - 3/8 FEMALE 4200 mm



2700226

RED CURLY HANDLE



2700227

BLUE CURLY HANDLE



2700228

YELLOW CURLY HANDLE



2700229

GREEN CURLY HANDLE



25000052

SPRING HOSE FOR ARM
(PLEASE SPECIFY LENGTH)



2700064

STAINLESS STEEL SPRING FOR CEILING
BOOMS



- 25RL13011704** | BLACK HANDLE 1/4"
- 25RL13012206** | BLACK HANDLE 3/8"
- 25RL13011805** | BLACK HANDLE 5/16"



- 25RL13021704** | BLUE HANDLE 1/4"
- 25RL13022206** | BLUE HANDLE 3/8"
- 25RL13021805** | BLUE HANDLE 5/16"

16

**ROTARY HIGH
PRESSURE SWIVELS**



30.001
 INLINE MOSMATIC SWIVEL 1/4" - 1/4" 2 BEARINGS



30.103
 INLINE MOSMATIC SWIVEL 3/8" - 3/8" 2 BEARINGS



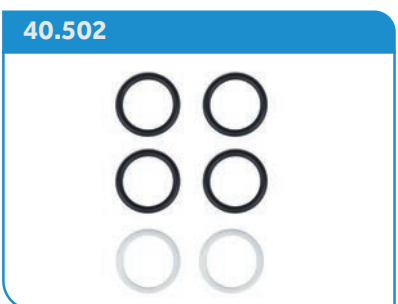
30.101
 INLINE MOSMATIC SWIVEL 1/4" M - 3/8" H 2 BEARINGS



- 32.834** | INLINE MOSMATIC SWIVEL 1/2" - 1/2" 1 BEARING
- 32.581** | INLINE MOSMATIC SWIVEL 1/4" - 1/4" 1 BEARING
- 32.593** | INLINE MOSMATIC SWIVEL 3/8" - 3/8" 1 BEARING



- 40.001** | 90° MOSMATIC SWIVEL M 1/4" F 1/4"
- 40.013** | 90° MOSMATIC SWIVEL M 3/8" F 3/8"
- 40.011** | 90° MOSMATIC SWIVEL M 1/4" F 3/8"



40.502
 SEAL KIT NW7 FOR 90° MOSMATIC SWIVEL



24300180131
 SWIVEL INLINE 1/4" KOTHAR



24300180132
 SWIVEL INLINE 3/8" KOTHAR



24300090132
 SWIVEL INLINE 90° 1/4" KOTHAR

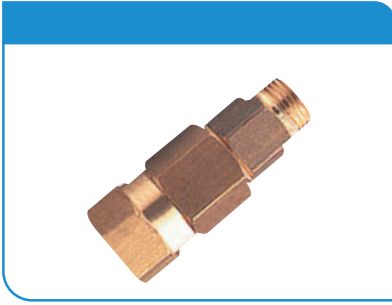


24300090133
 SWIVEL 90° 3/8" KOTHAR



26.1000.00
 BRASS SWIVEL 3/8" SHORT

ROTARY HIGH PRESSURE SWIVELS



26.1040.00 BRASS INLINE SWIVEL 1/4"

26.1050.00 BRASS INLINE SWIVEL 3/8"

26.1055.00 BRASS INLINE SWIVEL 1/2"



26.1061.00 INOX INLINE SWIVEL 3/8" P.A

26.1060.00 INOX INLINE SWIVEL 1/4" P.A



2700106 90° SWIVEL M1/4" - F1/4" MECATIC

2700107 90° SWIVEL M3/8" - F3/8" MECATIC

2700108 90° SWIVEL M1/4" - F3/8" MECATIC



2700085 INLINE SWIVEL M1/4" - F1/4" MECATIC

2700084 INLINE SWIVEL M3/8" - F3/8" MECATIC

2700105



SEAL KIT FOR 90° MECATIC SWIVEL



ROTARY HIGH PRESSURE SWIVELS

16



17

CEILING BOOMS



24300021141 CEILING BOOM 1600 mm

24300021143 CEILING BOOM 1750 mm

24300021148 CEILING BOOM 2000 mm



24300021165

Z CEILING BOOM 1550 mm



24300021155

DOUBLE CEILING BOOM L1 1600 mm
L2 1750 mm



24300021047

WALL MOUNTIN PLATE FOR CEILING
BOOMS



65.9007

Z CEILING BOOM 1550 mm 1/4
MOSMATIC

18

WASHING LANCES

18.1 FREE-FLOW LANCES

40.0110.14



SABLE LANCE WITH FILTER 700 mm P.A.

314152000002



SABLE LANCE WITHOUT FILTER
700 mm TECOME C.

151022160400



SABLE LANCE WITH 1/4" HANDLE MTM
700 mm. WITH FILTER.

28.415



MOSMATIC SOFT SABLE LANCE
750 mm

2700070



BLUE NOZZLE PROTECTOR WITH
NOZZLE HOLDER F1/4"

2700069



BLACK NOZZLE PROTECTOR WITH
NOZZLE HOLDER F1/4"

2700071



RED NOZZLE PROTECTOR WITH
NOZZLE HOLDER F1/4"

2722250



BLUE PVC AND RUBBER NOZZLE PRO-
TECTION WITH STAINLESS-STEEL
NOZZLE HOLDER F1/4"

2722260



RED PVC AND RUBBER NOZZLE PROTEC-
TION WITH STAINLESS-STEEL NOZZLE
HOLDER F1/4"

2700078



BLACK NOZZLE PROTECTOR
WITHOUT THREAD

29.010



NOZZLE PROTECTOR MOSMATIC
LANCE

151040010300



NOZZLE HOLDER 1/4" BLUE. MTM

2700072



BLACK NOZZLE PROTECTOR WITH
NOZZLE HOLDER F1/4"

2700068



BLACK RUBBER NOZZLE PROTECTOR
WITH NOZZLE HOLDER F1/4"

2700167



NOZZLE HOLDER FITTING F1/4"
STEEL ZINC

WASHING LANCES

40.0020.00



NOZZLE PROTECTOR FOR P.A. LANCE

18.2 LANCES FOR GUNS



- 40.5705.00** R5 BENT LANCE 700 mm
- 40.5905.00** R5 BENT LANCE 900 mm
- 40.6205.00** R5 BENT LANCE 1200 mm
- 40.6505.00** R5 BENT LANCE 1500 mm



- 314038000020** BENT LANCE SF40 500 mm STAINLESS STEEL
- 314038000016** BENT LANCE SF40 700 mm STAINLESS STEEL
- 314038000017** BENT LANCE SF40 900 mm STAINLESS STEEL
- 314038000018** BENT LANCE SF40 1200 mm STAINLESS STEEL
- 314038000021** BENT LANCE SF40 1500 mm STAINLESS STEEL



40.2160.00



STRAIGHT LANCE R5 500 mm

314030300016



LANCE SF40 700 mm STAINLESS STEEL

151022090211



STRAIGHT BRUSH LANCE 950 mm



15140112

CURVED BRUSH LANCE 950 mm



2700090

RETRACTABLE LANCE WITH LONGITUDINAL BRUSH M1/4"



2700039

RETRACTABLE LANCE WITH PERPENDICULAR BRUSH M1/4"



29.025

BENT HAND GRIP FOR LANCES (MOSMATIC)



2700754

BRUSH FOR LENGHTWISE RETRACTABLE LANCE



2720112

YELLOW NOZZLE PROTECTOR FOR KÄRCHER LANCE



- 2711150 STRAIGHT LANCE. MECATIC 500 mm
- 2711180 STRAIGHT LANCE. MECATIC 700 mm
- 2711160 STRAIGHT LANCE. MECATIC 900 mm



- 2711170 BENT LANCE. MECATIC 700 mm
- 2711190 BENT LANCE. MECATIC 900 mm
- 2711120 BENT LANCE. MECATIC 1200 mm



18.3 WASHING LANCE AND GUN SETS



314017000028

GUN ML955 3/8" + SW WITH EXTENSION



314043800000

LANCE FOR EXTENDED GUN M22X1.5 500 mm

19

GUNS

19.1 LEAKING

151011090417



AURA GUN WITH SWIVEL. WITH LEAKAGE.
25 L/MIN. 210 BAR

314012405010



GUN MV925 + SW. WITH LEAKAGE 30 L/
MIN 310 BAR

30.1792.00



RL26 + SW GUN WITH LEAKAGE 30 L/
MIN. 280 BAR

30.2055.00



VEGA GUN. 40 L/MIN. WITH LEAKAGE
350 BAR

30.2064.00



VEGA GUN + SW. 40 L/MIN. WITH LEAK-
AGE. 350 BAR

30.2100.00



TRIGGERLESS GUN 35 L/MIN. 250 BAR

30.1782.00



LOW PRESSURE LEAKAGE RL26 GUN +
SW 30 L/MIN. 280 BAR

151011030617



SG31 GUN + SW. WITH LEAKAGE.
30 L/MIN. 310 BAR

314012405011



GUN MV925 (LOW PRESSURE LEAK-
AGE) + SW 30 L/MIN 310 BAR

GUNS

19.2 NON-LEAKING

151010090217



AURA GUN WITH SWIVEL. 25L/MIN. 210 BAR

314012305000



GUN MV925 + SW. WITHOUT LEAKAGE 30 L/MIN 310 BAR

30.1758.00



LEAK-FREE RL26 GUN + SW 30 L/MIN 280 BAR

30.1220.00



LEAK-FREE RL37 GUN + SW 40 L/MIN 350 BAR

30.2000.00



VEGA GUN 40 L/MIN. LEAK-FREE. 350 BAR

30.2030.00



VEGA GUN + SW. 40 L/MIN. LEAK-FREE. 350 BAR

314017000011



GUN ML955 + SW 40 L/MIN 400 BAR

30.0620.00



LINEAR GUN 3. 40 L/MIN 350 BAR

30.0100.00



VEGA RL20 FRONT INLET GUN 30 L/MIN 200 BAR

151010030217



SG31 GUN + SW. NON-LEAKAGE. 30 L/MIN. 310 BAR

30.5300.00



RL124 GUN 120 L/MIN. 120 BAR

30.5200.00



RL204 GUN 200 L/MIN. 200 BAR

30.4120.10



RL51 GUN + SW 50 L/MIN. 200 BAR

30.6200.00

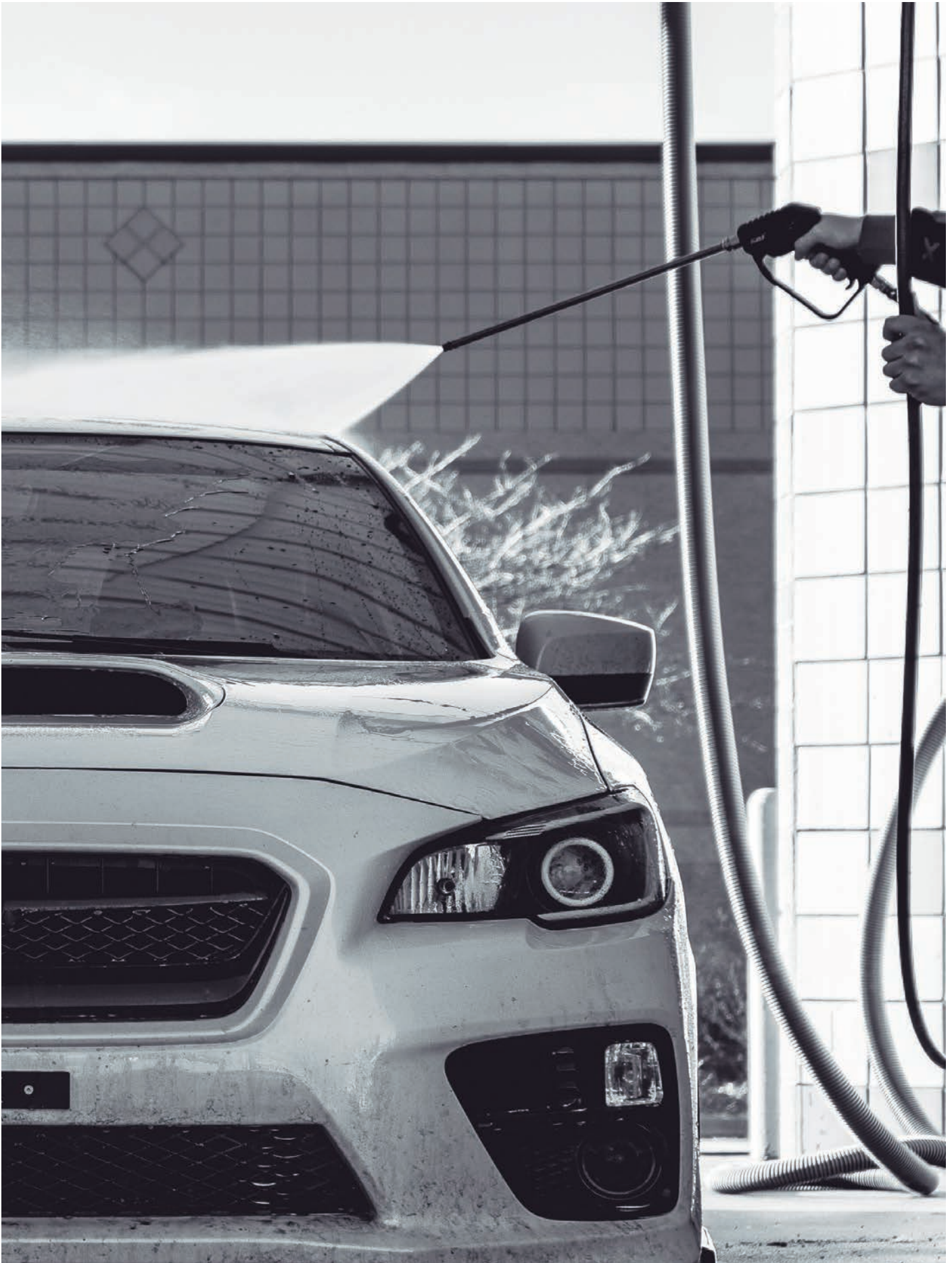


RB35 LOW PRESSURE GUN (FOOD INDUSTRY) 50 L/MIN. 12 BAR

30.6425.00



RB65 GUN + SW LOW PRESSURE (FOOD INDUSTRY) ADJUSTABLE 60 L/MIN. 24 BAR



GUNS

19

20

FOAM ACCESSORIES

29.123



FOAM LANZE (INCLUDES FOAM HEAD ST75) (MOSMATIC)

25.1520.12



FOAM LANZE LS 3 WITH 1L DEPOSIT.

25.1868.65



FOAM LANCE LS10 WITH 2L DEPOSIT

2700994



FOAM HEAD FH35 BLUE (WITHOUT NOZZLE)

2700987



FOAM HEAD FH35 BLACK (WITHOUT NOZZLE)

3520007549



FOAM HEAD ST75 (NOZZLE NOT INCLUDED)

1121060014



- 21.0600.12** CHEMICAL INJECTOR 3/8" M - 3/8" M. Ø1.2 MM 30 L/MIN. 220 BAR (BLACK)
- 21.0600.14** CHEMICAL INJECTOR 3/8" M - 3/8" M. Ø1.4 MM 30 L/MIN. 220 BAR (RED)
- 21.0600.18** CHEMICAL INJECTOR 3/8" M - 3/8" M. Ø1.8 MM 30 L/MIN. 220 BAR (BLUE)



- 3520016083** INJECTOR ST161 1.2
- 3536000230** INJECTOR ST161 1.3
- 3520016080** INJECTOR ST161 1.4
- 3520016081** INJECTOR ST161 1.5
- 3536000194** INJECTOR ST161 1.6
- 3520016082** INJECTOR ST161 1.7



- 2701102** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 02
- 2701103** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 03
- 2701135** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 035
- 2701104** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 04
- 2701145** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 045
- 2701105** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 05
- 2701106** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 06
- 2701175** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 075
- 2701110** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 10
- 2701112** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 12,5
- 2701115** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 15
- 2701120** STAINLESS-STEEL NOZZLE FOR FOAM HEAD 20

FOAM ACCESSORIES



151030120281
LANCE FOR FH35 HEAD. WITH LEAKAGE.

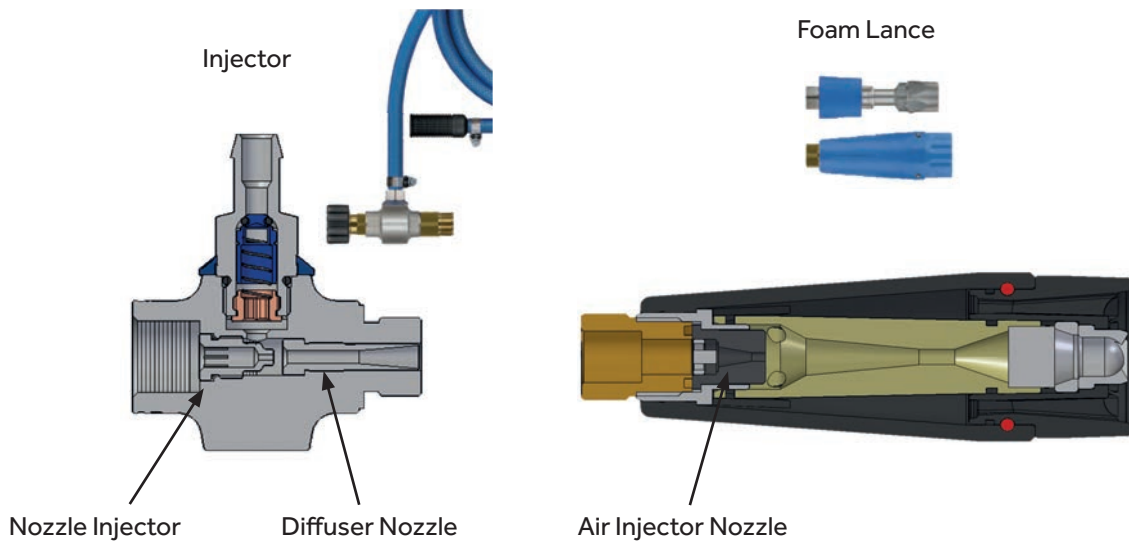


151030120181
FOAM HEAD EXTENSION GUN FH35. NON-LEAKAGE



2700505	STAINLESS-STEEL 5G SIEVE FOR FOAM HEAD
2700503	STAINLESS-STEEL 3,4G SIEVE FOR FOAM HEAD
2700504	STAINLESS-STEEL 4G SIEVE FOR FOAM HEAD

ACTIVE FOAMING WITH FOAM LANCES



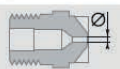
The diffuser nozzle should always be larger than the injector nozzle

It creates pressure. The air injector nozzle must always be larger than the injector nozzle

SIZE NOZZLE RECOMMENDED COMBINATIONS										
Pressure Nozzle	030	035	040	045	055	060	070	080	085	090
Injector Nozzle	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1
Diffuser Nozzle	1.7	1.7	1.7	2	2	2.3	2.3	2.3	2.3	2.8
Foam Nozzle	06	06	075	08	10	10	13	13	15	15


NOZZLE SIZE

Flow l/min



		PRESSURE (Bar)											
		3	10	20	30	40	50	60	70	80	90	100	110
D	Ø*	☰	☰	☰	☰	☰	☰	☰	☰	☰	☰	☰	☰
01	0.59	0.4	0.7	1.0	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3
015	0.71	0.6	1.0	1.5	1.8	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6
02	0.84	0.8	1.4	2	2.5	2.8	3.2	3.5	3.7	4.0	4.2	4.5	4.7
025	0.94	1.0	1.6	2.5	3.1	3.5	4.0	4.3	4.7	5.0	5.3	5.6	5.9
03	1.03	1.2	2.0	3.1	3.7	4.3	4.8	5.3	5.7	6.1	6.3	6.8	7.1
035	1.10	1.4	2.5	3.6	4.2	4.9	5.5	6.0	6.5	7.0	7.4	7.8	8.2
04	1.21	1.6	2.8	4.1	5.2	5.9	6.6	7.3	7.8	8.4	8.9	9.4	9.8
045	1.26	1.8	3.1	4.5	5.5	6.4	7.1	7.8	8.4	9.0	9.6	10.2	10.5
05	1.33	2.0	3.5	5.1	6.2	7.1	8.0	8.7	9.4	10.0	10.7	11.3	11.8
055	1.39	2.2	3.7	5.6	6.8	7.8	8.7	9.6	10.3	11.1	11.8	12.4	13.0
06	1.46	2.4	4.1	6.1	7.4	8.6	9.6	10.4	11.3	12.1	12.8	13.6	14.3
065	1.52	2.6	4.3	6.6	8.0	9.3	10.4	11.3	12.3	13.2	14.0	14.7	15.4
07	1.57	2.8	5.0	7.1	8.6	10.0	11.2	12.2	13.2	14.1	15.0	15.8	16.6
075	1.63	3.0	5.3	7.6	9.3	10.7	12.0	13.1	14.2	15.2	16.1	16.9	17.7
08	1.68	3.2	5.6	8.2	9.8	11.3	12.7	14.0	15.1	16.1	17.1	18.0	18.9
085	1.73	3.4	6	8.7	10.4	12.1	13.5	14.8	16.0	17.1	18.1	19.1	20.0
09	1.78	3.6	6.5	9.2	11.1	12.8	14.3	15.7	17.0	18.0	19.2	20.2	21.2
10	1.88	3.9	7.0	10.2	12.3	14.2	16.0	17.4	18.9	20.1	21.4	22.5	23.6
11	1.96	4.3	7.8	11.2	13.4	15.5	17.3	19.0	20.5	22.0	23.3	24.5	25.7
12	2.05	4.7	8.4	12.3	14.6	16.9	18.9	20.8	22.4	24.0	25.4	26.8	28.1
13	2.13	5.1	9.5	13.3	15.9	18.3	20.5	22.5	24.3	26.0	27.5	29.0	30.4
14	2.21	5.5	10.2	14.3	17.1	19.7	22.1	24.2	26.1	28.0	29.6	31.3	32.8
15	2.30	5.9	10.8	15.3	18.5	21.3	23.9	26.1	28.3	30.2	32.1	33.8	35.3
20	2.66	7.9	14	20.5	24.7	28.5	31.9	34.9	37.8	40.3	42.7	45.1	47.2
30	3.25	11.8	21.1	31.0	37.0	42.7	47.8	52.4	56.6	60.5	64.2	67.6	70.9
40	3.76	15.8	28.0	41.0	49.4	57.0	63.7	69.8	75.4	80.7	85.5	90.2	94.6
50	4.28	19.7	35.3	51.0	61.50	71.00	80.00	87.00	94.50	102.50	107.00	112.50	118.00

Flow l/min



		PRESSURE (Bar)											
		120	130	140	150	160	175	200	225	250	300	400	500
D	Ø*	☰	☰	☰	☰	☰	☰	☰	☰	☰	☰	☰	☰
01	0.59	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.3	3.5	3.8	4.4	4.9
015	0.71	3.7	3.8	4.0	4.2	4.3	4.5	4.8	5.1	5.4	5.9	6.7	7.5
02	0.84	4.8	5.0	5.3	5.4	5.6	5.9	6.3	6.7	7.0	7.7	8.9	9.9
025	0.94	6.1	6.4	6.6	6.9	7.1	7.5	8.0	8.5	9.0	9.9	11.4	12.7
03	1.03	7.4	7.7	8.0	8.3	8.6	9.0	9.6	10.2	10.7	11.8	13.5	15.1
035	1.10	8.6	8.9	9.2	9.5	9.8	10.3	11.0	11.7	12.3	13.8	15.5	17.8
04	1.21	10.3	10.7	11.1	11.5	11.9	12.4	13.3	14.1	14.8	16.3	18.7	20.9
045	1.26	10.9	11.4	11.8	12.2	12.6	13.2	14.1	15.0	15.8	17.4	19.9	22.3
05	1.33	12.4	12.9	13.4	13.8	14.3	14.9	16.0	16.9	17.9	19.7	22.6	25.3
055	1.39	13.6	14.1	14.7	15.2	15.7	16.4	17.5	18.6	19.6	21.7	25.0	28.0
06	1.46	14.9	15.5	16.0	16.7	17.2	18.0	19.2	20.4	21.5	23.7	27.1	30.3
065	1.52	16.1	16.8	17.4	18.0	18.6	19.4	20.8	22.0	23.2	25.6	29.3	32.7
07	1.57	17.3	18.0	18.7	19.3	20.0	20.9	22.3	23.7	25.0	27.1	31.3	35.0
075	1.63	18.5	19.3	20.0	20.7	21.4	22.4	23.9	25.3	26.7	29.4	33.7	37.7
08	1.68	19.7	20.5	21.3	22.0	22.8	23.8	25.5	27.0	28.5	31.4	35.9	40.2
085	1.73	20.9	21.8	22.6	23.4	24.1	25.3	27.0	28.6	30.2	34.5	39.8	44.5
09	1.78	22.1	23.0	23.9	24.7	25.5	26.7	28.6	30.3	31.9	35.1	40.2	45.0
10	1.88	24.6	25.6	26.6	27.6	28.5	29.8	31.8	33.7	35.6	39.2	44.9	50.2
11	1.96	26.9	28.0	29.1	30.1	31.1	32.5	34.7	36.8	38.8	43.4	50.1	56.0
12	2.05	29.4	30.6	31.7	32.8	33.9	35.4	37.9	40.2	42.4	46.7	53.4	59.8
13	2.13	31.8	33.1	34.4	35.6	36.7	38.4	41.1	43.6	45.9	50.5	57.8	64.7
14	2.21	34.2	35.6	37.0	38.3	39.5	41.4	44.3	46.9	49.4	55.0	63.5	71.0
15	2.30	36.9	38.4	39.9	41.3	42.6	44.6	47.7	50.6	53.3	58.7	67.2	75.2
20	2.66	49.3	51.3	53.2	55.1	56.9	59.5	63.6	67.5	71.1	78.2	89.6	100.0
30	3.25	74.0	77.1	80.0	82.8	85.5	89.4	95.6	101.0	107.0	118.0	149.0	151.0
40	3.76	98.8	103.0	107.0	110.0	114.0	119.0	127.0	135.0	143.0	157.0	198.0	202.0
50	4.28	123.00	128.00	133.00	138.00	142.50	149.00	159.00	168.50	178.00	196.00	224.50	251.00

21

**VARIOUS CAR WASH
ACCESSORIES**

151070010200



COMPLETE BRUSH WITH NATURAL BRISTLES 6 cm

2700063



STAINLESS-STEEL FOAMING INJECTOR FOR BRUSH LANCES Ø2.5 mm M1/4" - F1/4"

2709001



BRUSH WITH SHORT BRISTLES 6 cm

2720102



VORWERK BRUSH WITH LONG BRISTLES 9 cm

2795002



STAINLESS-STEEL BRUSH HOLDER F1/4" WITH SCREWS

2700037



PLASTIC COVER FOR VORWERK BRUSH

2700052



MONOBLOC BRUSH F1/4" WITH SHORT BRISTLES 6 cm

2701019



MONOBLOC BRUSH F1/4" WITH LONG BRISTLES 9 cm

6000001239



COLD WATER BRUSH 404

24300021200



SPRING-LOADED LANCE HOLDER

310216000050



LANCE-HOLDER SPRING MODEL WITH SAFETY LOCK

310216000010



LANCE-HOLDER WITH SAFETY LOCK

310216000060



LANCE-HOLDER WALL MODEL

24300021210



LANCE HOLDER

2700100



LANCE HOLDER WITH SPRING. MECATIC

VARIOUS CAR WASH ACCESSORIES

28.3270.00



PLASTIC BRUSH BUCKET

310217000020



STAINLESS STEEL BRUSH-BUCKET

6000001246



TELESCOPIC EXTENSION HANDLE FOR
BRUSH 404 2000 mm





22

NOZZLES

HOW TO CHOOSE THE CORRECT NOZZLE?

The nozzle is responsible for modifying flow rates according to pressure and generating a water flow with a specific angle, depending on the impact desired.

TYPE OF NOZZLE

Empty cone jet	Hollow cone spray nozzles create a uniform distribution of liquid droplets, forming a hollow cone. The spray pattern forms a circle, and its diameter is determined by the distance from the nozzle and the spray angle
Full cone jet	The interior cone is filled with liquid particles. The spray pattern forms a circle, and its diameter is determined by the distance from the nozzle and the spray angle
Flat Jet	The spray forms an elongated ellipse
Spray Nozzles	Spraying is achieved with the mixture of air and liquid



FLOW

The inner diameters and pressure determine the flow rate

SPRAY ANGLE

The spray angle is measured near the water outlet. Increasing the distance reduces the accuracy of the spray.

DROPLET DIAMETER (Spraying)

Pressure, flow rate, and angle determine the droplet diameter. Increasing the flow rate, for example, leads to an increase in droplet diameter, and increasing the pressure leads to a decrease in droplet diameter.

IMPACT

Pressure, flow rate, and spray pattern are crucial in measuring the impact of the nozzle. If the nozzle has a straight angle, the impact will be higher, whereas with a wider angle, the impact will be lower.

NOZZLE DURATION

The nozzle deteriorates with continuous work, causing wear on the inner hole, leading to an increase in flow.

NOZZLE SIZE

It is necessary to use the correct nozzle to avoid pressure spikes or rapid wear.

NOZZLES

22.1 FIX

FIND YOUR REFERENCE
27 XXXXXX



INOX NOZZLE

We have nozzles of all sizes, angles, and flow rates. Find the reference for the nozzle you need according to the following structure:

27

14

15

03

**THREAD
TYPE**

1/4" = 14
1/8" = 18

ANGLE

0° = 00
15° = 15
25° = 25
40° = 40
50° = 50
65° = 65

FLOW

SEE TABLE

27141503 INOX NOZZLE 1/4" MEG 1503

	PRESSURE (Bar)																						
	20	25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230
01	1	1,2	1,3	1,5	1,6	1,8	1,9	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,3	3,4	3,5
015	1,5	1,7	1,9	2,2	2,4	2,6	2,8	3	3,2	3,4	3,6	3,7	3,9	4	4,2	4,3	4,4	4,6	4,7	4,8	4,9	5	5,2
02	2,1	2,3	2,5	2,9	3,3	3,6	3,8	4,1	4,4	4,6	4,8	5	5,2	5,4	5,6	5,8	6	6,2	6,3	6,5	6,7	6,8	7
025	2,5	2,8	3,1	3,5	4	4,3	4,7	5	5,3	5,6	5,9	6,1	6,4	6,6	6,9	7,1	7,3	7,5	7,7	7,9	8,1	8,3	8,5
03	3	3,4	3,7	4,3	4,8	5,3	5,7	6,1	6,5	6,8	7,1	7,4	7,8	8	8,3	8,6	8,9	9,1	9,4	9,6	9,9	10,1	10,3
035	3,6	4	4,4	5,1	5,7	6,2	6,7	7,2	7,6	8	8,4	8,8	9,1	9,5	9,8	10,1	10,4	10,7	11	11,3	11,6	11,9	12,1
040	4,1	4,6	5	5,8	6,4	7	7,6	8,1	8,6	9,1	9,5	10	10,4	10,8	11,1	11,5	11,9	12,2	12,5	12,9	13,2	13,5	13,8
045	4,6	5,2	5,6	6,5	7,3	8	8,6	9,2	9,8	10,3	10,8	11,3	11,7	12,2	12,6	13	13,4	13,8	14,2	14,6	14,9	15,3	15,6
05	5,1	5,7	6,2	7,2	8,1	8,8	9,5	10,2	10,8	11,4	12	12,5	13	13,5	14	14,4	14,9	15,3	15,7	16,1	16,5	16,9	17,3
055	5,6	6,3	6,8	7,9	8,8	9,7	10,5	11,2	11,9	12,5	13,1	13,7	14,3	14,8	15,3	15,8	16,3	16,8	17,2	17,7	18,1	18,5	19
06	6,1	6,9	7,5	8,7	9,7	10,6	11,5	12,3	13	13,7	14,4	15	15,6	16,2	16,8	17,3	17,9	18,4	18,9	19,4	19,9	20,3	20,8
065	6,6	7,4	8,1	9,4	10,5	11,5	12,4	13,2	14	14,8	15,5	16,2	16,9	17,5	18,1	18,7	19,3	19,9	20,4	20,9	21,4	22	22,4
07	7,2	8	8,8	10,1	11,3	12,4	13,4	14,3	15,2	16	16,8	17,5	18,2	18,9	19,6	20,2	20,9	21,5	22,1	22,6	23,2	23,7	24,3
075	7,6	8,6	9,4	10,8	12,1	13,2	14,3	15,3	16,2	17,1	17,9	18,7	19,5	20,2	20,9	21,6	22,3	22,9	23,6	24,2	24,8	25,4	25,9
08	8,1	9,1	10	11,5	12,9	14,1	15,2	16,3	17,3	18,2	19,1	19,9	20,8	21,5	22,3	23	23,7	24,4	25,1	25,7	26,4	27	27,6
085	8,7	9,7	10,6	12,3	13,7	15	16,2	17,4	18,4	19,4	20,3	21,3	22,1	23	23,8	24,5	25,3	26	26,7	27,4	28,1	28,8	29,4
09	9,4	10,5	11,5	13,3	14,8	16,3	17,6	18,8	19,9	21	22	23	23,9	24,8	25,7	26,6	27,4	28,2	28,9	29,7	30,4	31,1	31,8
095	9,8	11	12	13,9	15,6	17	18,4	19,7	20,9	22	23,1	24,1	25,1	26	26,9	27,8	28,7	29,5	30,3	31,1	31,9	32,6	33,4
10	10,3	11,5	12,6	14,5	16,3	17,8	19,2	20,6	21,8	23	24,1	25,2	26,2	27,2	28,2	29,1	30	30,9	31,7	32,5	33,3	34,1	34,9

201305315



GREEN NOZZLE FOR AIR FRESHENER

151051010100



BRASS NOZZLE 1/4" 6540 LOW PRESSURE

22.2 ROTATING NOZZLES 160 BAR



3100160030	ROTATING NOZZLE 160 BAR 030
3100160035	ROTATING NOZZLE 160 BAR 035
3100160040	ROTATING NOZZLE 160 BAR 040
3100160045	ROTATING NOZZLE 160 BAR 045
3100160050	ROTATING NOZZLE 160 BAR 050
3100160055	ROTATING NOZZLE 160 BAR 055
3100160060	ROTATING NOZZLE 160 BAR 060

22.3 ROTATING NOZZLES 255 BAR



3100255030	ROTATING NOZZLE 255 BAR 030
3100255035	ROTATING NOZZLE 255 BAR 035
3100255040	ROTATING NOZZLE 255 BAR 040
3100255045	ROTATING NOZZLE 255 BAR 045
3100255050	ROTATING NOZZLE 255 BAR 050
3100255055	ROTATING NOZZLE 255 BAR 055
3100255060	ROTATING NOZZLE 255 BAR 060
3100255065	ROTATING NOZZLE 255 BAR 065
3100255070	ROTATING NOZZLE 255 BAR 070
3100255075	ROTATING NOZZLE 255 BAR 075

NOZZLES

22.4 ROTATING NOZZLES 400 BAR



3100400030	ROTATING NOZZLE 400 BAR 030
3100400035	ROTATING NOZZLE 400 BAR 035
3100400040	ROTATING NOZZLE 400 BAR 040
3100400045	ROTATING NOZZLE 400 BAR 045
3100400050	ROTATING NOZZLE 400 BAR 050
3100400055	ROTATING NOZZLE 400 BAR 055
3100400060	ROTATING NOZZLE 400 BAR 060
3100400065	ROTATING NOZZLE 400 BAR 065
3100400070	ROTATING NOZZLE 400 BAR 070
3100400075	ROTATING NOZZLE 400 BAR 075
3100400080	ROTATING NOZZLE 400 BAR 080
3100400090	ROTATING NOZZLE 400 BAR 090

22.5 PIPE CLEANING NOZZLES



25.1203.40	PIPE CLEANING NOZZLE. ST3 1/8" SIZE 04
25.1213.40	PIPE CLEANING NOZZLE. ST3 1/4" SIZE 04. 3 HOLES
25.1201.51	PIPE CLEANING NOZZLE. 1/4". SIZE 04. 4 HOLES
25.1210.51	PIPE CLEANING NOZZLE. 3/8" SIZE 06. 9 HOLES



25.1285.40	ROTARY PIPE CLEANING NOZZLE. STR 1/8" SIZE 04
25.1290.40	ROTARY PIPE CLEANING NOZZLE. STR 1/4" SIZE 04
31124722610	ROTARY PIPE CLEANING NOZZLE 3/8" SIZE 045

22.6 CAR WASH ROLLOVERS NOZZLES



2700065	PVDF NOZZLE 1/8 3 BAR 3,06 L/MIN. 45°
2700066	PVDF NOZZLE 1/4 3 BAR 3,86 L/MIN. 60°
2700067	PVDF NOZZLE 1/4 3 BAR 19,6 L/MIN. 90°

22.7 LONG-RANGE NOZZLE

1214901



MOSMATIC STABILIZER NOZZLE

The stabilizer nozzle from Mosmatic, included in our Spider heads, ensures the cleaning effectiveness by increasing the distance and impact of the spray.

Through the venturi system, we manage to condense the water jet so that it doesn't lose pressure over much greater distances than achieved by normal nozzles.

It can be adapted to any pressure and flow by modifying the inner nozzle.



1600020 EG NOZZLE 020

1600030 EG NOZZLE 030

1600040 EG NOZZLE 040

1600045 EG NOZZLE 045

1600050 EG NOZZLE 050

1600055 EG NOZZLE 055

1600060 EG NOZZLE 060

1600065 EG NOZZLE 065

1600070 EG NOZZLE 070

1600075 EG NOZZLE 075

1600080 EG NOZZLE 080

1600090 EG NOZZLE 090

1600100 EG NOZZLE 0100

1600150 EG NOZZLE 0150

1600200 EG NOZZLE 0200

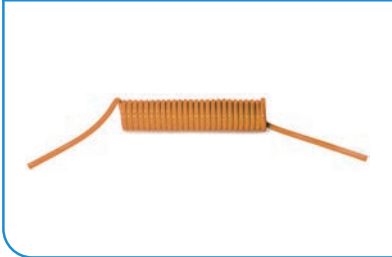
FLOW (l/min) to:

SIZE	20 bar	25 bar	30 bar	35 bar	40 bar	50 bar	60 bar	70 bar	100 bar	150 bar	200 bar	275 bar	350 bar
020	2.0	2.3	2.5	2.7	2.9	3.2	3.5	3.8	4.6	5.6	6.4	7.4	8.3
030	3.1	3.4	3.7	4.0	4.3	4.8	5.3	5.7	6.8	8.4	9.7	11.4	12.6
040	4.1	4.6	5.0	5.4	5.8	6.4	7.1	7.6	9.1	11.2	12.9	15.6	17.5
045	4.6	5.1	5.6	6.1	6.5	7.3	7.9	8.6	10.3	12.6	14.5	16.6	18.7
050	5.1	5.7	6.2	6.7	7.2	8.1	8.8	9.5	11.4	14.0	16.1	18.8	21.2
055	5.6	6.3	6.9	7.4	7.9	8.9	9.7	10.5	12.5	15.4	17.7	20.6	23.4
060	6.1	6.8	7.5	8.1	8.6	9.7	10.6	11.4	13.7	16.7	19.3	22.6	25.5
065	6.6	7.4	8.1	8.8	9.4	10.5	11.5	12.4	14.8	18.1	21.0	24.5	27.5
070	7.1	8.0	8.7	9.4	10.1	11.3	12.4	13.3	16.0	19.5	23.0	26.0	29.3
075	7.6	8.5	9.4	10.1	10.8	12.1	13.2	14.3	17.1	21.0	24.0	28.1	31.6
080	8.2	9.1	10.0	10.8	11.5	12.9	14.1	15.3	18.2	22.0	26.0	30.0	33.7
090	9.2	10.3	11.2	12.1	13.0	14.5	15.9	17.2	21.0	25.0	29.0	33.5	37.8
100	10.2	11.4	12.5	13.5	14.4	16.1	17.7	19.1	23.0	28.0	32.0	37.6	42.1
150	15.3	17.1	18.7	20.0	22.0	24.0	26.0	29.0	34.0	42.0	48.0	56.0	63.0
200	20.0	23.0	25.0	27.0	29.0	32.0	35.0	38.0	46.0	56.0	64.0	74.7	84.1

23

**LOW PRESSURE
WHEEL CLEANER
ACCESORIES**

2720010



PA11 WHEEL WASHING SPIRAL HOSE.
8x5 mm, 17 m ORANGE

2770001



STAINLESS STEEL NIPPLE WITH SWIVEL
FOR WHEEL WASHING SPIRAL HOSE

2700038



WHEEL CLEANING STAINLESS-STEEL
LANCE. 600 mm + GUN F1/2". SIZE 03 FLAT
110° PLASTIC NOZZLE

6815021100



LOW PRESSURE 1100 mm LANCE
STAINLESS STEEL

2799001



WHEEL CLEANER GUN WITH NOZZLE
HOLDER F1/2"IN

13.0003.65



NOZZLE HOLDER FOR WHEEL
CLEANER LANCE

25XRB60160804



STAINLESS STEEL REDUCTION FOR
WHEEL CLEANING LANCE
1/2" M - 1/4" H

2700140



FLAT 110° PLASTIC NOZZLE FOR
WHEEL CLEANER. ORANGE



24

BOILERS



464633201	DELTA BOILER PRO S 25 ACV
4646784162	DELTA BOILER PRO S 45 ACV
464633301	DELTA BOILER PRO S 55 ACV

The dual-service boiler body with integrated stainless steel hot water interaccumulator is suitable for both gas and diesel

The dual-service boiler body incorporates a hot water accumulator made of stainless steel with Tank in Tank technology. This self-tilting accumulator generates a self-descaling effect, reducing maintenance needs.

The boiler is designed to operate at hot water production temperatures above 70 °C

Option to use gas or diesel depending on the burner selection, allowing for a possible change of fuel in the future

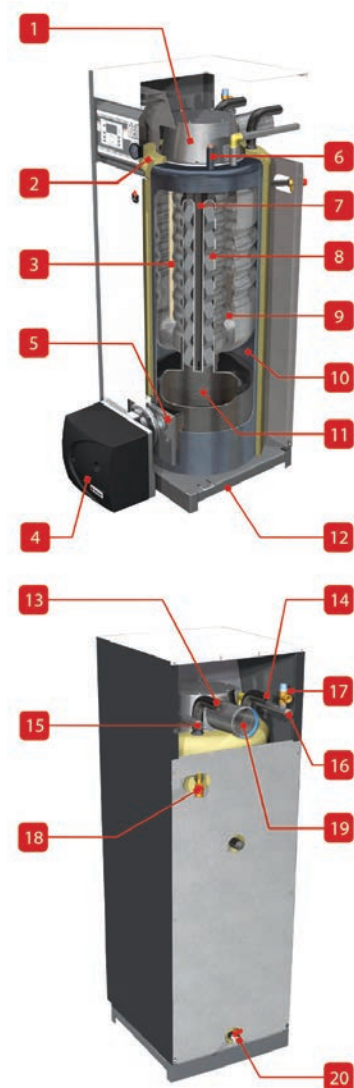
Simple and intuitive control panel that allows easy adjustment of the desired hot water temperature

The boiler's combustion chamber is cooled by the water in the primary circuit, allowing a better combustion stability

Its compact design makes it suitable for domestic use as well as for industrial applications such as car wash lines, food cleaning processes, etc.

SCHEME OF PRINCIPLE

1. Chimney reduction with easy access
2. 30 mm insulation in expanded polyurethane foam
3. Cold water inlet sheath
4. Burner (not supplied)
5. Combustion chamber door
6. Thermostat limited to 95 °C and manual reset safety thermostat
7. Flue duct
8. Turbulators
9. Tank in Tank stainless steel hot water accumulator
10. Primary circuit (heating)
11. Combustion chamber
12. Boiler base
13. Heating outlet
14. Heating return
15. Hot water outlet
16. Cold water inlet
17. Sanitary safety valve [7 Bar]
18. Heating safety valve [3 Bar]
19. Chimney connection Ø 100 mm
20. Drainage valve



BOILERS

DIMENSIONS AND TECHNICAL SPECS

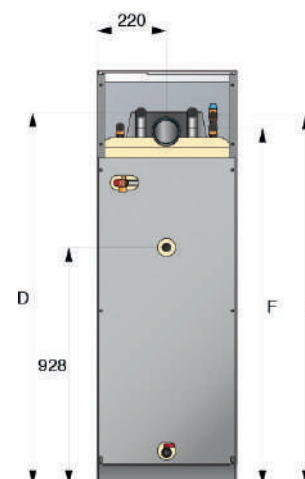
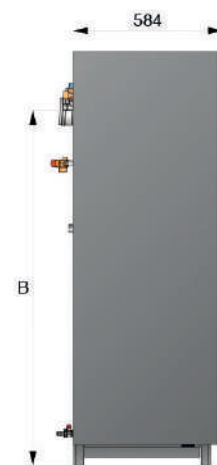
TYPE		DELTA PRO S 25	DELTA PRO S 45	DELTA PRO S 55
Reference		04633201	04633301	04633401
Maximum Calorific Consumption (heating) PCS	Kw	31,4	54,9	65,2
Usable power at maximum operating conditions (80/60 °C)	Kw	25	44,9	56
Usable minimum Power. (80/60 °C)	Kw		12,9	16,7
Efficiency energy seasonal heating	%	80.1	80.1	82
Total capacity	L	158	128	151
Domestic hot water capacity	L	75	65	83
Primary capacity	L	83	63	68
Domestic water connection	Ø"	3/4 M	3/4 M	3/4 M
Heating Connection	Ø"	1 H	1 H	1 H
Chimney Connection	Ømm	100	100	100
Pressure drop tank at Δt = 20 °C	mbar	15	25	37
Maximum working temperature	°C	90	90	90
Domestic Water maximal Pressure	Bar	8,6	8,6	8,6
Maximum pressure (primary)	Bar	3	3	3
Dimensions A	mm	1615	1615	1760
Dimensions B	mm	1386	1386	1586
Dimensions C	mm	360	390	390
Dimensions D	mm	1445	1445	1645
Dimensions E	mm	1445	1445	1645
Dimensions F	mm	1400	1400	1600
Empty weight	Kg	145	168	200
Voltage	V	230	230	230

DOMESTIC WATER PERFORMANCE

TYPE		DELTA PRO S 25	DELTA PRO S 45	DELTA PRO S 55
Maximal Flow at 40°C	l/10'	268	316	362
Maximal Flow 1st hour at 40°C	l/60'	806	1284	1533
Continuous flow at 40 °C	l/h	645	1161	1405

CHIMNEY CONNECTION

B23 - B23P





46237D0154	DELTA GAS BURNER 25
46237D0155	DELTA GAS BURNER 45
46237D0156	DELTA GAS BURNER 55
46237E0024	DELTA DIESEL BURNER 25 (SEALED AIR INTAKE) BMV1
46237E0025	DELTA DIESEL BURNER 45-55 (SEALED AIR INTAKE) BMV2



4655301300

DOMESTIC HOT WATER EXPANSION VESSEL 5L



610000001	STAINLESS STEEL COIL BOILER 21 L
610000002	STAINLESS STEEL COIL BOILER 18 L



610000003

FLAME CONTROL FOR COIL BOILER



610000004

PLUG IN FOR COIL BOILER



574019463

DIESEL TANK 700 L

25

PERIPHERALS

Carpet cleaning machine



37LT230ECO CARPET CLEANING MACHINE ECO 230 V

37LT400ECO CARPET CLEANING MACHINE ECO 400 V

MODEL	37LT230ECO	37LT400ECO
VOLTAGE	230 V Single Phase	400 V Three Phase 3P+N
POWER	1.0 Kw	1.0 Kw
BACTERICIDAL KIT	No (optional)	No (optional)
ANTIFREEZE SYSTEM	No (optional)	No (optional)
COIN VALIDATOR	Mechanical	Mechanical
PEDAL	Mechanical with faucet	Mechanical with faucet
DOOR	With simple lock	With simple lock
WEIGHT	72 Kg	72 Kg
HEIGHT	900 mm	900 mm
WIDTH	800 mm	800 mm
LENGTH	550 mm	550 mm

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**

PERIPHERALS



- 65000001** ANALOG TIRE INFLATOR (AIR)
- 65000002** ANALOG TIRE INFLATOR (AIR AND WATER)



- 153070210001** DIGITAL TIRE INFLATOR WITH ELECTRONIC COIN VALIDATOR
- 153070210002** DIGITAL TIRE INFLATOR WITH ELECTRONIC COIN VALIDATOR AND COMPRESSOR
- 153070310002** ANALOG WATER AND TIRE INFLATOR WITH ELECTRONIC COIN MECHANISM (AIR AND WATER)
- 153070310003** ANALOG WATER AND TIRE INFLATOR WITH ELECTRONIC COIN MECHANISM (AIR AND WATER) WITH COMPRESSOR
- 153070910001** ANALOG TIRE INFLATOR LTI WITH ELECTRONIC COIN VALIDATOR



37GEP/19

DIGITAL INFLATOR WITH APPROVED ELECTRIC COIN VALIDATOR



65000003

APPROVED TIRE INFLATOR PRESSURE GAUGE



38DM50

CHAMOIS MACHINE DM50



153080910001

TIRE CLEANING SPRAYER MACHINE



400000004

FRONT CHANGE MACHINE (coin validator + bill acceptor + 1 hopper)



400000027

CONTROL BOX FOR WASH BAY



90.050

MAT HOLDER STAINLESS STEEL (MOSMATIC)



200814300

STAINLESS STEEL WALL MOUNT FOR HELMET



200814251

STAINLESS STEEL MOTORCYCLE FIGURED PLATE FOR STAND

2700079



STAINLESS STEEL BICYCLE HOLDER

2700457



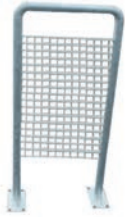
STAINLESS STEEL WIDE WHEEL
BICYCLE HOLDER

25NJ9999901



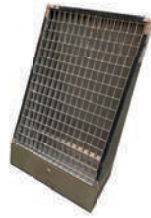
TIRE INFLATION NOZZLE Ø8 mm

200814210



CARPET SHAKER GRID WITH
GALVANIZED STAND

14000002



CARPET SHAKER GRID WITH
STAINLESS STEEL DRAWER

37SPMN



CHAMOIS WRINGER WALL-MOUNTED

37ID0152B



ULKA PUMP (FOR WHEEL CLEANING
AND UPHOLSTERY CLEANING)

Faris Control Box



290000006	FARIS CONTROL BOX
VOLTAGE	12-24 V AC ó 12 V DC
CONSUMPTION	700 mA
PROTECTION GRADE	IP 54
WORKING TEMPERATURE	-15 °C / +50 °C
WORKING HUMIDITY	From 10% to 90% without condensation
ACCEPTED COINS	4 coins and/or tokens + prepayment key (according to model)
DRAWER CAPACITY	Approximately 200 coins (50 cents, 1 and 2 euros)
WEIGHT	20 Kg
HEIGHT	438 mm
WIDTH	335 mm
LENGTH	155 mm

FEATURES

Control boxes for high-pressure washing bays

Made of stainless steel with a reinforced chassis up to 5 mm thick and a high-security locking system with anti-leverage protection, making it a fortified machine

Alarm system fully ready to connect to the facility's alarm control panel

Advanced, easy-to-use control panel that allows you to choose from 1 to 8 washing programs

The system features voice messages that guide the user through the simple payment and program selection process. It can be customized with graphics for any customer.

The possibility of incorporating prepaid systems, coin aspiration, and a pedestal is available.

Manufactured in stainless steel AISI-304L quality (1.4307)

Autonomous operation mode (the box manages the service time), centralized (time managed by PLC) or manual (operation without coins)

Two-point locking system with security padlock and anti-leverage hinge

Protective covers for all electronic components

Fully configurable electronic controller on-site

Multifunction display. Shows remaining time (if desired) in seconds or fractions of time, and when opening the door, it displays the coin count (tamper-proof counter) of the coins inserted.

It has a secondary time that can be activated by an external signal, used to reduce service time during peak hours/days.

"Out of service" mode that disables coin entry in case of breakdown in the car wash center.



High pressure washing module



153040120001	1 WASH BAY HIGH PRESSURE MODULE
VOLTAGE	400 V - 50 Hz R-S-T+N
POWER	2500 W
ANTIFREEZE SYSTEM	Optional
COIN VALIDATOR	With protective cover and interior mechanism with lock
EUROKEY KIT	Optional
WHEEL CLEANER KIT	Optional
LED LIGHTING KIT	Optional
WEIGHT	115 Kg
HEIGHT	1570 mm
WIDTH	592 mm
LENGTH	714 mm



FEATURES

Self-service module dedicated to pre-washing with high-pressure water dosing and low-pressure brush, suitable for all means of transportation

Structure in stainless steel AISI 304

High-pressure pump (100 Bar - 13 l/m) with elastic joint

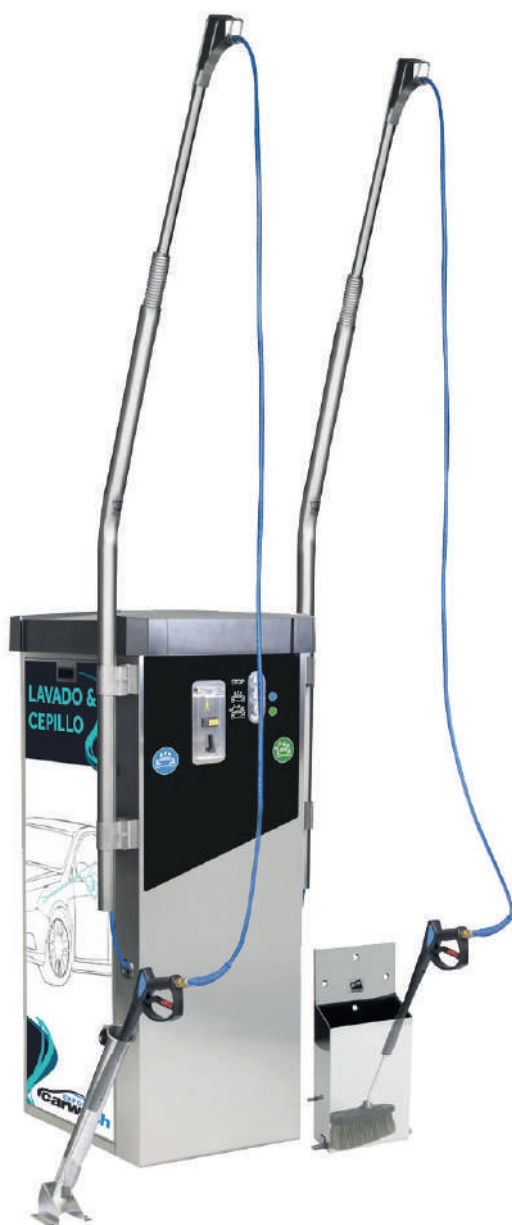
Two-point anti-vandalism closure

UV-resistant ABS housing

Accessible integrated electrical panel and coin validator

Programmable cycle time

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**



High pressure washing module with brush

153040120002	1 WASH BAY HIGH PRESSURE MODULE + BRUSH
VOLTAGE	400 V - 50 Hz R-S-T+N
POWER	2700 W
ANTIFREEZE SYSTEM	Optional
COIN VALIDATOR	With protective cover and interior mechanism with lock
EUROKEY KIT	Optional
WHEEL CLEANER KIT	Optional
LED LIGHTING KIT	Optional
BRUSH HOLDER	Included
WEIGHT	120 Kg
HEIGHT	1570 mm
WIDTH	592 mm
LENGTH	714 mm



FEATURES

Self-service module dedicated to pre-washing with high-pressure water dosing and low-pressure brush, suitable for all means of transportation

Structure in stainless steel AISI 304

High-pressure pump (100 Bar - 13 l/m) with elastic joint

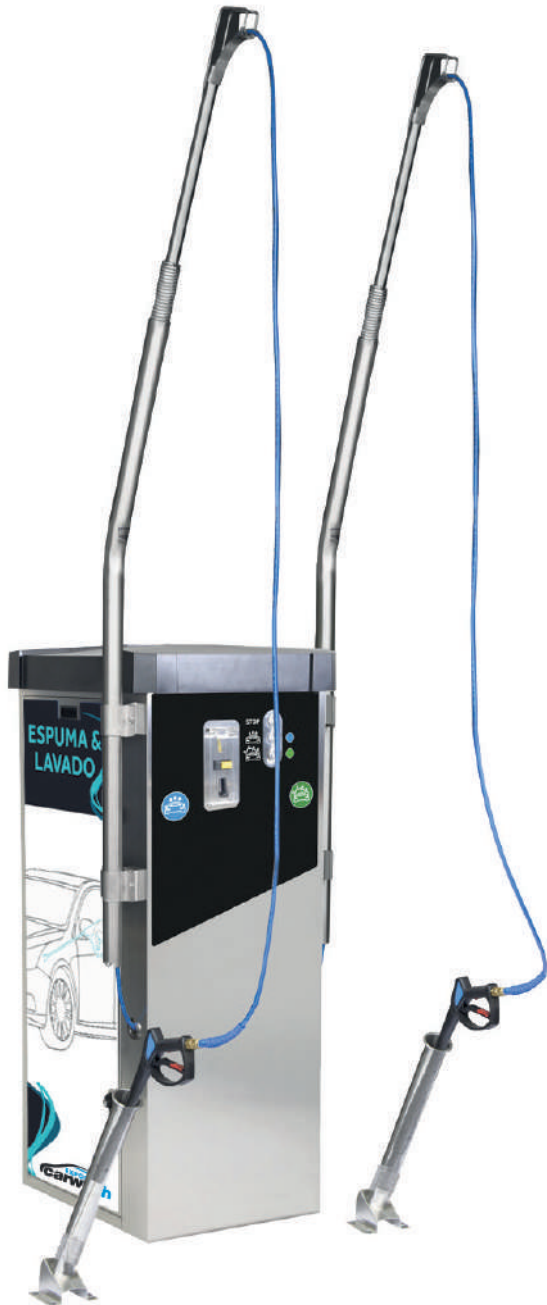
Two-point anti-vandalism closure

UV-resistant ABS housing

Accessible integrated electrical panel and coin validator

Programmable cycle time

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**



High pressure washing module with foam cannon

153040120003	1 WASH BAY HIGH PRESSURE MODULE + FOAM LANCE
VOLTAGE	400 V - 50 Hz R-S-T+N
POWER	4200 W
ANTIFREEZE SYSTEM	Opcional
COIN VALIDATOR	Con tapa protectora y mecanismo interior con candado
EUROKEY KIT	Optional
WHEEL CLEANER KIT	Optional
LED LIGHTING KIT	Optional
WEIGHT	145 Kg
HEIGHT	1570 mm
WIDTH	592 mm
LENGTH	714 mm



FEATURES

Self-service module dedicated to pre-washing with high-pressure water and foam dosing, suitable for all means of transportation.

Structure in stainless steel AISI 304

High-pressure pump (100 Bar - 13 l/m) with elastic joint

Two-point anti-vandalism closure

UV-resistant ABS housing

Accessible integrated electrical panel and coin validator

Programmable cycle time

High pressure foam pump

Dosing pump

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**



Foam cannon module

153040120030	FOAM CANNON MODULE
VOLTAGE	400 V - 50 Hz R-S-T+N
POWER	1800 W
ANTIFREEZE SYSTEM	Optional
COIN VALIDATOR	With protection cover
EUROKEY KIT	Optional
LED LIGHTING KIT	Optional
WEIGHT	65 Kg
HEIGHT	1550 mm
WIDTH	425 mm
LENGTH	420 mm



FEATURES

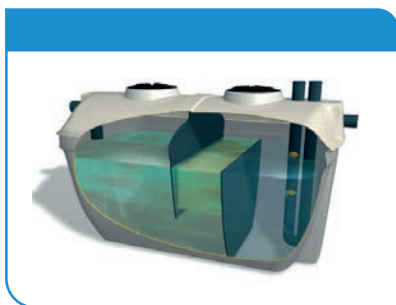
- Structure in stainless steel AISI 304
- High pressure foam pump
- Dosing pump
- Two-point anti-vandalism closure
- UV resistant ABS housing
- Accessible integrated electrical panel and coin validator
- Programmable cycle time

*** CUSTOMIZABLE WITH CUSTOMER'S LOGO**

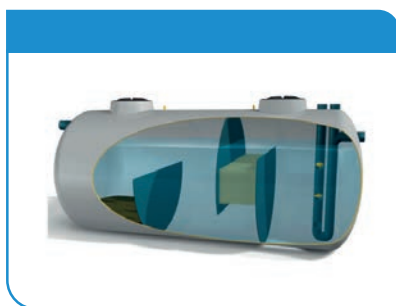


26

HYDROCARBON SEPARATORS



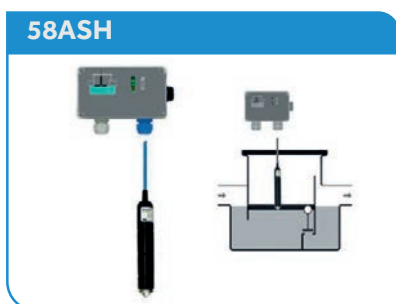
58SH1	HYDROCARBON SEPARATOR 1,5 L/S
58SH3	HYDROCARBON SEPARATOR 3 L/S
58SH6	HYDROCARBON SEPARATOR 6 L/S
58SH8	HYDROCARBON SEPARATOR 8 L/S
58SH10	HYDROCARBON SEPARATOR 10 L/S



58SHD1	HYDROCARBON SEPARATOR 1,5 L/S + DESANDER
58SHD3	HYDROCARBON SEPARATOR 3 L/S + DESANDER
58SHD6	HYDROCARBON SEPARATOR 6 L/S + DESANDER
58SHD8	HYDROCARBON SEPARATOR 8 L/S + DESANDER
58SHD10	HYDROCARBON SEPARATOR 10 L/S + DESANDER



58DES10	DESANDER 1000 L
58DES20	DESANDER 2000 L
58DES30	DESANDER 3000 L
58DES50	DESANDER 4000 L



HYDROCARBON SEPARATOR ALARM

The waters to be treated are collected in the first chamber of the tank, where the settling of heavier solid particles occurs, while lighter liquids rise to the surface. Here, a first separation of hydrocarbons takes place based on density differences.

The water, still loaded with smaller hydrocarbon particles, passes through the filter to enter the second retention chamber.

As it passes through the filter, the small particles join together to form larger particles, increasing their speed and causing a new separation of higher-grade hydrocarbons.

In the second compartment, the hydrocarbon particles that exit the coalescent cell are retained. Here, the automatic blockage outlet pipe is located. The pipe is perforated, allowing the clean water to exit to the exterior.

27

CLEANING HEADS

25.4820.50



SELF PROPELLED CLEANING HEAD
A80R 360° *

25.5200.20



SELF PROPELLED CLEANING HEAD
A42 R2 110° *

81.926



TRL LANCE WITH CLEANING HEAD
Ø150 G3/8" F DEPOSIT CLEANING

26.1440.00



CLEANING HEAD Ø400 mm 40 L/MIN
350 BAR



HOT WATER

81.501	CLEANING HEAD TYR-2S D.75 G1/4" F
81.502	CLEANING HEAD TYR-2S D.75 G3/8" F
81.521	CLEANING HEAD TYR-2S D.150 G1/4" F
81.522	CLEANING HEAD TYR-2S D.150 G3/8" F
81.551	CLEANING HEAD TYR-2S D.300 G1/4" F
81.552	CLEANING HEAD TYR-2S D.300 G3/8" F
81.561	CLEANING HEAD TYR-2S D.400 G1/4" F
81.562	CLEANING HEAD TYR-2S D.400 G3/8" F
81.571	CLEANING HEAD TYR-2S D.500 G1/4" F
81.572	CLEANING HEAD TYR-2S D.500 G3/8" F
81.581	CLEANING HEAD TYR-2S D.600 G1/4" F
81.582	CLEANING HEAD TYR-2S D.600 G3/8" F
81.701	CLEANING HEAD TYR-3S D.75 G1/4" F
81.702	CLEANING HEAD TYR-3S D.75 G3/8" F
81.721	CLEANING HEAD TYR-3S D.150 G1/4" F
81.722	CLEANING HEAD TYR-3S D.150 G3/8" F
81.751	CLEANING HEAD TYR-3S D.300 G1/4" F
81.752	CLEANING HEAD TYR-3S D.300 G3/8" F
81.761	CLEANING HEAD TYR-3S D.400 G1/4" F
81.762	CLEANING HEAD TYR-3S D.400 G3/8" F
81.771	CLEANING HEAD TYR-3S D.500 G1/4" F
81.772	CLEANING HEAD TYR-3S D.500 G3/8" F
81.781	CLEANING HEAD TYR-3S D.600 G1/4" F
81.782	CLEANING HEAD TYR-3S D.600 G3/8" F

COLD WATER

85.501	CLEANING HEAD TRR-2S D.75 G1/4" F
85.502	CLEANING HEAD TRR-2S D.75 G3/8" F
85.521	CLEANING HEAD TRR-2S D.150 G1/4" F
85.522	CLEANING HEAD TRR-2S D.150 G3/8" F
85.551	CLEANING HEAD TRR-2S D.300 G1/4" F
85.552	CLEANING HEAD TRR-2S D.300 G3/8" F
85.561	CLEANING HEAD TRR-2S D.400 G1/4" F
85.562	CLEANING HEAD TRR-2S D.400 G3/8" F
85.571	CLEANING HEAD TRR-2S D.500 G1/4" F
85.572	CLEANING HEAD TRR-2S D.500 G3/8" F
85.581	CLEANING HEAD TRR-2S D.600 G1/4" F
85.582	CLEANING HEAD TRR-2S D.600 G3/8" F
85.701	CLEANING HEAD TRR-3S D.75 G1/4" F
85.702	CLEANING HEAD TRR-3S D.75 G3/8" F
85.721	CLEANING HEAD TRR-3S D.150 G1/4" F
85.722	CLEANING HEAD TRR-3S D.150 G3/8" F
85.751	CLEANING HEAD TRR-3S D.300 G1/4" F
85.752	CLEANING HEAD TRR-3S D.300 G3/8" F
85.761	CLEANING HEAD TRR-3S D.400 G1/4" F
85.762	CLEANING HEAD TRR-3S D.400 G3/8" F
85.771	CLEANING HEAD TRR-3S D.500 G1/4" F
85.772	CLEANING HEAD TRR-3S D.500 G3/8" F
85.781	CLEANING HEAD TRR-3S D.600 G1/4" F
85.782	CLEANING HEAD TRR-3S D.600 G3/8" F

** TYR-2s Y TRR-2s two lateral exits (adjustables)
TYR-3s Y TRR-3s two lateral exits (adjustables) and one exit on the front

* SPECIFY FLOW RATE AND WORKING PRESSURE

28

SURFACE CLEANERS

78.222



MOSMATIC SURFACE CLEANER
UNIVERSAL FL-ER Ø300

80.607



MOSMATIC HURRICANE PRO HURP
Ø520

80.751



MOSMATIC COMMERCIAL SURFACE
CLEANER FL-CR Ø520

78.602



MOSMATIC FLIP Ø300

80.606



MOSMATIC FLIP Ø520

78.243



MOSMATIC AQUA SURFACE CLEANER
FL-SAR Ø300

80.769



MOSMATIC AQUA PRO FL-SAR Ø520

29.102



GUM REMOVER NOZZLE, 90° G1/4F"
SIZE #3. 350 BAR


mosmatic 



mosmatic 

HIGH PRESSURE EQUIPMENT

for the professional



Steaminator ø 300

NEW Aqua

Universal ø 300

NEW Allrounder ø 410

Gum Remover ø 520



TRL Lance



Mosmatic HP Guns

iRex / Rex Turbo Nozzles



Hurricane Pro Z

NEW

Steaminator ø 300

- 4-5 times quicker than using a lance
- Equipment for steam cleaner

Aqua

- Integrated Recovery
- Temperatures up to 120°C

Universal ø 300

- For many different surfaces applicable
- Available in various designs

Allrounder ø 410

- With fluid recovery system
- Ready to use

Gum Remover ø 520

- Solid and profitable cleaning
- Gum remover nozzle available

TRL Lance

- Clean tanks, plastic containers, trash cans
- Complete solution with ergonomic design

Mosmatic HP Guns

- Ergonomically molded
- Low Trigger Force Technology

iRex / Rex Turbo Nozzles

- Cut cleaning time half
- Wider coverage with a 0° spray

Hurricane Pro Z

- Effective and efficient undercarriage cleaning
- Application: Cars, trucks, construction site equipment and agricultural vehicles
- Second Gun for low pressure and applications with chemistry
- 6 different cleaning angles

 **swiss quality**

Mosmatic AG
CH-9126 Necker | Phone: +41 (0)71 375 64 64 | www.mosmatic.com

Get Social





29

**VARIOUS
CONSUMABLES**

21000002



POLYTEX 500 SERVICES CLOTH COIL

21000001



MULTICLEAN PLUS 500 SERVICES COIL

51000003



TANK CLEANING FOAM GUN

51000001



CYCLONE CLEANING GUN WHITE

26ZX7228



ROTARY STEEL GUN (GUN ONLY)

51000004

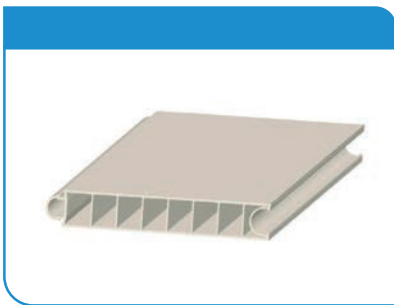


PNEUMATIC ROTARY BRUSH



30

**CAR WASH BRIDGE
ACCESORIES**



CELLULAR POLYCARBONATE PANELS

- 4880902000** WHITE 35X500 mm WASH BAY SEPARATORS PANELS 2000 mm
- 4880902500** WHITE 35X500 mm WASH BAY SEPARATORS PANELS 2500 mm
- 4880902000** WHITE 35X500 mm WASH BAY SEPARATORS PANELS 2000 mm



- 4880112000** WHITE 35X35 U PROFILE (BAR 2000 mm)
- 4880113000** WHITE 35X35 U PROFILE (BAR 3000 mm)



- 2700100** POWER SUPPLY 100W. 24V. DC. 4,4A
- 2720150** POWER SUPPLY 150W. 24V. DC. 6,4A
- 2720200** POWER SUPPLY 200W. 24V. DC. 8,4A



2712346

HIGH BRIGHTNESS 14.4 W/m RGB LED STRIP IP67 (10-METER COIL)






2712349

HIGH BRIGHTNESS 20 W/m LED STRIP IP67 (10-METER COIL) 6000 K

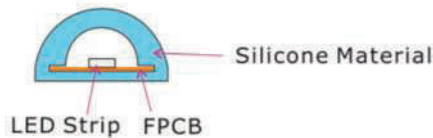
CAR WASH BRIDGE ACCESORIES

Model. chip 2110						
Part number	Color	LED QTY/meter	Lumen/meter	Voltage	Power/meter	packing means
2712349	cold white 6000k	280 led/m	120lm/w	DC24V	19,2w/m	10 meter

...Model chip... 5050 60LED/meter						
Part number	Color	LED QTY/meter	Lumen/meter	Voltage	Power/meter	packing means
2712346	Red 	60	97.2	DC24V	14.4 watt	10 meter
	Green 		243			
	Blue 		64.8			

Features: Technical data

- Available in 24V DC maximum.
- High bright & low power consumption.
- Operating temperature: -20~50°C.
- Long life span LED lights, more than 50,000 hours+.
- Adhesive back, peel & stick!
- Dimmable by using dimmer controller
- Waterproof, IP67.

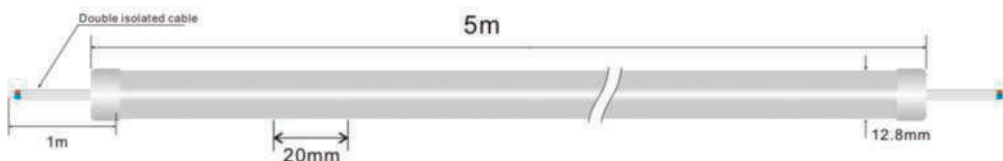


Applications:

10m

Ideal for sign letters and channel letters, concealed lights, room lighting, equipment.

Front View:



Lateral View:





CAR WASH BRIDGE ACCESSORIES

30

31

**CAR WASH ROLLOVER
ACCESSORIES**

31.1 TIMING BELT

2799001



T10 TOOTHED BELT. POLYURETHANE WITH KEVLAR FILAMENTS. 100 m

2799001



FLATBELT 25X2.5. 50 m

31.2 INDUCTIVE SENSORS, PHOTOCELLS AND SOLENOID VALVES

2799002



INDUCTIVE 3/D12. DETECTION 4 mm. CABLE 2 m. FLUSH MOUNTABLE

2799003



INDUCTIVE 3/D30. DETECTION 15 mm. CABLE 10 m. NOT FLUSH MOUNTABLE

2799004



EMITTER PHOTOCCELL 10 mm

2799005



RECEIVER PHOTOCCELL 10 mm

2799006



AMPLIFIER FOR TELCO AND DIELL. CONTROL UNIT. MANUFACTURER DIELL. (URA/00)

2799007



INDUCTIVE 3/D12. DETECTION 8 mm. CABLE 2 m. NOT FLUSH MOUNTABLE

2799008



INDUCTIVE 2/D12. DETECTION 4 mm. CABLE 2 m. NOT FLUSH MOUNTABLE

2799009



INDUCTIVE 3/D18. DETECTION 8 mm. CABLE 5 m. NOT FLUSH MOUNTABLE

2799010



INDUCTIVE 2/D18. DETECTION 8 mm. CABLE 2 m. NOT FLUSH MOUNTABLE

CAR WASH ROLLOVER ACCESSORIES

2799011



INDUCTIVE 2/D30. DETECTION 15 mm.
CABLE 2 m. FLUSH MOUNTABLE

2795953



INDUCTIVE 3/D30. DETECTION 15 mm.
CABLE 2M. FLUSH MOUNTABLE

2788001



INDUCTIVE 3/D30. DETECTION 15 mm.
CABLE 10 m. FLUSH MOUNTABLE

279099



INDUCTIVE 3/D18. DETECTION 8 mm.
CABLE 2 m. FLUSH MOUNTABLE

2707089



INDUCTIVE 3/D18. DETECTION 8 mm.
CABLE 5 m. FLUSH MOUNTABLE

2799012



LONG-RANGE AMPLIFIED RECEIVER
PHOTOCELL

2799013



LONG-RANGE AMPLIFIED EMITTER
PHOTOCELL

2799014



SHORT-RANGE AMPLIFIED RECEIVER
PHOTOCELL

2799015



SHORT-RANGE AMPLIFIED EMITTER
PHOTOCELL

31.3 MOTORS AND REDUCERS

279918



LEFT DRAG REDUCER 30:1
(COMPATIBLE ISTOBAL®)

279919



RIGHT DRAG REDUCER 30:1
(COMPATIBLE ISTOBAL®)

279020



NEW" WHEEL WASHER GEARMOTOR-
WITH WITH LEGS. 0.18KW. 10.36:1
(COMPATIBLE WITH ISTOBAL®)

279921



NEW" WHEEL WASHER GEARMOTOR- WITH WITH FLANGE. 0.18KW. 10.36:1 (COMPATIBLE WITH ISTOBAL®)

279900+278802



GEARMOTOR TRANSTECNO 230/400V 50HZ R13/107. WT 1039 0.55KW SB/DB/ KB 107.3RPM I=11 (COMPATIBLE WITH WASHTEC®)

279900+279901



GEARMOTOR TRANSTECNO 230/400V 50HZ R11/127. WT 1039 0.55KW SB/DB/ KB 127.3RPM I=11 (COMPATIBLE WITH ISTOBAL®)

279900



COMPACT MOTOR 0.55KW. 230/400V. 50HZ. S1

279901



GEARMOTOR 127RPM TRANSTECNO

278802



GEARMOTOR 107RPM TRANSTECNO

2701010



STAINLESS-STEEL BRUSH SHAFT (ORIGINAL ISTOBAL®) WITH WASHTEC®)

2799029



DRIVE WHEEL (ORIGINAL ISTOBAL®)

2799030



FREE WHEEL (ORIGINAL ISTOBAL®)

2721874



DOUBLE-ACTING CYLINDER D32 32X400 mm FOR WHEEL WASH (COMPATIBLE WITH ISTOBAL) 2187400

2790032



DOUBLE-ACTING CYLINDER D63 63X20 mm. INCLINATION OF VERTICAL BRUSHES (COMPATIBLE WITH ISTOBAL)

2706061



INTERMEDIATE FLANGE COUPLING (ORIGINAL ISTOBAL®)

2799032



0.12KW. 1500 RPM. 230/400V MOTOR. WITHOUT VENTILATION

2799034



0.18KW. 1500 RPM. 230/400V MOTOR. WITHOUT VENTILATION

279935



0.37KW. 1500 RPM. 230/400V TRACTION MOTOR. WITHOUT VENTILATION. TO DRAG ISTOBAL ROLLERS

CAR WASH ROLLOVER ACCESSORIES

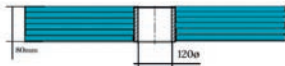
2799438



0,18KW. 1500 RPM. 230/400V MOTOR.
WITHOUT VENTILATION. IP66 FOR
ISTOBAL WHEEL WASHER

31.4 ISTOBAL BRUSH SETS

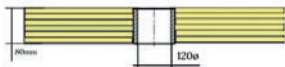
Model 900Ø



Model 900Ø



Model 1000Ø



Model 1000Ø



27D900AZ-I	BRUSH FOAMCARLET Ø900 LIGHT BLUE
27D900AZO-I	BRUSH FOAMCARLET Ø900 DARK BLUE
27D900NE-I	BRUSH FOAMCARLET Ø900 BLACK
27D900GR-I	BRUSH FOAMCARLET Ø900 GREY
27D900AM-I	BRUSH FOAMCARLET Ø900 YELLOW
27D900RO-I	BRUSH FOAMCARLET Ø900 RED
27D900VEO-I	BRUSH FOAMCARLET Ø900 GREEN DARK
27D900VE-I	BRUSH FOAMCARLET Ø900 LIGHT GREEN
27D900NA-I	BRUSH FOAMCARLET Ø900 ORANGE
27D1000AZ-I	BRUSH FOAMCARLET Ø1000 LIGHT BLUE
27D1000AZO-I	BRUSH FOAMCARLET Ø1000 DARK BLUE
27D1000NE-I	BRUSH FOAMCARLET Ø1000 BLACK
27D1000GR-I	BRUSH FOAMCARLET Ø1000 GREY
27D1000AM-I	BRUSH FOAMCARLET Ø1000 YELLOW
27D1000RO-I	BRUSH FOAMCARLET Ø1000 RED
27D1000VEO-I	BRUSH FOAMCARLET Ø1000 GREEN DARK
27D1000VEO-I	BRUSH FOAMCARLET Ø1000 LIGHT GREEN
27D1000NA-I	BRUSH FOAMCARLET Ø1000 ORANGE

31.5 WASHTEC BRUSH SETS

Model 1000Ø



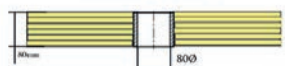
Model 1000Ø



Model 1000Ø

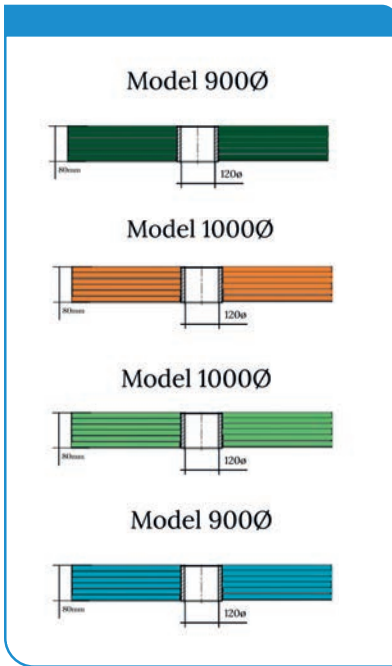


Model 1000Ø

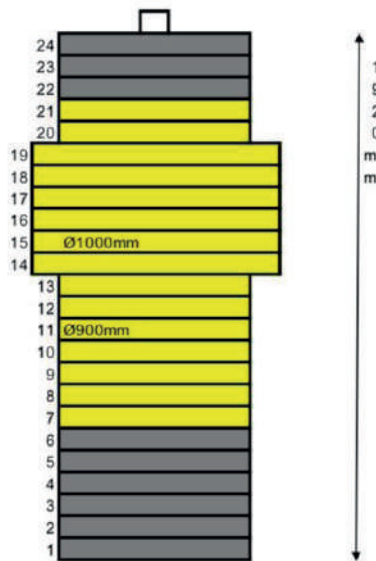
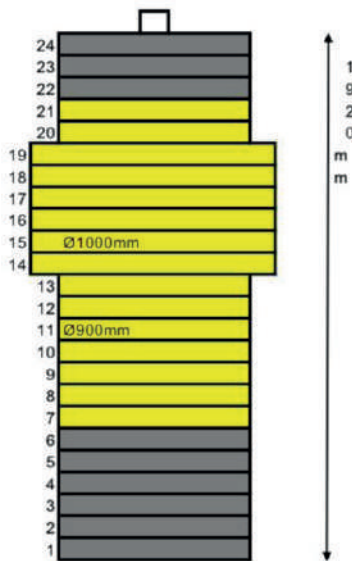
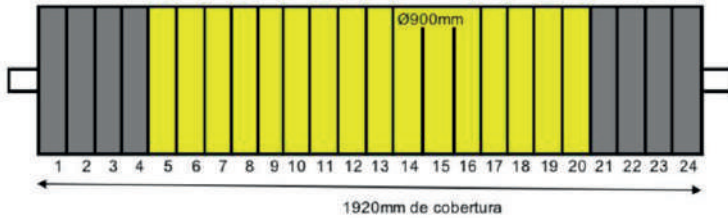


27D1000AZ-W	BRUSH FOAMCARLET Ø1000 LIGHT BLUE
27D1000AZO-W	BRUSH FOAMCARLET Ø1000 DARK BLUE
27D1000NE-W	BRUSH FOAMCARLET Ø1000 BLACK
27D1000GR-W	BRUSH FOAMCARLET Ø1000 GREY
27D1000AM-W	BRUSH FOAMCARLET Ø1000 YELLOW
27D1000RO-W	BRUSH FOAMCARLET Ø1000 RED
27D1000VEO-W	BRUSH FOAMCARLET Ø1000 GREEN DARK
27D1000VE-W	BRUSH FOAMCARLET Ø1000 LIGHT GREEN
27D1000NA-W	BRUSH FOAMCARLET Ø1000 ORANGE

31.6 CECCATO, AQUARAMA, AUTOEQUIP, KÄRCHER BRUSH SETS



27D900AZ	BRUSH FOAMCARLET Ø900 LIGHT BLUE
27D900AZO	BRUSH FOAMCARLET Ø900 DARK BLUE
27D900NE	BRUSH FOAMCARLET Ø900 BLACK
27D900GR	BRUSH FOAMCARLET Ø900 GREY
27D900AM	BRUSH FOAMCARLET Ø900 YELLOW
27D900RO	BRUSH FOAMCARLET Ø900 RED
27D900VEO	BRUSH FOAMCARLET Ø900 GREEN DARK
27D900VE	BRUSH FOAMCARLET Ø900 LIGHT GREEN
27D900NA	BRUSH FOAMCARLET Ø900 ORANGE
27D1000AZ	BRUSH FOAMCARLET Ø1000 LIGHT BLUE
27D1000AZO	BRUSH FOAMCARLET Ø1000 DARK BLUE
27D1000NE	BRUSH FOAMCARLET Ø1000 BLACK
27D1000GR	BRUSH FOAMCARLET Ø1000 GREY
27D1000AM	BRUSH FOAMCARLET Ø1000 YELLOW
27D1000RO	BRUSH FOAMCARLET Ø1000 RED
27D1000VEO	BRUSH FOAMCARLET Ø1000 GREEN DARK
27D1000VE	BRUSH FOAMCARLET Ø1000 LIGHT GREEN
27D1000NA	BRUSH FOAMCARLET Ø1000 ORANGE



BRUSH COLOR SAMPLE



SPAIN BRUSH MANUFACTURING LEADER FOR MAIN BRANDS



31.7 BRUSH

2700543



WHEEL BRUSH Ø45 cm.
POLYETHYLENE. BLACK

31.8 CAR WASH ROLLOVERS NOZZLES



2700065	PVDF NOZZLE 1/8 3 BAR 3,06 L/MIN. 45°
2700066	PVDF NOZZLE 1/4 3 BAR 3,86 L/MIN. 60°
2700067	PVDF NOZZLE 1/4 3 BAR 19,6 L/MIN. 90°

32

**PUMP'S EXPLODED
VIEW**

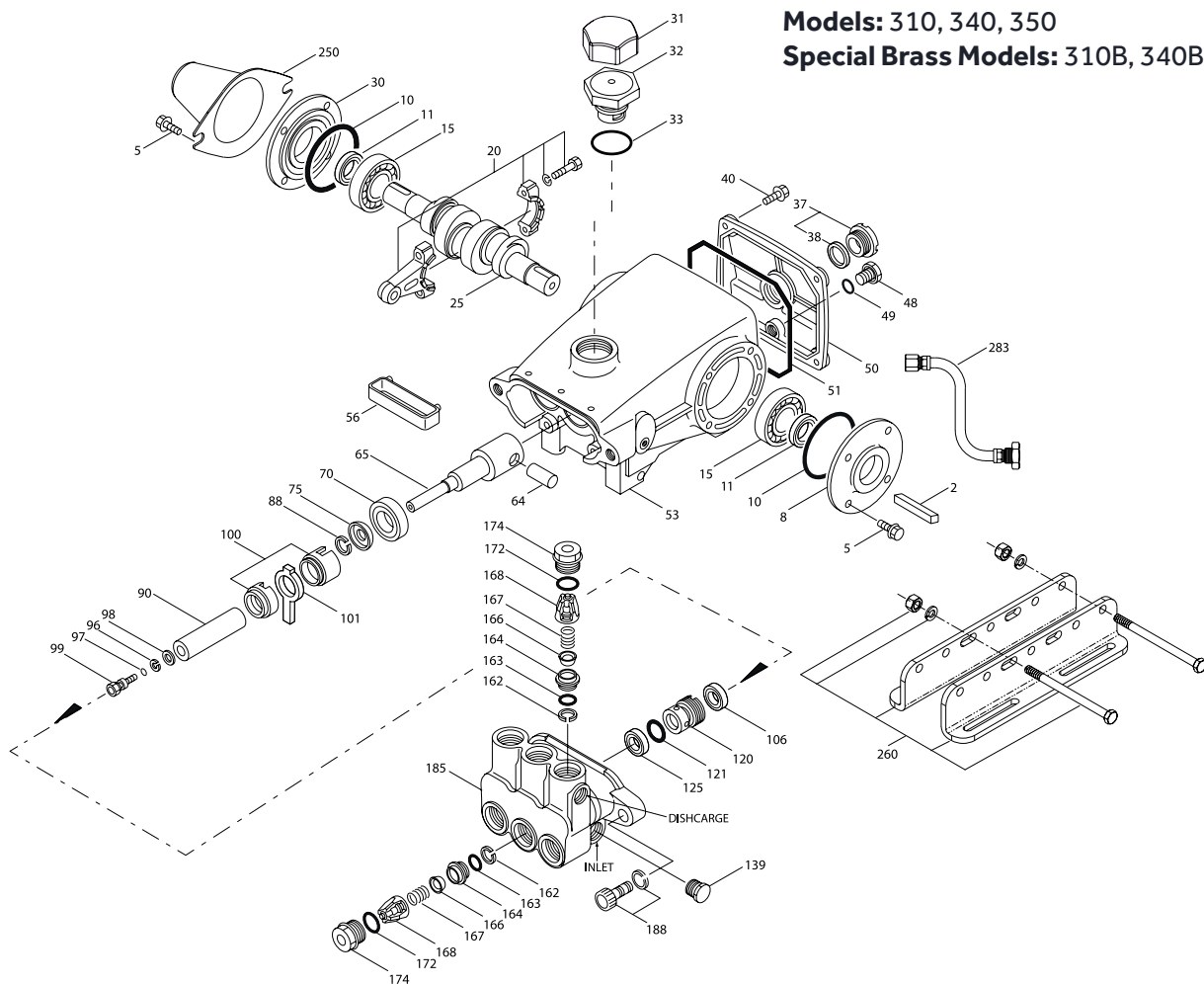
CAT 350	148
CAT 5CP	150
CAT 3CP	152
INTERPUMP WS82	154
INTERPUMP WS151	155
INTERPUMP WS201	156
INTERPUMP WS202	157
INTERPUMP W130	158
HAWK NMT1220 - 1520 - 2120	160
HAWK NMT 1520 ECOBRAS	162

PUMP'S EXPLODED VIEW

32.1 CAT 350

Models: 310, 340, 350

Special Brass Models: 310B, 340B, 350B



ITEM	PART NUMBERS		DESCRIPTION		QTY	
	310, 340 350	MATL	310B, 340B 350B	MATL		
2	30057	STL	30057	STL	Key (M6x6x25)	1
5	125824	STCP R	125824	STCP R	Screw, HHC, Sems (M6x16)	8
8	43344	AL	43344	AL	Cover, Bearing	2/1/2
10	43343	NBR	43343	NBR	O-Ring, Bearing Cover - 70D	2
11	43222	NBR	43222	NBR	Seal, Oil, Crankshaft	2/1/2
15	14480	STL	14480	STL	Bearing, Ball	2
20	45883	HS	45883	HS	Rod, Connecting Assy [09/05]	3
25	43342	FCM	43342	FCM	Crankshaft, Dual End - M18, 310, 310B	1
	44945	FCM	44945	FCM	Crankshaft, Single End - M10, 340, 340B	1
	43838	FCM	43838	FCM	Crankshaft, Dual End - M12, 350, 350B	1
30	44949	AL	44949	AL	Cover, Blind Shaft - 340, 340B	1
31	828710	—	828710	—	Protector, Oil Cap w/Foam Gasket	1
32	43211	ABS	43211	ABS	Cap, Oil Filler	1
33	14177	NBR	14177	NBR	O-Ring, Filler Cap - 70D	1
37	92241	—	92241	—	Gauge, Oil, Bubble w/Gasket	1
38	44428	NBR	44428	NBR	Gasket, Flat, Oil Gauge - 80D	1
40	126541	STCP R	126541	STCP R	Screw, HHC, Sems (M6x20)	4
48	25625	STCP	25625	STCP	Plug, Drain (1/4"x19 BSP)	1
49	23170	NBR	23170	NBR	O-Ring, Drain Plug - 70D	1
50	48772	AL	48772	AL	Cover, Rear [10/01] (See Tech Bulletin 090)	1
51	48773	NBR	48773	NBR	O-Ring, Rear Cover [10/01] (See Tech Bulletin 090)	1
53	48769	AL	48769	AL	Crankcase [05/02] (See Tech Bulletin 090)	1
56	43355	POP	43355	POP	Pan, Oil	1
64	43351	CM	43351	CM	Pin, Crosshead	3
65	43365	ZZCP	43365	ZZCP	Rod, Plunger	3
70	43228	NBR	43228	NBR	Seal, Oil, Crankcase	3
75	43328	S	43328	S	Slinger, Barrier	3

ITEM	PART NUMBERS				DESCRIPTION	QTY
	310, 340 350	MATL	310B, 340B 350B	MATL		
88	45697	S	45697	S	Washer, Keyhole (M18 x 10)	3
90	43367	CC	43367	CC	Plunger (M20x72)	3
96	43235	PTFE	43235	PTFE	Back-up-Ring, Plunger Retainer	3
97	17399	NBR	17399	NBR	O-Ring, Plunger Retainer - 80D	3
	14160	FPM	14160	FPM	O-Ring, Plunger Retainer - 80D	3
	◆ 46204	EPDM	◆ 46204	EPDM	O-Ring, Plunger Retainer - 70D	3
98	45891	CU	45891	CU	Gasket	3
99	104360	S	104360	S	Retainer, Plunger w/Stud	3
100	45688	PVDF	45688	PVDF	Retainer, Seal, 2-Pc [04/06] (See Tech Bulletin 105)	3
101	43302	—	43302	—	Wick, Long Tab	3
106	43305	NBR	43305	NBR	Seal, LPS w/S-Spg	3
	45153	FPM	45153	FPM	Seal, LPS w/SS-Spg	3
	◆ 48429	EPDM	◆ 48429	EPDM	Seal, LPS w/SS-Spg	3
	76305	ST2	76305	ST2	Seal, LPS w/S-Spg	3
120	45679	BB	45679	BB	Case, Seal	3
121	14200	NBR	14200	NBR	O-Ring, Seal Case - 70D	3
	11719	FPM	11719	FPM	O-Ring, Seal Case	3
	◆ 48907	EPDM	◆ 48907	EPDM	O-Ring, Seal Case	3
125	43307	SNG	43307	SNG	Seal, HPS w/S	3
	44936	FPM	44936	FPM	Seal, HPS w/SS	3
	46667	HT	46667	HT	Seal, HPS "Hi-Temp", 2-Pc w/S-Support	3
139	22179	BBCP	22179	BBCP	Plug, Inlet [1/2" NPT(M)]	1
162	48361	D	48361	D	Back-up-Ring, Seat	6
163	43358	NBR	43358	NBR	O-Ring, Seat - 70D	6
	44938	FPM	44938	FPM	O-Ring, Seat - 70D	6
	◆ 48908	EPDM	◆ 48908	EPDM	O-Ring, Seat	6
164	43725	S	43725	S	Seat	6
166	43723	S	43723	S	Valve	6
167	43750	S	43750	S	Spring, Valve	6
168	44565	PVDF	44565	PVDF	Retainer, Valve Spring	6
172	17615	NBR	17615	NBR	O-Ring, Valve Plug - 75D	6
	15855	FPM	15855	FPM	O-Ring, Valve Plug - 70D	6
	◆ 48431	EPDM	◆ 48431	EPDM	O-Ring, Valve Plug - 75D	6
174	43849	BBCP	43849	BBCP	Plug, Valve	6
185	44837	BBCP	49721	SBCP	Head, Manifold	1
188	126520	STCP R	126520	STCP R	Screw, HSH, Sems (M10x35)	2
250	118672	STCP	118672	STCP	Protector, Shaft (Belt Drive Only)	1
255	30243	STZP	30243	STZP	Mount, Direct (Belt Drive Only)	1
260	30611	STZP	30611	STZP	Mounting, Angle Rail (Belt Drive Only)	1
265	30659	—	30659	—	Mount, Assy (Incls: 30611, 30633, 118672) (Belt Drive Only)	1
270	30633	STL	30633	STL	Assy, Pulley & Key (Incls: 30058, 30057) (Belt Drive Only)	1
275	30944	STL	30944	STL	Assy, Hub & Key (Incls: 30057, 30945) (Belt Drive Only)	1
283	34334	—	34334	—	Kit, Oil Drain (3/8" x 24") (See Individual Data Sheet)	1
	76334	—	76334	—	Kit, Oil Indicator, (3/8" x 24) (See Individual Data Sheet)	1
299	810027	BBCP	818471	SBCP	Head, Complete Standard	1
300	30623	NBR	30623	NBR	Kit, Seal (Incls: 97, 101, 106, 121, 125) Standard	1
	34155	FPM	34155	FPM	Kit, Seal (Incls: 97, 101, 106, 121, 125) .0110	1
	33623	HT	33623	HT	Kit, Seal, "Hi-Temp" (Incls: 97, 101, 106, 121, 125) .3000	1
	◆ 31163	EPDM*	◆ 31163	EPDM*	Kit, Seal (Incls: 97, 101, 106, 121, 125) .0220	1
310	30821	NBR	30821	NBR	Kit, Valve, Preassembled (Incls: 162-164, 166-168, 172) Standard, .3000	2
	31821	FPM	31821	FPM	Kit, Valve, Preassembled (Incls: 162-164, 166-168, 172) .0110	2
	◆ 31162	EPDM	◆ 31162	EPDM	Kit, Valve, Preassembled (Incls: 162-164, 166-168, 172) .0220	2
350	30696	STZP	30696	STZP	Plier, Reverse	1
351	33004	STZP	33004	STZP	Socket, Seal Case (1/2" Drive)	1
—	6107	—	6107	—	Oil, Bottle (21 oz.) ISO-68 Hydraulic (Fill to specified crankcase capacity prior to start-up)	1

Bold print part numbers are unique to a particular pump model. *Italics are optional items.* ◆ Silicone oil/grease required.

R Components comply with RoHS Directive. [] Date of latest production change. *Review individual parts in each kit for material code identification.

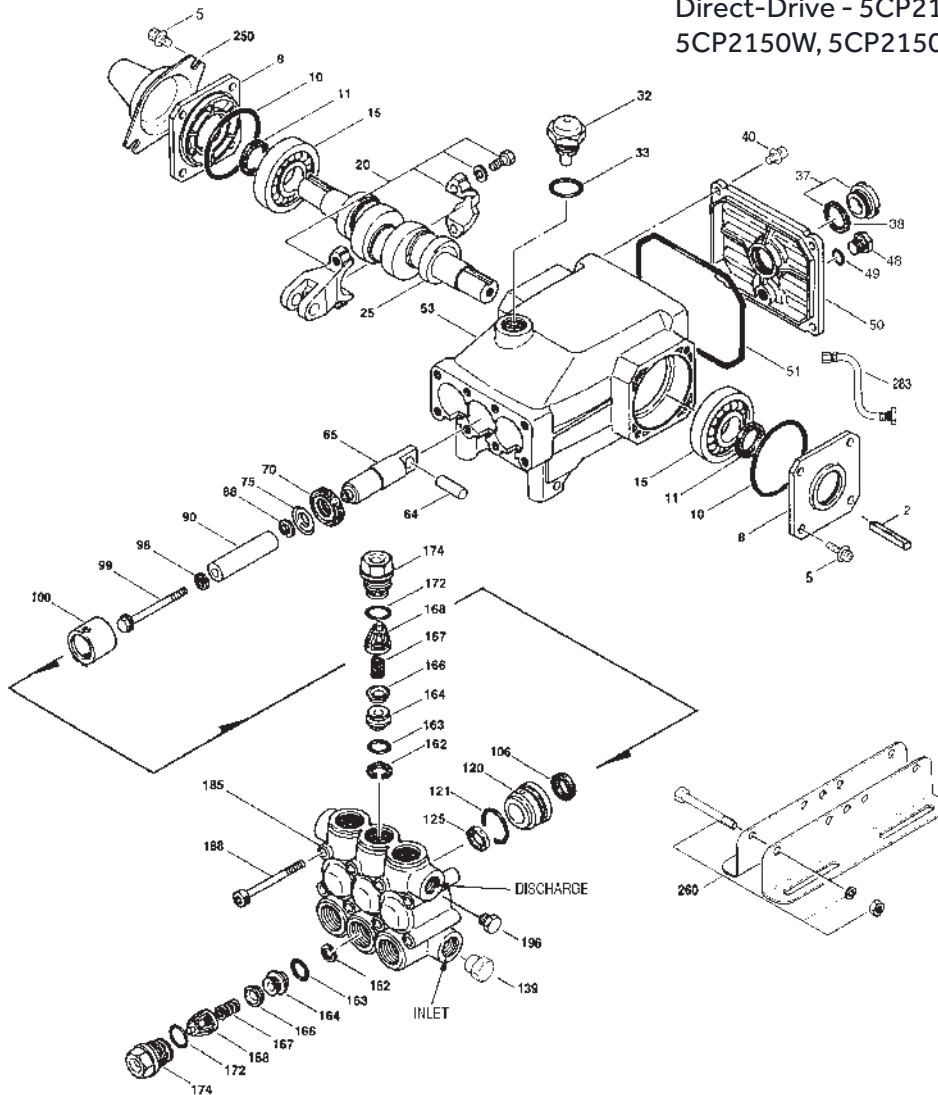
View Tech Bulletins 002, 003, 008, 024, 027, 032, 035, 036, 043, 045, 046, 049, 052, 053, 054, 073, 074, 077, 079, 083, 090, 105 for additional information.

MATERIAL CODES (Not Part of Part Number): ABS=ABS Plastic AL=Aluminum BB=Brass BBCP=Brass/Chrome Plated CC=Ceramic CM=Chrome-moly CU=Copper D=Acetal EPDM=Ethylene Propylene Diene Monomer FCM=Forged Chrome-moly FPM=Fluorocarbon HS=High Strength HT=High Temp (EPDM Alternative) NBR=Medium Nitrile (Buna-N) POP=Polypropylene PTFE=Pure Polytetrafluoroethylene PVDF=Polyvinylidene Fluoride S=304SS SBCP=Special Brass/Chrome Plated SNG=Special Blend (Buna) ST2=Special PTFE 2 STL=Steel STCP=Steel/Chrome Plated STZP=Steel/Zinc Plated ZZCP=Chrome Plated/Steel - Zamak

PUMP'S EXPLODED VIEW

32.2 CAT 5CP

Models: Belt-Drive - 5CP2120W, 5CP2120B,
Direct-Drive - 5CP2140WCS, 5CP2140B,
5CP2150W, 5CP2150B



ITEM	5CP2120W 5CP2120B		PART NUMBER		5CP2140WCS 5CP2140B		5CP2150W 5CP2150B		DESCRIPTION	QTY
	MATL		MATL		MATL		MATL			
2	30057	STL	30057	STL	30057	STL	30057	STL	Key (M6x6x25)	1
5	96031	STZP	96031	STZP	96031	STZP	96031	STZP	Screw, Sems HHC (M8x16)	8
	126542	STCP R	126542	STCP R	126542	STCP R	126542	STCP R	Screw, Sems HHC (M8x16)	8
8	46910	AL	46910	AL	46910	AL	46910	AL	Cover, Bearing	2/1
10	14028	NBR	14028	NBR	14028	NBR	14028	NBR	O-Ring, Bearing Cover - 70D	2
11	43222	NBR	43222	NBR	43222	NBR	43222	NBR	Seal, Oil, Crankshaft - 70D	2
15	14480	STL	14480	STL	14480	STL	14480	STL	Bearing, Ball	2
20	48742	TNM	48742	TNM	48742	TNM	48742	TNM	Rod, Connecting Assy [10/01]	3
25	46928	FCM	—	—	46982	FCM	—	—	Crankshaft, Dual End	1
	—	—	48203	FCM	—	—	—	—	Crankshaft, Single End	1
30	—	—	48224	AL	—	—	—	—	Cover, Bearing Blind	1
32	46798	—	46798	—	46798	—	46798	—	Cap, Oil Filler, Domed	1
33	14179	NBR	14179	NBR	14179	NBR	14179	NBR	O-Ring, Oil Filler Cap - 70D	1
37	92241	—	92241	—	92241	—	92241	—	Gauge, Oil, Bubble w/Gasket - 80D	1
38	44428	NBR	44428	NBR	44428	NBR	44428	NBR	Gasket, Flat, Oil Gauge - 80D	1
40	92519	STZP	92519	STZP	92519	STZP	92519	STZP	Screw, Sems HHC (M6x16)	4
	125824	STCP R	125824	STCP R	125824	STCP R	125824	STCP R	Screw, Sems HHC (M6x16)	4
48	25625	STCP	25625	STCP	25625	STCP	25625	STCP	Plug, Drain (1/4"x19BSP)	1
49	23170	NBR	23170	NBR	23170	NBR	23170	NBR	O-Ring, Drain Plug - 70D	1
50	46940	AL	46940	AL	46940	AL	46940	AL	Cover, Rear	1
51	14044	NBR	14044	NBR	14044	NBR	14044	NBR	O-Ring, Rear Cover	1
53	48617	AL	48617	AL	48617	AL	48617	AL	Crankcase	1
64	46746	CM	46746	CM	46746	CM	46746	CM	Pin, Crosshead	3
65	48458	BBNP	48458	BBNP	48458	BBNP	48458	BBNP	Rod, Plunger	3
70	46838	NBR	46838	NBR	46838	NBR	46838	NBR	Seal, Oil, Crankcase - 70D	3
75	43328	S	43328	S	43328	S	43328	S	Slinger, Barrier	3

ITEM	5CP2120W		PART NUMBER		5CP2150W		DESCRIPTION	QTY
	5CP2120B	MATL	5CP2140WCS	MATL	5CP2150B	MATL		
88	45697	S	45697	S	45697	S	Washer, Keyhole (M18 x 10)	3
90	46841	CC	46841	CC	46841	CC	Plunger (M20x50)	3
98	46730	NBR	46730	NBR	46730	NBR	Washer, Seal - 90D	3
	48394	FPM	48394	FPM	48394	FPM	Washer, Seal - 90D	3
	◆ 48432	EPDM	◆ 48432	EPDM	◆ 48432	EPDM	Washer, Seal	3
99	† 48201	SS	† 48201	SS	† 48201	SS	Retainer, Plunger w/Stud (M6)	3
100	46749	PVDF	46749	PVDF	46749	PVDF	Retainer, Seal	3
106	43305	NBR	43305	NBR	43305	NBR	Seal, LPS w/S-Spg	3
	45153	FPM	45153	FPM	45153	FPM	Seal, LPS w/SS-Spg	3
	◆ 48429	EPDM	◆ 48429	EPDM	◆ 48429	EPDM	Seal, LPS w/SS-Spg	3
	76305	ST	76305	ST	76305	ST	Seal, LPS w/SS-Spg	3
120	46843	BB	46843	BB	46843	BB	Case, Seal (Press-in-style)	3
	49436	BB	49436	BB	49436	BB	Case, Seal (Use w/76305,13978)	3
121	13978	NBR	13978	NBR	13978	NBR	O-Ring, Seal Case - 70D	3
	14329	FPM	14329	FPM	14329	FPM	O-Ring, Seal Case	3
	◆ 48904	EPDM	◆ 48904	EPDM	◆ 48904	EPDM	O-Ring, Seal Case	3
125	43307	SNG	43307	SNG	43307	SNG	Seal, HPS w/S	3
	44936	FPM	44936	FPM	44936	FPM	Seal, HPS w/SS	3
	46667	HT	46667	HT	46667	HT	Seal, HPS 2-Pc w/S-Support	3
139	22179	BBCP	22179	BBCP	22179	BBCP	Plug, Inlet (1/2"NPT)	1
162	48361	D	48361	D	48361	D	Back-up-Ring, Seat	6
163	43358	NBR	43358	NBR	43358	NBR	O-Ring, Seat - 70D	6
	44938	FPM	44938	FPM	44938	FPM	O-Ring, Seat - 70D	6
	◆ 48908	EPDM	◆ 48908	EPDM	◆ 48908	EPDM	O-Ring, Seat	6
164	43725	S	43725	S	43725	S	Seat	6
166	43723	S	43723	S	43723	S	Valve	6
167	43750	S	43750	S	43750	S	Spring	6
168	44565	PVDF	44565	PVDF	44565	PVDF	Retainer, Spring	6
172	17615	NBR	17615	NBR	17615	NBR	O-Ring, Valve Plug - 75D	6
	15855	FPM	15855	FPM	15855	FPM	O-Ring, Valve Plug - 70D	6
	◆ 48431	EPDM	◆ 48431	EPDM	◆ 48431	EPDM	O-Ring, Valve Plug - 75D	6
174	43849	BBCP	43849	BBCP	43849	BBCP	Plug, Valve	6
185	48245	W770	48245	W770	48245	W770	Manifold, Head - W770	1
	49716	SBCP	49716	SBCP	49716	SBCP	Manifold, Head - Special Brass	1
188	126513	STCP R	126513	STCP R	126513	STCP R	Screw, HSH (M8x70)	8
196	22187	BBCP	22187	BBCP	22187	BBCP	Plug, Discharge (3/8"NPT)	1
250	118672	STCP	118672	STCP	118672	STCP	Protector, Shaft	1
255	30243	STZP	30243	STZP	30243	STZP	Mount, Direct (Not Shown)	1
260	30611	STZP R	30611	STZP R	30611	STZP R	Mounting, Angle Rail (Belt Drive Only)	1
	30637	STZP	30637	STZP	30637	STZP	Mount, Angle Assy-Retro Fit (See Tech Bulletin 078)	1
265	30659	—	30659	—	30659	—	Mount, Assy (Incls: 30611, 30633, 118672)	1
275	30944	STL	30944	STL	30944	STL	Assy Hub & Key (Incls: 30057, 30945)	1
283	34334	—	34334	—	34334	—	Kit, Oil Drain (3/8" x 24") (see Individual Data Sht)	1
	76334	—	76334	—	76334	—	Kit, Oil Level Indicator (3/8" x 24") (see Individual Data Sht)	1
298	34970	STZP	34970	STZP	34970	STZP	Clutch, Assy, Single Groove, 20mm, 12VDC	1
	34980	STZP	34980	STZP	34980	STZP	Clutch, Assy, Dual Groove, 20mm, 12VDC	1
299	816650	W770	816650	W770	816650	W770	Head, Complete - W770	1
	818472	SBCP	818472	SBCP	818472	SBCP	Head, Complete - Special Brass	1
300	33628	NBR	33628	NBR	33628	NBR	Kit, Seal (Incls: 98, 106, 121, 125)	1
	31628	FPM	31628	FPM	31628	FPM	Kit, Seal (Incls: 98, 106, 121, 125)	1
	◆ 31648	EPDM*	◆ 31648	EPDM*	◆ 31648	EPDM*	Kit, Seal (Incls: 98, 106, 121, 125)	1
	31638	HT	31638	HT	31638	HT	Kit, Seal (Incls: 98, 106, 121, 125)	1
	76536	STHT	76536	STHT	76536	STHT	Kit, Seal (Incls: 98, 106, 120, 121, 125)	1
310	30821	NBR	30821	NBR	30821	NBR	Kit, Valve, Preassembled (Incls: 162 - 164, 166 - 168, 172)	2
	31821	FPM	31821	FPM	31821	FPM	Kit, Valve, Preassembled (Incls: 162 - 164, 166 - 168, 172)	2
	◆ 31162	EPDM	◆ 31162	EPDM	◆ 31162	EPDM	Kit, Valve, Preassembled (Incls: 162 - 164, 166 - 168, 172)	2
350	30696	STZP	30696	STZP	30696	STZP	Plier, Reverse	1
400	7850	BB	7850	BB	7850	BB	Modular Unloader (See Individual Data Sheet)	1
—	—	—	8026ES-8042ES	—	8026ES-8042ES	—	BD Motors (See Individual Data Sheet)	1
—	6107	—	6107	—	6107	—	Oil, Bottle (21 oz) ISO-68 Hydraulic (Fill to specified crankcase capacity prior to start-up)	1

Bold print part numbers are unique to a particular pump model. *Italics are optional items.* ◆Silicone oil/grease required. = Production parts are different than repair parts.
R Components comply with RoHS Directive. [] Date of latest production change. W770 effective with 97 production.

*Review individual parts in each kit for material code identification.

Review Tech Bulletins 002, 003, 024, 036, 043, 053, 060, 061, 064, 073, 074, 077, 078, 083 and 103 for additional information.

MATERIAL CODES (Not Part of Part Number): AL=Aluminum BB=Brass BBCP=Brass/Chrome Plated BBNP=Brass/Nickel Plated CC=Ceramic CM=Chrome-moly

D=Acetal EPDM=Ethylene Propylene Diene Monomer FBB=Forged Brass FCM=Forged Chrome-moly FPM=Fluorocarbon HS=High Strength

HT=Hi-Temp (EPDM Alternative) NBR=Medium Nitrile (Buna-N) PVDF=Polyvinylidene Fluoride S=304SS SBCP=Special Brass/Chrome Plated SS=316SS SNG=Special Blend (Buna) STL=SteelW770=Special Alloy STHT=Special PTFE High Temp STCP=Steel/Chrome Plated STZP=Steel/Zinc Plated TNM=Special High Strength

PUMP'S EXPLODED VIEW

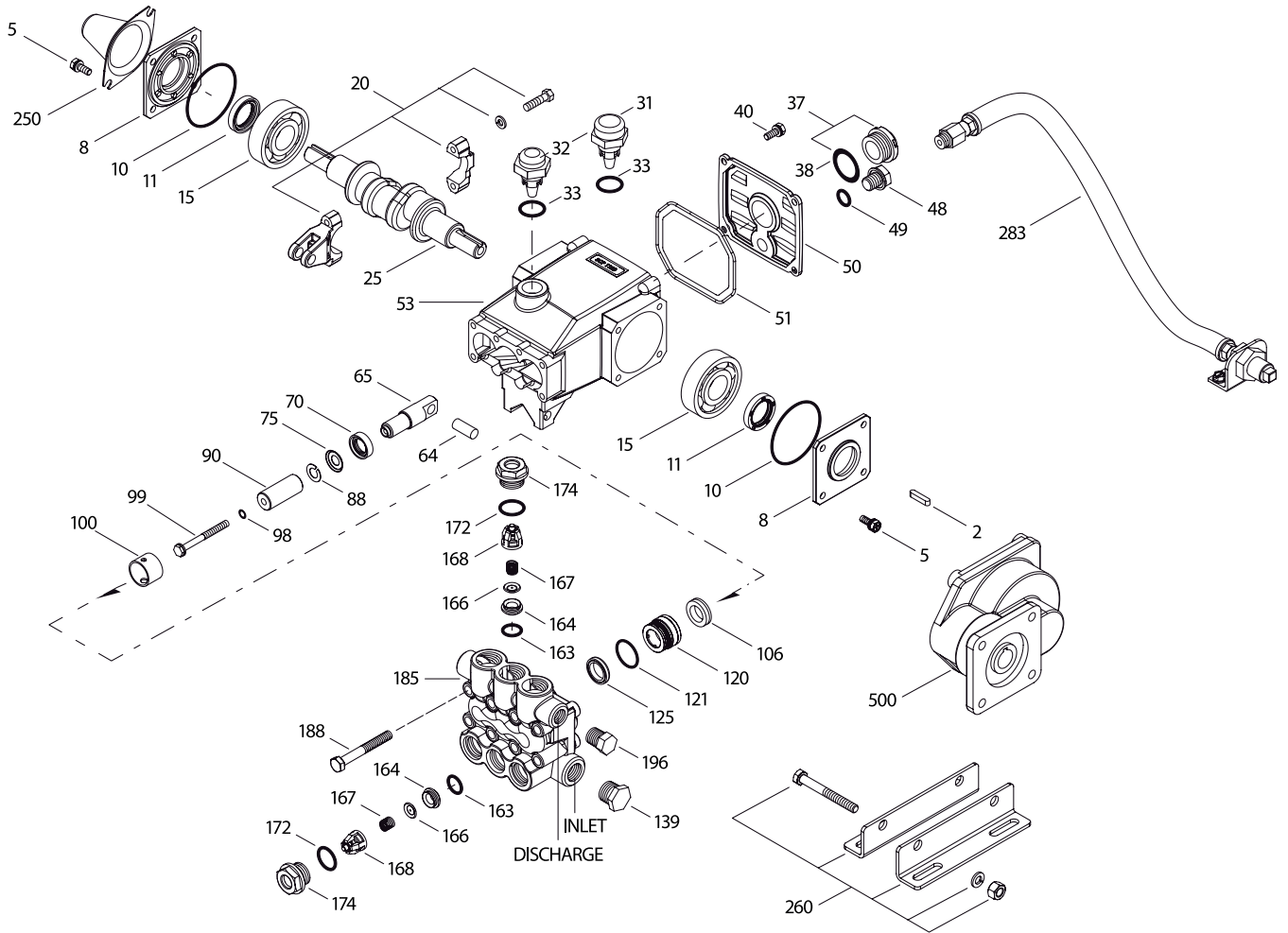
32



PUMP'S EXPLODED VIEW

32.3 CAT 3CP

Models: 3CP1120, 3CP1120G,
3CP1130, 3CP1140



ITEM	PART NUMBER	MATL	DESCRIPTION	QTY
2	30047	STL	Key (M5x5x24)	1
5	92519	STZP	Screw, HHC Sems (M6x16)	8
	125824	STCPR	Screw, HHC Sems (M6x16)	8
8	46901	AL	Cover, Bearing	2
	48259	AL	Cover, Blind - 3CP1120G	1
10	14028	NBR	O-Ring, Bearing Cover - 70D	2
11	43222	NBR	Seal, Oil, Crankshaft - 70D	1/2
15	14480	STL	Bearing, Ball	2
20	48730	TNM	Rod, Connecting, Assembly [5/01]	3
25	46927	FCM	Crankshaft, Dual End - 3CP1120 (M12.7)	1
	46994	FCM	Crankshaft, Dual End - 3CP1130 (M7.3)	1
	46991	FCM	Crankshaft, Dual End - 3CP1140 (M11)	1
	48484	FCM	Crankshaft, Single End - 3CP1140CS, 3CP1140RS, (M11)	1
	48257	FCM	Crankshaft, Single End - 3CP1120G (M12.7)	1
31	127409	—	Cap, Vented w/ O-Ring, (Rain Cap)	1
32	46798	—	Cap, Oil Filler	1
33	14179	NBR	O-Ring, Oil Filler Cap - 70D	1
37	92241	—	Gauge, Oil, Bubble w/Gasket	1
38	44428	NBR	Gasket, Flat, Oil Gauge - 80D	1
40	92519	STZP	Screw, HHC Sems (M6x16)	4
	125824	STCPR	Screw, HHC Sems (M6x16)	4
48	25625	STCP	Plug, Drain (1/4"x19BSP)	1
49	23170	NBR	O-Ring, Drain Plug - 70D	1
50	46939	AL	Cover, Rear	1
51	14041	NBR	O-Ring, Rear Cover - 70D	1
53	48644	AL	Crankcase	1

ITEM	PART NUMBER	MATL	DESCRIPTION	QTY
70	46839	NBR	Seal, Oil, Crankcase	3
75	43900	S	Slinger, Barrier	3
88	45697	S	Washer, Keyhole (M18 x 10)	3
90	46976	CC	Plunger (M18x43)	3
98	46730	NBR	Washer, Seal - 90D	3
	48394	FPM	Washer, Seal - 90D	3
	◆ 48432	EPDM	Washer, Seal	3
99	† 48201	SS	Retainer, Plunger w/Stud (M6)	3
100	46541	PVDF	Retainer, Seal	3
106	43243	NBR	Seal, LPS w/S-Spg	3
	44926	FPM	Seal, LPS w/SS-Spg	3
	◆ 46651	EPDM	Seal, LPS w/SS-Spg	3
	76243	ST 2	Seal, LPS w/S-Spg	3
120	46625	BB	Case, Seal (See Tech Bulletin #110)	3
121	13976	NBR	O-Ring, Seal Case - 70D	3
	48522	FPM	O-Ring, Seal Case	3
	◆ 48905	EPDM	O-Ring, Seal Case	3
125	43245	SNG	Seal, HPS w/S	3
	44925	FPM	Seal, HPS w/SS	3
	46652	HT	Seal, HPS "Hi-Temp", 2-Pc w/S-Support	3
139	43448	BB	Plug, Inlet [1/2"NPT(F)]	1
163	17547	NBR	O-Ring, Seat - 85D	6
	11685	FPM	O-Ring, Seat - 85D	6
	◆ 46648	EPDM	O-Ring, Seat - 70D	6
164	45790	S	Seat	6
166	43723	S	Valve	6
167	43750	S	Spring	6
168	44565	PVDF	Retainer, Spring	6
172	17615	NBR	O-Ring, Valve Plug - 75D	6
	15855	FPM	O-Ring, Valve Plug - 70D	6
	◆ 48431	EPDM	O-Ring, Valve Plug-75D	6
174	46756	BB	Plug, Valve	6
185	46616	FBB	Manifold, Head	1
188	126512	STCP R	Screw, HSH (M8x65)	8
196	22187	BBCP	Plug, Discharge [3/8"NPT(M)]	1
250	118672	STCP	Protector, Shaft	1
260	30612	STZP	Rail, Angle Assy	1
265	30641	—	Mount, Assy (Incls: 30612, 30032, 30047, 118672)	1
270	30246	STL	Assy, Pulley & Key (Incls: 30032, 30047) (See Tech Bulletin 003)	1
283	34334	—	Kit, Oil Drain (3/8" x 24") (See individual Data Sheet)	1
	76334	—	Kit, Oil Indicator (3/8" x 24") (See individual Data Sheet)	1
299	814841	FBB	Head, Complete w/ NBR Seals and O-Rings	1
300	33983	NBR	Kit, Seal (Incls: 98, 106, 121, 125) Standard	1
	33257	FPM	Kit, Seal (Incls: 98, 106, 121, 125) .0110	1
	◆ 76924	EPDM	Kit, Seal (Incls: 98, 106, 121, 125) .0220	1
	31983	HT	Kit, Seal (Incls: 98, 106, 121, 125) .3000	1
	76526	STHT	Kit, Seal (Incls: 98, 106, 120, 121, 125) Prior to 4/10 .3400	1
	76983	STHT	Kit, Seal (Incls: 98, 106, 121, 125) After 4/10 .3400	1
310	33062	NBR	Kit, Valve (Incls: 163, 164, 166, 167, 168, 172) Standard	2
	33258	FPM	Kit, Valve (Incls: 163, 164, 166, 167, 168, 172) .0110	2
	◆ 76882	EPDM	Kit, Valve (Incls: 163, 164, 166, 167, 168, 172) .0220	2
350	30696	STZP	Plier, Reverse	1
500	8075	—	Gearbox (See Individual Data Sheet)	1
—	6107	—	Oil, Bottle (21 oz.) ISO 68 Hydraulic (Fill to specified crankcase capacity prior to start-up)	1

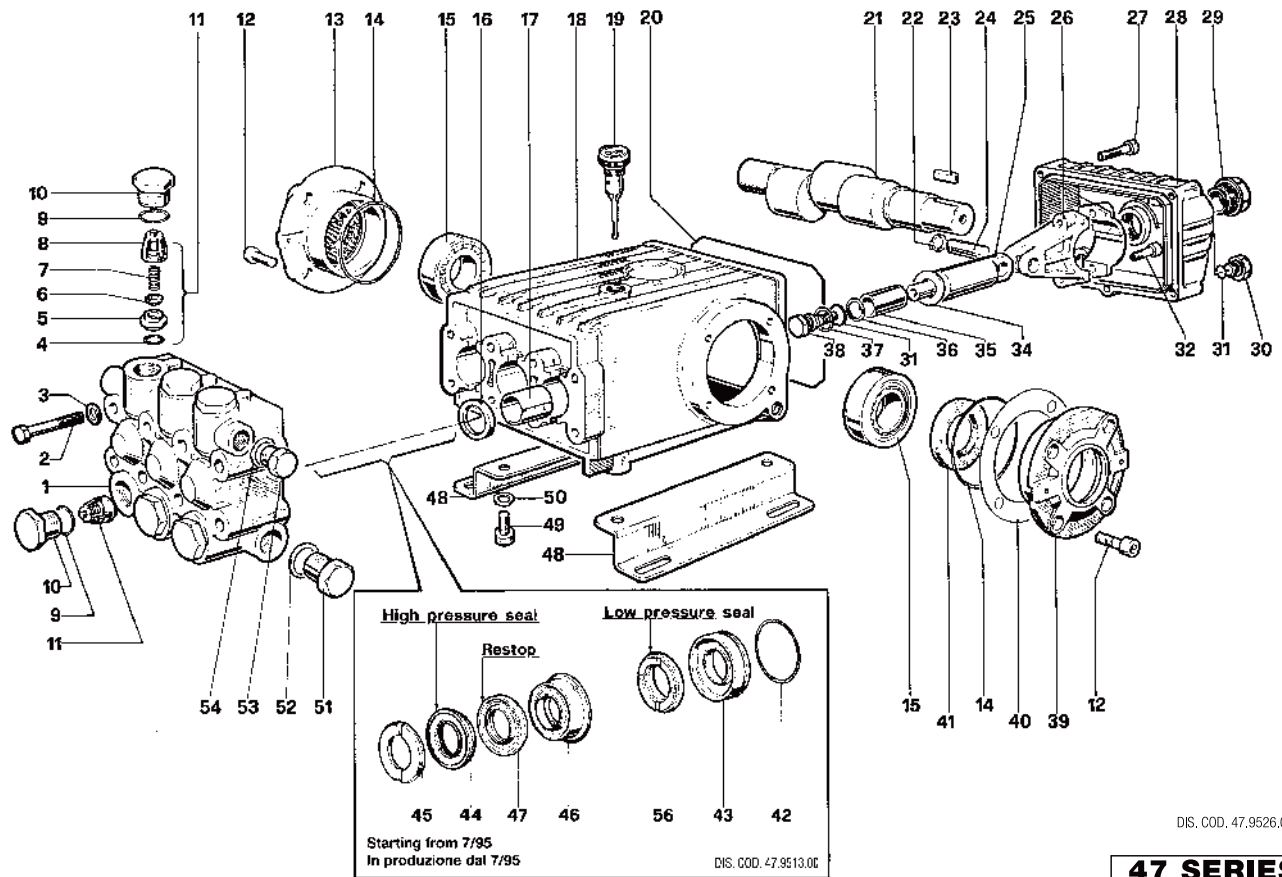
Bold print part numbers are unique to a particular pump model. *Italics are optional items.* ◆ Silicone oil/grease required [] Date of latest production change.
 † Production parts are different than repair parts. R Components comply with RoHS Directive.
 View Tech Bulletins 002, 003, 024, 036, 064, 073, 074, 077, 083, and 110 for additional information.
 For motorized versions see BD motor data sheet. For Gearbox version see 8075 data sheet.

MATERIAL CODES (Not Part of Part Number): AL=Aluminum BB=Brass BBCP=Brass/Chrome Plated BBNP=Brass/Nickel Plated CC=Ceramic CM=Chrome-moly
 EPDM=Ethylene Propylene Diene Monomer FBB=Forged Brass FCM=Forged Chrome-Moly FPM=Fluorocarbon HT=Hi-Temp (EPDM Alternative) NBR=Medium Nitrile (Buna-N)
 PVDF=Polyvinylidene Fluoride S=304SS SNG=Special Blend (Buna) SS=316SS ST2=Special PTFE 2 STHT=Special PTFE High Temp STL=Steel STCP=Steel/Chrome Plated
 STZP=Steel/Zinc Plated TNM=Special High Strength



PUMP'S EXPLODED VIEW

32.4 INTERPUMP WS82



DIS. COD. 47.9526.00

47 SERIES

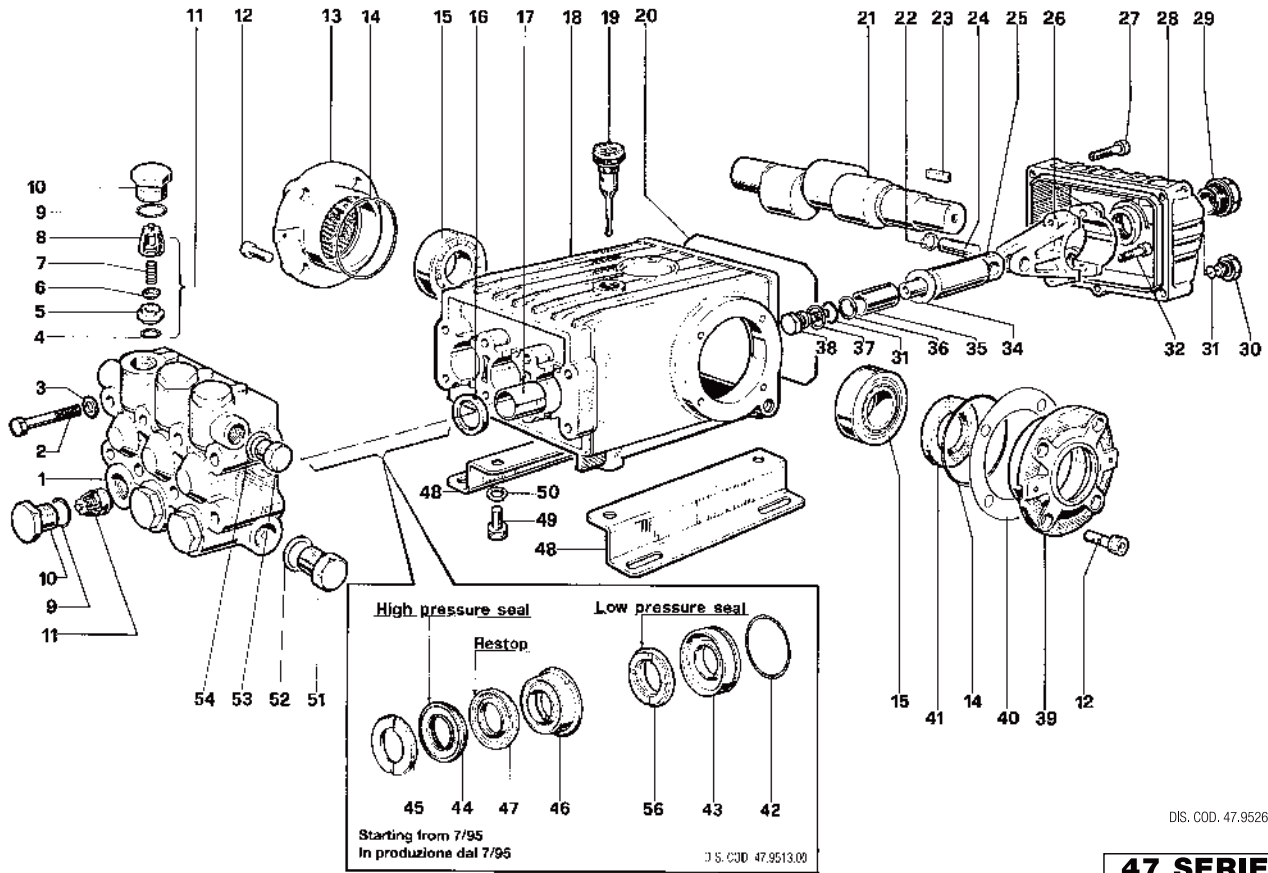
WS82 - WS101
WS133
W912 - W913

KIT N.	KIT 1	KIT 2	KIT 3	KIT 4	KIT 6	KIT 7	KIT 69	KIT 71	KIT 10	KIT 28
Positions Included	4-5-6-7 8-(11)	16	41	9-10	31-34 36-37 38	45	44-47 56	46-47	42-43	42-43 44-45 46-47 56
Posizioni Include										
N. pcs.	6	3	2	6	3	6	3	3	3	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
1	47.1201.41	Testata - OT58 - Brass	1
2	99.3206.00	Vite M8x70 UNI 5737	8
3	96.7020.00	Rosetta Ø 8 UNI 1736	8
4	90.3841.00	OR Ø 17,13x2,62	KIT 1 6
5	36.2003.66	Sede valvola	KIT 1 6
6	36.2001.76	Valvola	KIT 1 6
7	94.7376.00	Molla Ø 9,4x14,8	KIT 1 6
8	36.2002.51	Guida valvola	KIT 1 6
9	90.3847.00	OR Ø 20,24x2,62	KIT 4 6
10	98.2220.00	Tappo M 24x2x16,5	KIT 4 6
11	36.7032.01	Gruppo valvola	KIT 1 6
12	99.3039.00	Vite M8x16 UNI 5931	8
13	47.1501.22	Coperchio carter	1
14	90.3913.00	OR Ø 67,95x2,62	2
15	91.8375.00	Cuscinetto a rulli 32206	2
16	90.1625.00	Anello radiale Ø 22x32x5,5	KIT 2 3
17	90.9126.00	Boccola Ø 22x25x30	3
18	47.0100.22	Carter	1
19	98.2106.00	Tappo carico olio G 3/8	1
20	90.3922.00	OR Ø 133,02x2,62	1
21	47.0203.35	Albero semplice P. di F. WS82	1
	47.0205.35	Albero semplice P. di F. WS101-W912	1
	47.0214.35	Albero semplice P. di F. WS133-W913	1
22	90.0557.00	Anello di fermo	6
23	91.4878.00	Linguetta	1
24	97.7380.00	Spinotto Ø 13x35	3
25	47.0504.54	Guida pistone	3
26	47.0300.01	Biella completa	3
27	99.1837.00	Vite M6x14 UNI 5931	5
28	47.1600.22	Coperchio carter	1
29	97.5968.00	Spia olio G 3/4	1
30	98.2041.00	Tappo G 1/4x9	1

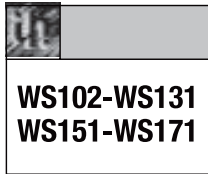
POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
31	90.3585.00	OR Ø 10,82x1,78	KIT 6 4
32	99.3099.00	Vite M8x35 UNI 5931	6
34	96.7286.00	Rosetta Ø 14x28x0,5	KIT 6 3
35	47.0404.09	Pistone Ø 20	3
36	90.5067.00	Anello per OR	KIT 6 3
37	96.7280.00	Rosetta Ø 14x18,5x0,5	KIT 6 3
38	47.2195.66	Vite fissaggio pistone	KIT 6 3
39	47.1500.22	Coperchio carter	1
40	97.5678.00	Spessore	2
41	90.1648.00	Anello radiale Ø 30x55x7	KIT 3 1
42	90.3616.00	OR Ø 34,65x1,78	KIT 10-28 3
43	47.0805.70	Anello di fondo Ø 20	KIT 10-28 3
44	90.2705.00	Anello tenuta Ø 20 H.P. seal	KIT 28-69 3
45	47.1000.51	Anello testa Ø 20	KIT 7-28 3
46	47.2169.70	Anello intermedio Ø 20	KIT 28-71 3
47	90.2704.00	Anello "RESTOP" Ø 20	KIT 28-69-71 3
48	47.2000.74	Piedino	2
49	99.3644.00	Vite M10x18 UNI 5931	4
50	96.7106.00	Rosetta Ø 10 DIN 7980	4
51	98.2176.00	Tappo G 1/2x10	1
52	96.7514.00	Rosetta Ø 21,5x27x1,5	1
53	98.2100.00	Tappo G 3/8x13	1
54	96.7380.00	Rosetta Ø 17,5x23x1,5	1
56	90.2710.00	Anello tenuta Ø 20 L.P. seal	KIT 28-69 3

32.5 INTERPUMP WS151



DIS. COD. 47.9526.00

47 SERIES



WS102-WS131
WS151-WS171

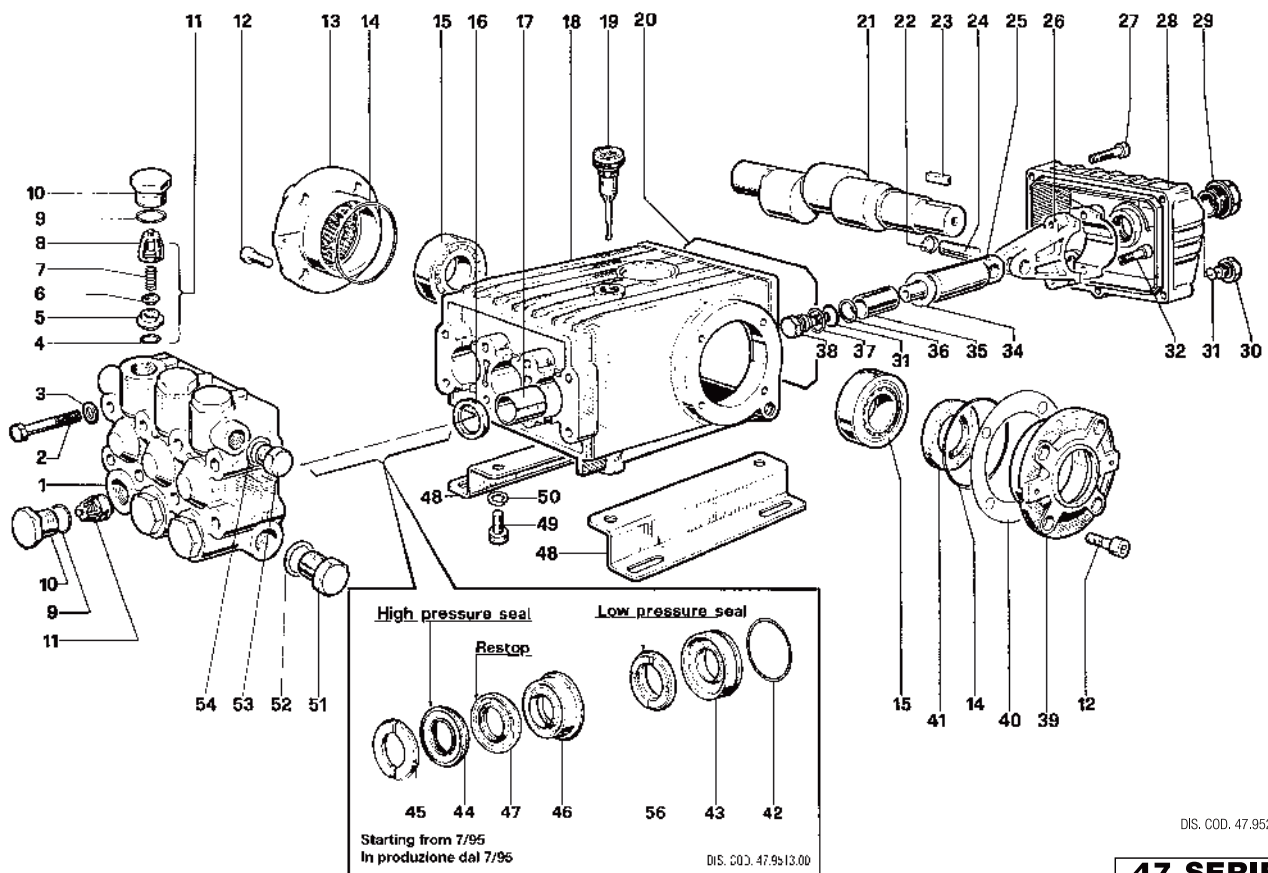
KIT N.	KIT 1	KIT 2	KIT 3	KIT 4	KIT 6	KIT 7	KIT 69	KIT 71	KIT 10	KIT 28
Positions Included	4-5-6-7 8-(11)	16	41	9-10	31-34 36-37 38	45	44-47 56	46-47	42-43	42-43 44-45 46-47 56
Posizioni Include										
N. pcs.	6	3	2	6	3	6	3	3	3	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
1	47.1201.41	Testata - OT58 - Brass	1
2	99.3206.00	Vite M8x70 UNI 5737	8
3	96.7020.00	Rosetta Ø 8 UNI 1736	8
4	90.3841.00	OR Ø 17,13x2,62	KIT 1 6
5	36.2003.66	Sede valvola	KIT 1 6
6	36.2001.76	Valvola	KIT 1 6
7	94.7376.00	Molla Ø 9,4x14,8	KIT 1 6
8	36.2002.51	Guida valvola	KIT 1 6
9	90.3847.00	OR Ø 20,24x2,62	KIT 4 6
10	98.2220.00	Tappo M 24x2x16,5	KIT 4 6
11	36.7032.01	Gruppo valvola	KIT 1 6
12	99.3039.00	Vite M8x16 UNI 5931	8
13	47.1501.22	Coperchio carter	1
14	90.3913.00	OR Ø 67,95x2,62	2
15	91.8375.00	Cuscinetto a rulli 32206	2
16	90.1625.00	Anello radiale Ø 22x32x5,5	KIT 2 3
17	90.9126.00	Boccola Ø 22x25x30	3
18	47.0100.22	Carter	1
19	98.2106.00	Tappo carico olio G 3/8	1
20	90.3922.00	OR Ø 133,02x2,62	1
21	47.0204.35	Albero semplice P. di F. WS102	1
	47.0210.35	Albero semplice P. di F. WS131	1
	47.0206.35	Albero semplice P. di F. WS151	1
	47.0215.35	Albero semplice P. di F. WS171	1
22	90.0557.00	Anello di fermo	6
23	91.4878.00	Linguetta	1
24	97.7380.00	Spinotto Ø 13x35	3
25	47.0505.54	Guida pistone	3
26	47.0300.01	Biella completa	3
27	99.1912.00	Vite M6x30 UNI 5931	5
28	47.1601.22	Coperchio carter	1
29	97.5968.00	Spia olio G 3/4	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
30	98.2041.00	Tappo G 1/4x9	1
31	90.3585.00	OR Ø 10,82x1,78	KIT 6 4
32	99.3099.00	Vite M8x35 UNI 5931	6
34	96.7286.00	Rosetta Ø 14x28x0,5	KIT 6 3
35	47.0404.09	Pistone Ø 20	3
36	90.5067.00	Anello per OR	KIT 6 3
37	96.7280.00	Rosetta Ø 14x18,5x0,5	KIT 6 3
38	47.2195.66	Vite fissaggio pistone	KIT 6 3
39	47.1500.22	Coperchio carter	1
40	97.5678.00	Spessore	2
41	90.1648.00	Anello radiale Ø 30x55x7	KIT 3 1
42	90.3616.00	OR Ø 34,65x1,78	KIT 10-28 3
43	47.0805.70	Anello di fondo Ø 20	KIT 10-28 3
44	90.2705.00	Anello tenuta Ø 20 H.P. seal	KIT 28-69 3
45	47.1000.51	Anello testa Ø 20	KIT 7-28 3
46	47.2169.70	Anello intermedio Ø 20	KIT 28-71 3
47	90.2704.00	Anello "RESTOP" Ø 20	KIT 28-69-71 3
48	47.2000.74	Piedino	2
49	99.3644.00	Vite M10x18 UNI 5931	4
50	96.7106.00	Rosetta Ø 10 DIN 7980	4
51	98.2176.00	Tappo G 1/2x10	1
52	96.7514.00	Rosetta Ø 21,5x27x1,5	1
53	98.2100.00	Tappo G 3/8x13	1
54	96.7380.00	Rosetta Ø 17,5x23x1,5	1
56	90.2710.00	Anello tenuta Ø 20 L.P. seal	KIT 28-69 3

PUMP'S EXPLODED VIEW

32.6 INTERPUMP WS201



DIS. COD. 47.9526.00

47 SERIES

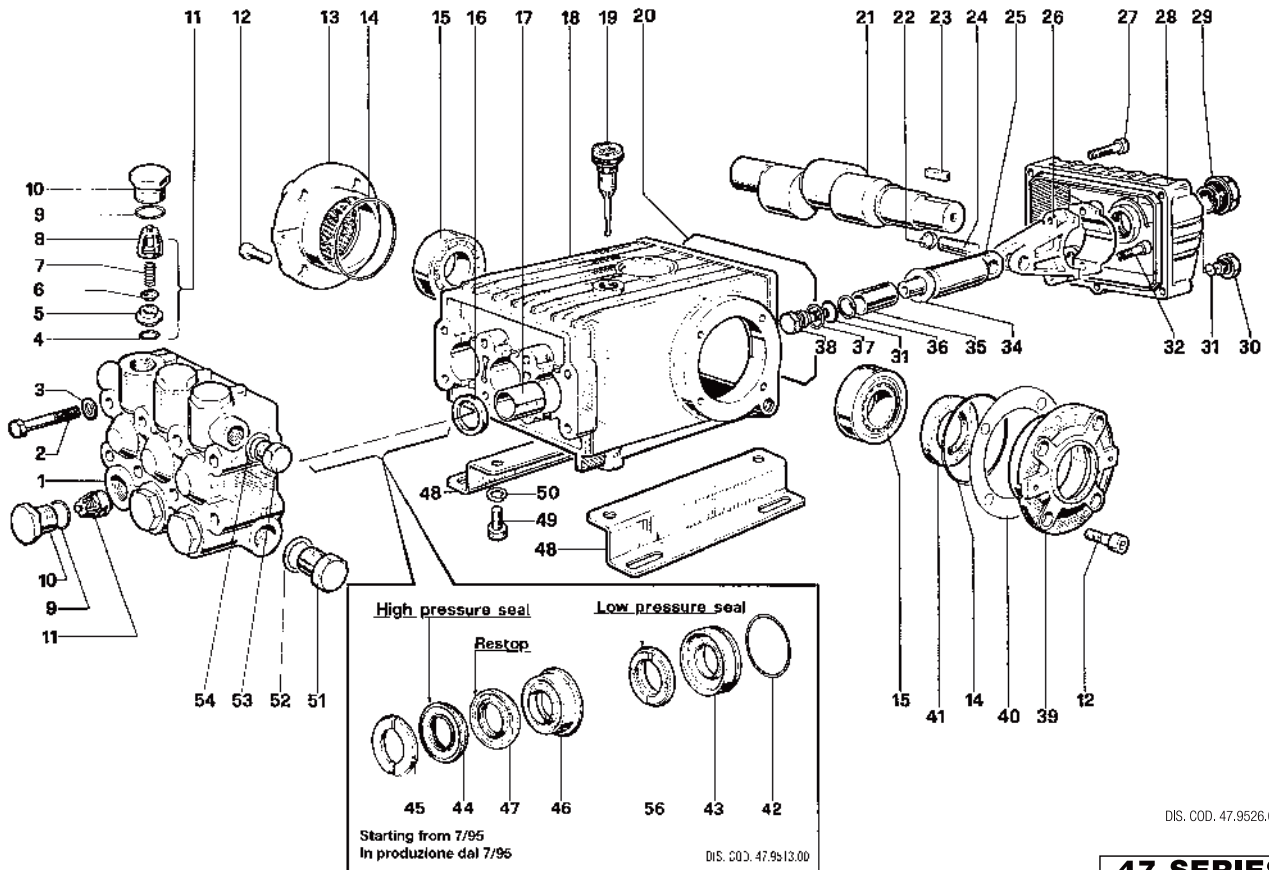
**WS201
W916**

KIT N.	KIT 1	KIT 2	KIT 3	KIT 5	KIT 6	KIT 7	KIT 69	KIT 71	KIT 10	KIT 28
Positions Included Posizioni Incluse	4-5-6-7 8-(11)	16	41	9-10	31-34 36-37 38	45	44-47 56	46-47	42-43	42-43 44-45 46-47 56
N. pcs.	6	3	2	6	3	6	3	3	3	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
1	47.1202.41	Testata Nickel	1
2	99.3206.00	Vite M8x70 UNI 5737	8
3	96.7020.00	Rosetta Ø 8 UNI 1736	8
4	90.3841.00	OR Ø 17,13x2,62	KIT 1 6
5	36.2003.66	Sede valvola	KIT 1 6
6	36.2001.76	Valvola	KIT 1 6
7	94.7376.00	Molla Ø 9,4x14,8	KIT 1 6
8	36.2002.51	Guida valvola	KIT 1 6
9	90.3847.00	OR Ø 20,24x2,62	KIT 5 6
10	98.2222.00	Tappo M 24x2x16,5 spec. NK	KIT 5 6
11	36.7032.01	Gruppo valvola	KIT 1 6
12	99.3039.00	Vite M8x16 UNI 5931	8
13	47.1501.22	Coperchio carter	1
14	90.3913.00	OR Ø 67,95x2,62	2
15	91.8375.00	Cuscinetto a rulli 32206	2
16	90.1625.00	Anello radiale Ø 22x32x5,5	KIT 2 3
17	90.9126.00	Boccola Ø 22x25x30	3
18	47.0100.22	Carter	1
19	98.2106.00	Tappo carico olio G 3/8	1
20	90.3922.00	OR Ø 133,02x2,62	1
21	47.0206.35	Albero semplice P. di F. WS201 - W916	1
22	90.0557.00	Anello di fermo	6
23	91.4878.00	Linguetta	1
24	97.7380.00	Spinotto Ø 13x35	3
25	47.0503.56	Guida pistone	3
26	47.0300.01	Biella completa	3
27	99.1912.00	Vite M6x30 UNI 5931	5
28	47.1601.22	Coperchio carter	1
29	97.5968.00	Spia olio G 3/4	1
30	98.2041.00	Tappo G 1/4x9	1
31	90.3585.00	OR Ø 10,82x1,78	KIT 6 4
32	99.3099.00	Vite M8x35 UNI 5931	4

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
34	96.7286.00	Rosetta Ø 14x28x0,5	KIT 6 3
35	47.0404.09	Pistone Ø 20	3
36	90.5067.00	Anello per OR	KIT 6 3
37	96.7280.00	Rosetta Ø 14x18,5x0,5	KIT 6 3
38	47.2195.66	Vite fissaggio pistone	KIT 6 3
39	47.1500.22	Coperchio carter	1
40	97.5678.00	Spessore	2
41	90.1648.00	Anello radiale Ø 30x55x7	KIT 3 1
42	90.3616.00	OR Ø 34,65x1,78	KIT 10-28 3
43	47.0805.70	Anello di fondo Ø 20	KIT 10-28 3
44	90.2705.00	Anello tenuta Ø 20 H.P. seal	KIT 28-69 3
45	47.1000.51	Anello testa Ø 20	KIT 7-28 3
46	47.2169.70	Anello intermedio Ø 20	KIT 28-71 3
47	90.2704.00	Anello "RESTOP" Ø 20	KIT 28-69-71 3
48	47.2000.74	Piedino	2
49	99.3644.00	Vite M10x18 UNI 5931	4
50	96.7106.00	Rosetta Ø 10 DIN 7980	4
51	98.2176.00	Tappo G 1/2x10	1
52	96.7514.00	Rosetta Ø 21,5x27x1,5	1
53	98.2100.00	Tappo G 3/8x13	1
54	96.7380.00	Rosetta Ø 17,5x23x1,5	1
56	90.2710.00	Anello tenuta Ø 20 L.P. seal	KIT 28-69 3

32.7 INTERPUMP WS202



DIS. COD. 47.9526.00

47 SERIES

**WS152
WS202
W921**

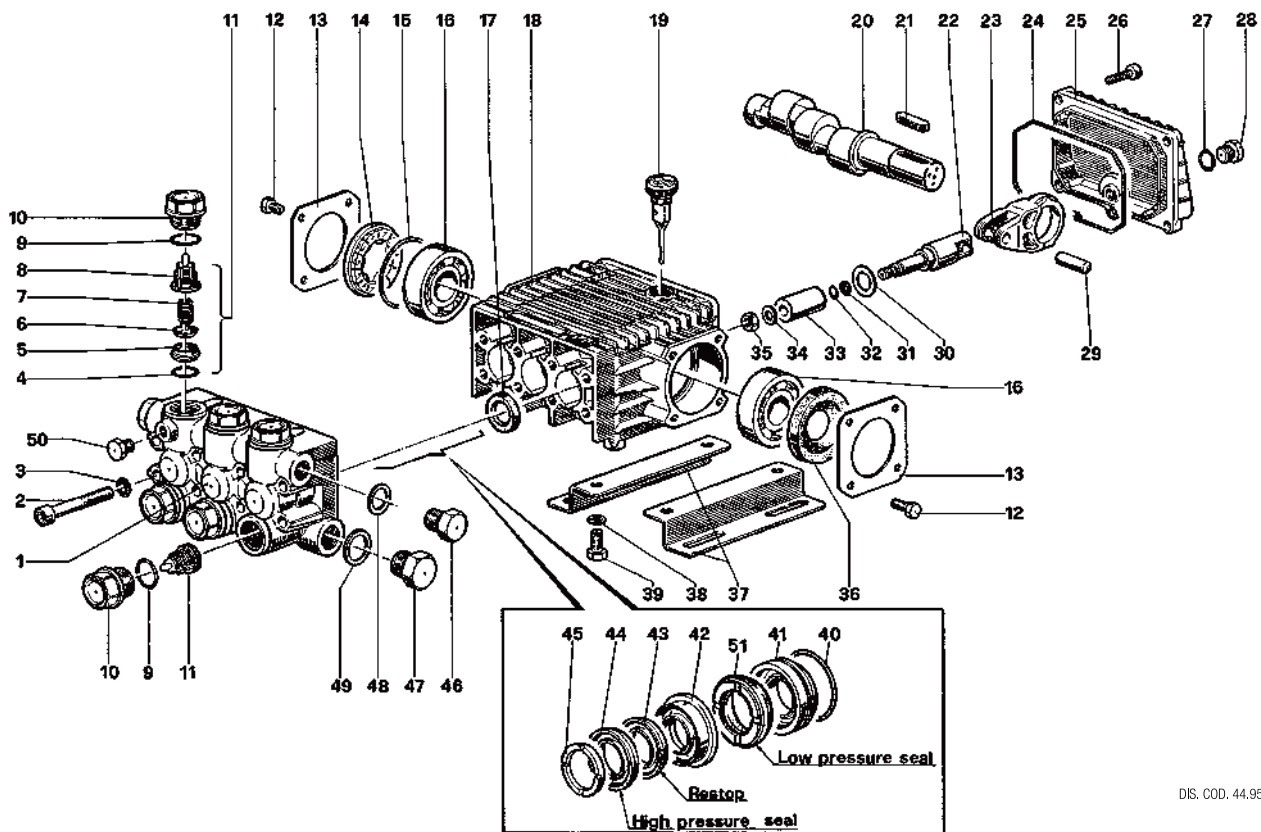
KIT N.	KIT 1	KIT 2	KIT 3	KIT 5	KIT 6	KIT 7	KIT 69	KIT 71	KIT 10	KIT 28
Positions Included	4-5-6-7-8-(11)	16	41	9-10	31-34-36-37-38	45	44-47-56	46-47	42-43	42-43-44-45-46-47-56
Posizioni Include										
N. pcs.	6	3	2	6	3	6	3	3	3	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
1	47.1202.41	Testata Nickel	1
2	99.3206.00	Vite M8x70 UNI 5737	8
3	96.7020.00	Rosetta Ø 8 UNI 1736	8
4	90.3841.00	OR Ø 17,13x2,62	KIT 1 6
5	36.2003.66	Sede valvola	KIT 1 6
6	36.2001.76	Valvola	KIT 1 6
7	94.7376.00	Molla Ø 9,4x14,8	KIT 1 6
8	36.2002.51	Guida valvola	KIT 1 6
9	90.3847.00	OR Ø 20,24x2,62	KIT 5 6
10	98.2222.00	Tappo M 24x2x16,5 spec. NK	KIT 5 6
11	36.7032.01	Gruppo valvola	KIT 1 6
12	99.3039.00	Vite M8x16 UNI 5931	8
13	47.1501.22	Coperchio carter	1
14	90.3913.00	OR Ø 67,95x2,62	2
15	91.8377.00	Cuscinetto a rulli 32206	2
16	90.1625.00	Anello radiale Ø 22x32x5,5	KIT 2 3
17	90.9126.00	Boccola Ø 22x25x30	3
18	47.0102.22	Carter	1
19	98.2106.00	Tappo carico olio G 3/8	1
20	90.3922.00	OR Ø 133,02x2,62	1
21	47.0217.35	Albero semplice P. di F. WS152 - WS202	1
	47.0219.35	Albero semplice P. di F. W921	1
22	90.0557.00	Anello di fermo	6
23	91.4890.00	Linguetta	1
24	97.7380.00	Spinotto Ø 13x35	3
25	47.0503.56	Guida pistone	3
26	47.0300.01	Biella completa	3
27	99.1912.00	Vite M6x30 UNI 5931	5
28	47.1601.22	Coperchio carter	1
29	97.5968.00	Spia olio G 3/4	1
30	98.2041.00	Tappo G 1/4x9	1
31	90.3585.00	OR Ø 10,82x1,78	KIT 6 4

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
32	99.3099.00	Vite M8x35 UNI 5931	6
34	96.7286.00	Rosetta Ø 14x28x0,5	KIT 6 3
35	47.0404.09	Pistone Ø 20	3
36	90.5067.00	Anello per OR	KIT 6 3
37	96.7280.00	Rosetta Ø 14x18,5x0,5	KIT 6 3
38	47.2195.66	Vite fissaggio pistone	KIT 6 3
39	47.1500.22	Coperchio carter	1
40	97.5678.00	Spessore	2
41	90.1648.00	Anello radiale Ø 30x55x7	KIT 3 1
42	90.3616.00	OR Ø 34,65x1,78	KIT 10-28 3
43	47.0805.70	Anello di fondo Ø 20	KIT 10-28 3
44	90.2705.00	Anello tenuta Ø 20 H.P. seal	KIT 28-69 3
45	47.1000.51	Anello testa Ø 20	KIT 7-28 3
46	47.2169.70	Anello intermedio Ø 20	KIT 28-71 3
47	90.2704.00	Anello "RESTOP" Ø 20	KIT 28-69-71 3
48	47.2000.74	Piedino	2
49	99.3644.00	Vite M10x18 UNI 5931	4
50	96.7106.00	Rosetta Ø 10 DIN 7980	4
51	98.2176.00	Tappo G 1/2x10	1
52	96.7514.00	Rosetta Ø 21,5x27x1,5	1
53	98.2100.00	Tappo G 3/8x13	1
54	96.7380.00	Rosetta Ø 17,5x23x1,5	1
56	90.2710.00	Anello tenuta Ø 20 L.P. seal	KIT 28-69 3

PUMP'S EXPLODED VIEW

32.8 INTERPUMP W130



DIS. COD. 44.9504.00

PISTON - PISTONE Ø 15					
MODEL-MODELLO: W130-150-170-950 951-952-953 - WW116-136-156-176 186-189-206-209-960-961-962					

PISTON - PISTONE Ø 18					
MODEL-MODELLO: W97-112-124-140-154-954-955 956-957-958-959					

44 SERIES

STANDARD
VERSION
VERSIONE
STANDARD

M

W97	W154	W954	WW116	WW206
W112	W170	W955	WW136	WW209
W124	W950	W956	WW156	WW960
W130	W951	W957	WW176	WW961
W140	W952	W958	WW186	WW962
W150	W953	W959	WW189	

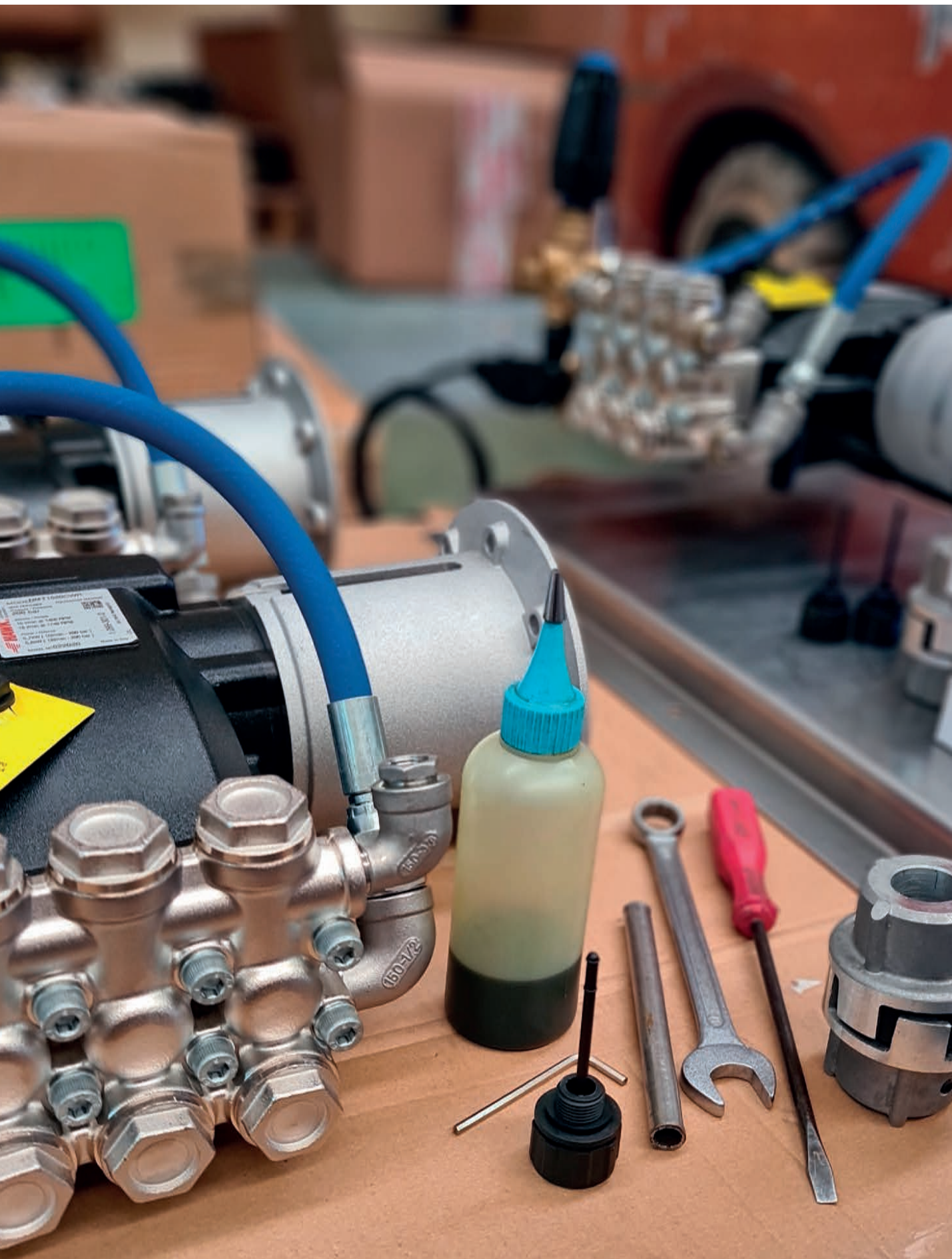
KIT N.	KIT 23	KIT 123	KIT 124
Positions Included	17	4-5-6 7-8 (11)	9-10
Posizioni Include			
N. pcs.	3	6	6

KIT 88	KIT 89	KIT 90	KIT 125	KIT 130
43-44 51	42	45	40-41 42-43 44-45 51	40-41 42-43 44-45 51
3	3	6	3	1

KIT 126	KIT 127	KIT 128	KIT 129	KIT 131
40-41	43-44 51	42	45	40-41 42-43 44-45 51
3	3	3	6	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
1	44.1200.41	Testata pompa (pistone Ø 15)	1
	44.1204.41	Testata pompa (pistone Ø 18)	1
2	99.3175.00	Vite M8x60 UNI 5931	8
3	96.7014.00	Rosetta Ø 8 Schnorr	8
4	90.3841.00	OR Ø 17,13x2,62	KIT 123 6
5	36.2003.66	Sede valvola	KIT 123 6
6	36.2001.76	Valvola	KIT 123 6
7	94.7376.00	Molla Ø 9,4x14,8	KIT 123 6
8	36.2025.51	Guida valvola	KIT 123 6
9	90.3847.00	OR Ø 20,24x2,62	KIT 124 6
10	98.2226.00	Tappo M 24x1,5x17	KIT 124 6
11	36.7115.01	Gruppo valvola	KIT 123 6
12	99.1807.00	Vite M6x10 UNI 5739	8
13	50.1500.74	Coperchio carter	2
14	44.2118.01	Distanziale con indicatore	1
15	90.4097.00	OR Ø 55,56x3,53	1
16	91.8328.00	Cuscinetto a sfere 6305	2
	91.8331.00	Cuscinetto a sfere 6305 Spec. WW206-WW209	2
17	90.1614.00	Anello radiale Ø 20x30x5	KIT 23 3
18	44.0100.22	Carter	1
19	98.2103.00	Tappo carico olio G3/8	1
	44.0200.35	Albero WW186-WW206	1
	44.0203.35	Albero W112-W140-W150-W950-W954-W955 W956-WW116-WW156-WW209	1
20	44.0205.35	Albero WW189	1
	44.0206.35	Albero W97-W124-W130-W154-W170-W951 W952-W953-W957-W958-W959-WW136-WW176	1
21	91.4892.00	Linguetta	1
22	44.0500.66	Guida pistone	3
23	44.0300.22	Biella	3
24	90.3920.00	OR Ø 101,27x2,62	1
25	44.1600.22	Coperchio posteriore	1
26	99.1837.00	Vite M6x14 UNI 5931	5
27	90.3585.00	OR Ø 10,82x1,78	1

POS.	CODE CODICE	DESCRIPTION DESCRIZIONE	N. PCS.
28	98.2041.00	Tappo G1/4x9	1
29	97.7340.00	Spinotto Ø 10x29,5	3
30	96.7350.00	Rosetta Ø 16x27	3
31	90.5022.00	Anello per OR	3
32	90.3572.00	OR Ø 5,28x1,78 - Spec.	3
33	52.0400.09	Pistone Ø 15	3
	44.0401.09	Pistone Ø 18	3
34	44.2115.70	Rosetta Ø 8 con collare	3
35	92.2216.00	Dado M8 - Inox	3
36	90.1641.00	Anello radiale Ø 25x62x10	1
37	50.2000.74	Piedino	2
38	96.7016.00	Rosetta Ø 8 UNI 1751	4
39	99.3037.00	Vite M8x16 UNI 5739	4
40	90.3612.00	OR Ø 31,47x1,78	KIT 125-126-130-131 3
	44.0800.70	Anello di fondo Ø 15	KIT 125-130 3
41	44.0801.70	Anello di fondo Ø 18	KIT 126-131 3
42	52.2166.70	Anello intermedio Ø 15	KIT 89-130 3
	44.2161.70	Anello intermedio Ø 18	KIT 128-131 3
43	90.2622.00	Anello "Restop" Ø 15	KIT 88-130 3
	90.2683.00	Anello "Restop" Ø 18	KIT 127-131 3
44	90.2620.00	Anello di tenuta Ø 15 H.P. seal	KIT 88-130 3
	90.2682.00	Anello di tenuta Ø 18 H.P. seal	KIT 127-131 3
45	51.1000.51	Anello di testa Ø 15	KIT 90-130 3
	44.1001.51	Anello di testa Ø 18	KIT 129-131 3
46	98.2100.00	Tappo G 3/8x13	1
47	98.2176.00	Tappo G 1/2x10	1
48	96.7380.00	Rosetta Ø 17,5x23x1,5	1
49	96.7514.00	Rosetta Ø 21,5x27x1,5	1
50	98.1966.00	Tappo G 1/8x8	1
	90.2617.00	Anello di tenuta Ø 15 L.P. seal	KIT 88-130 3
51	90.2684.00	Anello di tenuta Ø 18 L.P. seal	KIT 127-131 3

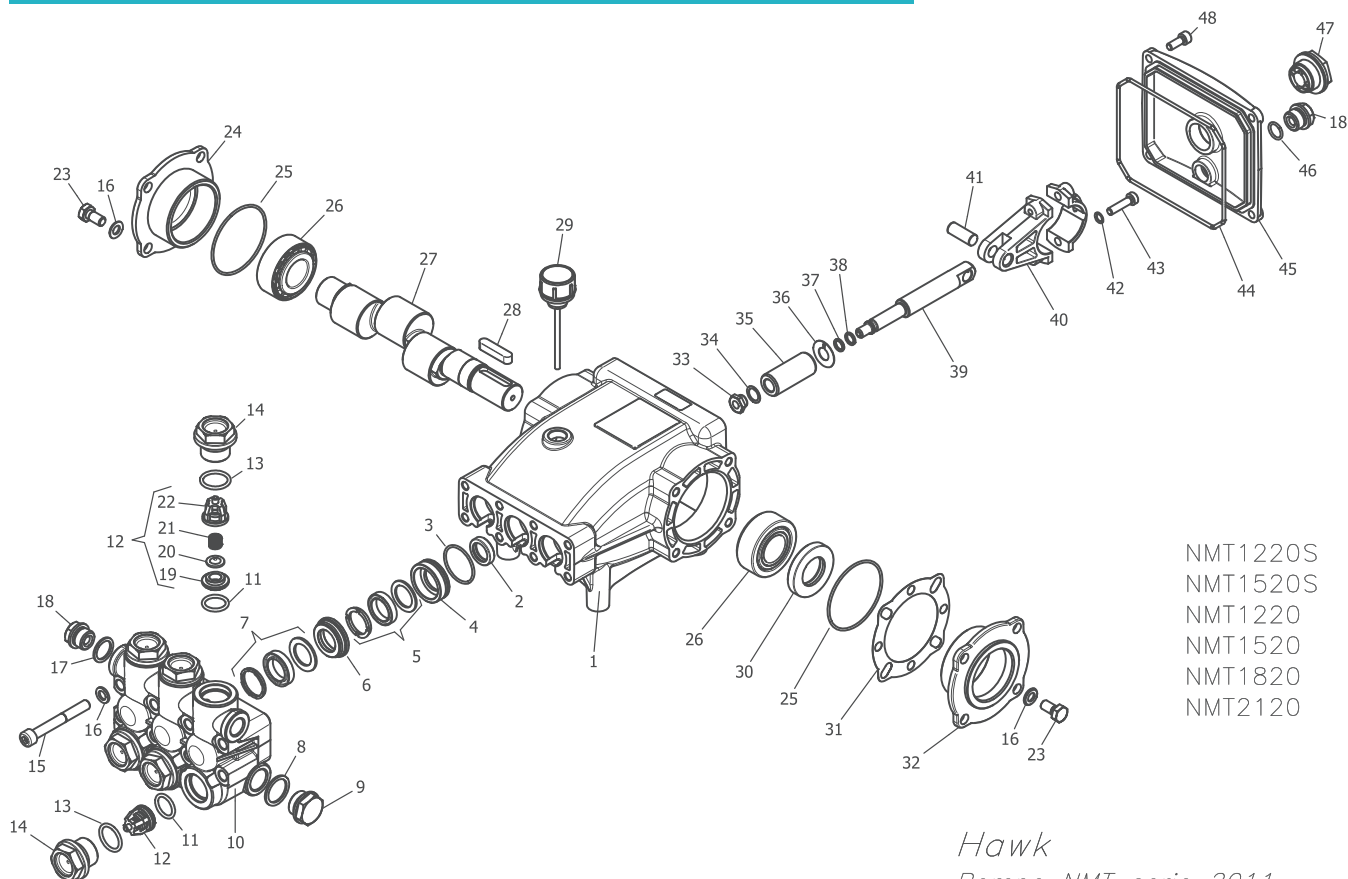


PUMP'S EXPLODED VIEW

32

PUMP'S EXPLODED VIEW

32.9 HAWK NMT1220 - 1520 - 2120



NMT1220S
NMT1520S
NMT1220
NMT1520
NMT1820
NMT2120

Hawk

*Pompe NMT serie 2011
NMT pumps 2011 series*

SPARE PARTS KIT

KIT RICAMBI

Posizioni Item	Part Number and Description	Codice e descrizione	Q.tà per ogni Pompa Q.ty for each Pump	NMT1220SRL	NMT1520SRL	NMT1220RL	NMT1520RL	NMT1820RL	NMT2120RL
3- 5- 7	2600.77 Plunger Seals 20 mm	2600.77 Guarnizioni pistone Ø20	1						
3- 4- 5- 6- 7	2600.78 Complete Seals Packing 20 mm	2600.78 Pacco completo Guarnizioni pistone Ø20	3						
33- 34- 35- 36 37- 38	2601.07 Plunger 20 mm	2601.07 Pistone Ø20	3						
11- 12- 13	2600.08 Complete Valve	2600.08 Valvola completa	6	◆	◆	◆	◆	◆	◆
2	2608.03 Plunger oil Seals	2608.03 Anelli tenuta olio Asta	1						
3- 4- 5- 6- 7- 8 9- 10- 11- 12 13- 14 17- 18	2600.69 Complete Manifold	2600.69 Testata Completa	1						
39- 40- 41- 42 43	3100.13 Connecting Rod-Plunger Rod Assy	3100.13 Premontato Biella-Asta pistone	3						

PARTS LIST

LISTA PARTI

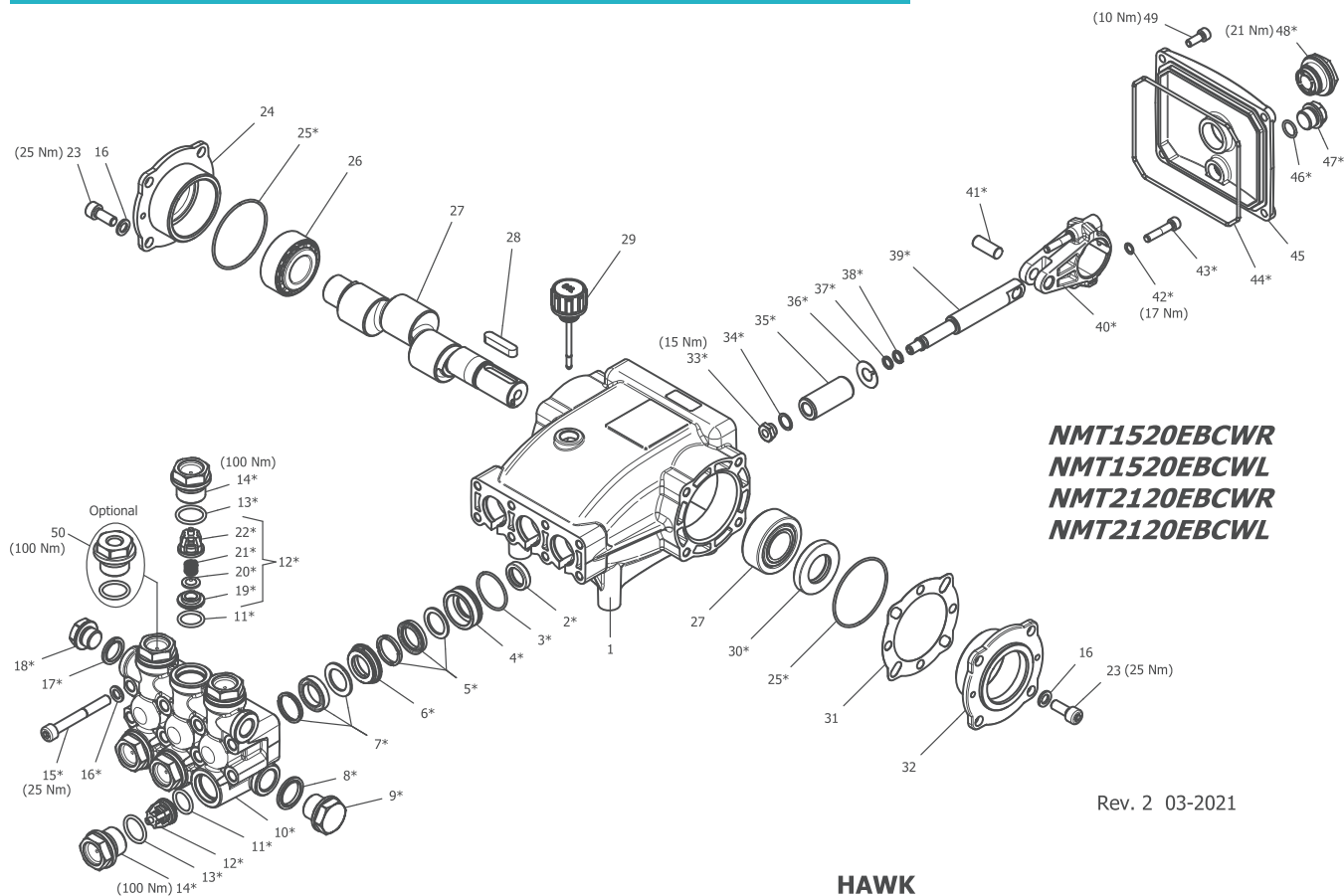
Pos. Item	Codice Part Number	Description	Descrizione	Q.tà per ogni Pompa Q.ty for each Pump	NMT1220SRL	NMT1520SRL	NMT1220RL	NMT1520RL	NMT1820RL	NMT2120RL
1	0202.95	Crankcase	Carter	1						
*2	0001.03	Plunger oil seal	Anello radiale	3						
*3	0601.07	"O" Ring Ø1.78x31.47	"O" Ring Ø1.78x31.47	3						
*4	1201.37	Pressure ring 20mm	Pressore "U" Ø20	3						
*5	0002.52	Low pressure "U" seal, dia.20mm	Anello tenuta "U" Ø20	3						
*6	0300.60	Intermed. ring 20mm	Diffusore Interm. Ø20	3						
*7	0002.60	High pressure "U" seal, dia.20mm	Anello tenuta "U" Ø20	3						
*8	0603.07	Copper washer G1/2	Guarnizione rame	1						
*9	1601.20	Brass plug G1/2	Tappo G1/2	1						
*10	1602.34	Manifold housing	Testata	1						
*11	0601.19	"O" Ring Ø2.62x17.13	"O" Ring Ø2.62x17.13	6						
*12	3604.70	Valve assembly	Valvola premontata	6						
*13	0601.65	"O" Ring Ø2.62x20.29	"O" Ring Ø2.62x20.29	6	◆	◆	◆	◆	◆	◆
*14	1601.30	Valve plug	Tappo valvola	6						
15	1801.03	Manifold stud bolt M8x65 Dacromet	Vite M8x65 Dacromet	8						
16	1400.01	Washer Ø8,5	Rosetta Ø8.5	16						
*17	0603.06	Copper washer G3/8	Guarnizione rame	1						
*18	1601.17	Brass plug G3/8	Tappo G3/8	2						
19	1503.18	Valve seat	Sede valvola	6						
20	1202.00	Valve plate	Piattello valvola	6						
21	0900.30	Valve spring	Molla valvola	6						
22	0604.05	Valve cage	Gabbia valvola	6						
23	1802.03	Hexagonal screw M8x18	Vite M8x18	8						
24	0500.61	Closed bearing housing	Flangia chiusa	1						
25	0601.63	"O" Ring Ø1.78x60.05	"O" Ring Ø1.78x60.05	2						
26	0200.06	Roller bearing 33205	Cuscinetto a rulli 33205	2						
27	0006.17	Single - ended shaft	Albero semplice P.d.F.	1	◆				◆	
	0006.19	" " " "	" " "	1		◆				
	0006.14	" " " "	" " "	1			◆			
	0006.16	" " " "	" " "	1				◆		
	0006.18	" " " "	" " "	1						◆
28	0206.04	Crankshaft key	Chiavetta	1						
29	1600.06	Oil dip stick	Tappo livello olio	1						
30	0001.02	Crankshaft seal	Anello radiale	1						
31	0301.02	Shim	Distanziale	1						
32	0500.60	Bearing housing	Flangia	1						
*33	0302.19	Plunger nut	Dado pistone	3						
*34	1400.12	Copper spacer Ø 11.2/15x0.5	Rosetta rame Ø 11.2/15x0.5	3						
*35	1200.10	Plunger 20mm	Pistone Ø20	3						
*36	1400.15	Copper spacer Ø 11.3/24x0.5	Rosetta rame Ø 11.3/24x0.5	3	◆	◆	◆	◆	◆	◆
*37	0601.03	"O" Ring Ø1.78x7.66	"O" Ring Ø1.78x7.66	3						
*38	0009.04	Teflon ring	Anello antiestrusione	3						
*39	0003.28	Plunger rod	Asta pistone	3						
*40	0100.01	Connecting rod	Biella	3						
*41	1502.06	Connecting rod pin	Spinotto	3						
*42	1401.02	Spring washer Ø6	Rosetta elastica Ø6	6						
*43	1801.05	Connecting rod screw M6x25	Vite M6x25	6						
44	0601.88	"O" Ring Ø 2.62x126.67	"O" Ring Ø 2.62x126.67	1						
45	0203.59	Crankcase cover	Coperchio posteriore	1						
46	0601.14	"O" Ring Ø1.78x14	"O" Ring Ø1.78x14	1						
47	0700.05	Sight glass, G3/4	Spia livello olio G3/4	1						
48	1801.12	Screw M6x16	Vite M6x16	4						

Part available in kit only

* Part available in kit also

PUMP'S EXPLODED VIEW

32.10 HAWK NMT 1520 ECOBRAS



**NMT1520EBCWR
NMT1520EBCWL
NMT2120EBCWR
NMT2120EBCWL**

Rev. 2 03-2021

**HAWK
Pompe NMT EBCW serie 2020
NMT EBCW Pumps 2020 series**

Pump Pompa	Pressure Pressione		Volume Portata				RPM giri/min		Power Potenza			
	bar	PSI	l/min		GPM		50 Hz	60 Hz	HP		kW	
			50 Hz	60 Hz	50 Hz	60 Hz			50 Hz	60 Hz	50 Hz	60 Hz
NMT1520EBCW	200	3000	15.0	18.0	4.0	4.7	1450	1740	7.7	9.2	5.7	6.8
NMT2120EBCW	200	3000	21.0	25.0	5.5	6.6	1450	1740	10.7	12.8	7.9	9.4

PARTS LIST LISTA PARTI

Item Pos	Part Number Codice	Description	Descrizione	KIT	Q.TY Q.TA	NMT1520EBCW	NMT2120EBCW
1	9.851-881.0	RED CRANKCASE	CARTER ROSSO		1		
2*		PLUNGER OIL SEAL FKM	ANELLO RADIALE FKM	E	3		
3*		"O" RING Ø1.78X31.47	"O" RING Ø1.78X31.47	A-C-G	3		
4*		ECOBRASS PRESSURE RING 20MM	PRESSORE "U" Ø20 ECOBRASS	C-G	3		
5*		LOW PRESSURE "U" SEAL, DIA.20MM	ANELLO TENUTA "U" Ø20	A-C-G	3		
6*		ECORASS INTERMED. RING 20MM	DIFFUSORE INTER. Ø20 ECOBRASS	C-G	3	•	•
7*		HIGH PRESSURE "U" SEAL, DIA.20MM	ANELLO TENUTA "U" Ø20	A-C-G	3		
8*		BONDED SEAL G1/2 STAINLESS STEEL	BONDED SEAL G 1/2 INOX	G	1		
9*		PLUG G1/2 STAINLESS STEEL	TAPPO G1/2 INOX	G	1		

PARTS LIST LISTA PARTI

Item Pos	Part Number Codice	Description	Descrizione	KIT	Q.TY Q.TÀ	NMT1520EBCW	NMT2120EBCW
10*		CHROME PLATED MANIFOLD HOUSING	TESTATA CROMATA ECOBRASS	G	1		
11*		"O" RING Ø2.62X17.13	"O" RING Ø2.62X17.13	B-G	6		
12*		VALVE ASSEMBLY	VALVOLA PREMONTATA	B-G	6		
13*		"O" RING Ø2.62X20.29	"O" RING Ø2.62X20.29	B-G-I	6		
14*		CHROMED VALVE PLUG	TAPPO VALVOLA CROMATO	G-I	6	•	•
15*		MANIFOLD STUD BOLT STAINLESS STEEL	VITE TCEI M8X65 INOX A2 70	G	8		
16*		WASHER Ø8,5 STAINLESS STEEL	ROSETTA Ø8.5 INOX	G	16		
17*		BONDED SEAL G3/8 STAINLESS STEEL	BONDED SEAL G 3/8 INOX	G	1		
18*		STAINLESS STEEL PLUG G3/8	TAPPO G3/8 INOX	G	2		
19*		VALVE SEAT	SEDE VALVOLA	B-G	6		
20*		VALVE PLATE	PIATTELLO VALVOLA	B-G	6		
21*		VALVE SPRING	MOLLA VALVOLA	B-G	6		
22*		VALVE CAGE	GABBIA VALVOLA	B-G	6		
23	9.851-476.0	HEX SOCKET SCREW M8X20 STAINLESS STEEL	VITE TCEI M8X20 INOX A2 70		8		
24	9.850-639.0	RED CLOSED BEARING HOUSING	FLANGIA CHIUSA RED		1		
25*		"O" RING Ø1.78X60.05	"O" RING Ø1.78X60.05	F	2		
26	9.850-349.0	ROLLER BEARING 33205	CUSCINETTO A RULLI 33205		2		
27	9.850-177.0	SINGLE - ENDED SHAFT	ALBERO SEMPLICE P.D.F.		1	•	
	9.850-179.0	SINGLE - ENDED SHAFT	ALBERO SEMPLICE P.D.F.		1		•
28	9.850-446.0	CRANKSHAFT KEY	CHIAVETTA		1		
29	9.851-286.0	OIL DIP STICK	TAPPO LIVELLO OLIO		1		
30*		CRANKSHAFT SEAL	ANELLO RADIALE	F	1		
31	9.850-547.0	SHIM	DISTANZIALE		1		
32	9.850-638.0	RED BEARING HOUSING	FLANGIA ROSSA		1	•	•
33*		PLUNGER NUT STAINLESS STEEL	DADO PISTONE INOX	D-H	3		
34*		SPACER Ø 11.2/15X0.5 STAINLESS STEEL	ROSETTA Ø 1.2/15X0.5 INOX	D-H	3		
35*		PLUNGER 20MM	PISTONE Ø20	D	3		
36*		SPACER Ø 11.3/24X0.5 STAINLESS STEEL	ROSETTA Ø 1.3/24X0.5 INOX	D	3		
37*		"O" RING Ø1.78X7.66	"O" RING Ø1.78X7.66	D-H	3		
38*		TEFLON RING	ANELLO ANTIESTRUSIONE	D-H	3		
39*		PLUNGER ROD STAINLESS STEEL	ASTA PISTONE INOX	H	3		
40*		CONNECTING ROD	BIELLA	H	3		
41*		CONNECTING ROD PIN	SPINOTTO	H	3		
42*		SPRING WASHER Ø6	ROSETTA ELASTICA Ø6	H	6		
43*		CONNECTING ROD SCREW M6X30	VITE M6X30	H	6	•	•
44*		"O" RING Ø 2.62X126.67	"O" RING Ø 2.62X126.67	F	1		
45	9.853-776.0	RED CRANKCASE COVER	COPERCHIO ROSSO		1		
46*		"O" RING Ø1.78X14	"O" RING Ø1.78X14	F	1		
47*		BRASS PLUG G 3/8	TAPPO G 3/8	F	1		
48*		SIGHT GLASS, G3/4	SPIA LIVELLO OLIO G3/4	F	1		
49	9.851-475.0	COVER SCREW M6X16 STAINLESS STEEL	VITE M6X16 INOX A2 70		4		

* Part available ONLY in kit
Disponibile SOLO in kit

PUMP'S EXPLODED VIEW

32

SALES AND SHIPPING TERMS

SHIPPING TERMS

Export Car Wash 2017, S.L. reserves the right to ship orders using the most suitable transportation method at any given time according to its criteria.

SHIPPING COSTS

Shipping costs are not included and will be the responsibility of the customer. These costs are indicated on the website and will be duly detailed.

Shipping costs are calculated automatically based on the destination, volume, and weight.

DELIVERY TIMES

If all the products in your order are in stock in our warehouse, the dispatch time will be between 24 and 48 hours.

Otherwise, please contact us, and we will inform you as soon as possible.

The indicated dispatch times are for guidance only, and Export Car Wash 2017, S.L. will strive to adhere to them. However, as this is a service offered by third parties, any delay does not imply order cancellation or compensation.

RETURNS

Export Car Wash 2017, S.L. allows the return of products it sells within fifteen (15) days following their receipt. Please remember that the return must be made in the original packaging, and the item must be in perfect condition.

TRANSIT OF INTERNATIONAL SHIPMENTS

Transit days for international shipments are indicative and refer to the arrival of package shipments in the main cities of each destination country. The specified transit times correspond to the minimum number of working days, estimated from the date of dispatch from the International Platforms of the destination transport agencies and are subject to possible customs procedures in non-EU countries. Some of our operational phases and international rates may be affected due to COVID-19.

SECURE PAYMENT

Export Car Wash 2017, S.L. offers its customers the option to choose from various different payment methods:

Bank Transfer:

You can make a deposit or bank transfer from your own bank to the account our company holds at BBVA.

Beneficiary: EXPORT CAR WASH 2017, S.L.

IBAN ES39 0182 9502 2302 0170 1421

SWIFT BBVAESMMXXX

To expedite the shipment of your order, please send us the proof of your payment by email to info@exportcarwash.com.

It is essential to indicate your order number when making the transfer to identify your payment.

Credit Card:

If you choose this payment method, you will be redirected to the secure website of our financial institution, where you will be asked for your card number and expiration date.

For your peace of mind, BBVA guarantees absolute security, as both your personal data and your card's data are encrypted thanks to the SSL secure server provided by the financial institution. Your credit card details are not stored in any database but are transmitted directly to the POS (Point of Sale) of the Bank.

Also, at no time does Export Car Wash 2017, S.L. receive your card details, only the confirmation of your payment.

Credit Card (via Paypal):

You can pay for your purchases with your Visa or MasterCard. To do this, the secure Paypal platform will be used where, to proceed with the payment, you will be asked for some basic details.

Payment via Paypal:

For your safety and speed, this globally known system is one of the most widely used for online sales today. To pay for your purchases through this system, you must have a Paypal account. For more information, visit www.paypal.es

Export Car Wash 2017, S.L.

Address: Nuestra Señora de la Asunción, 122-46240 Carlet - Valencia (Spain)


Tax ID: B-98937543

Registered in the Commercial Register of Valencia: Volume 10329, Book 7610, Folio 63, Sheet V-177763





EXPORT CAR WASH 2017, S.L.

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