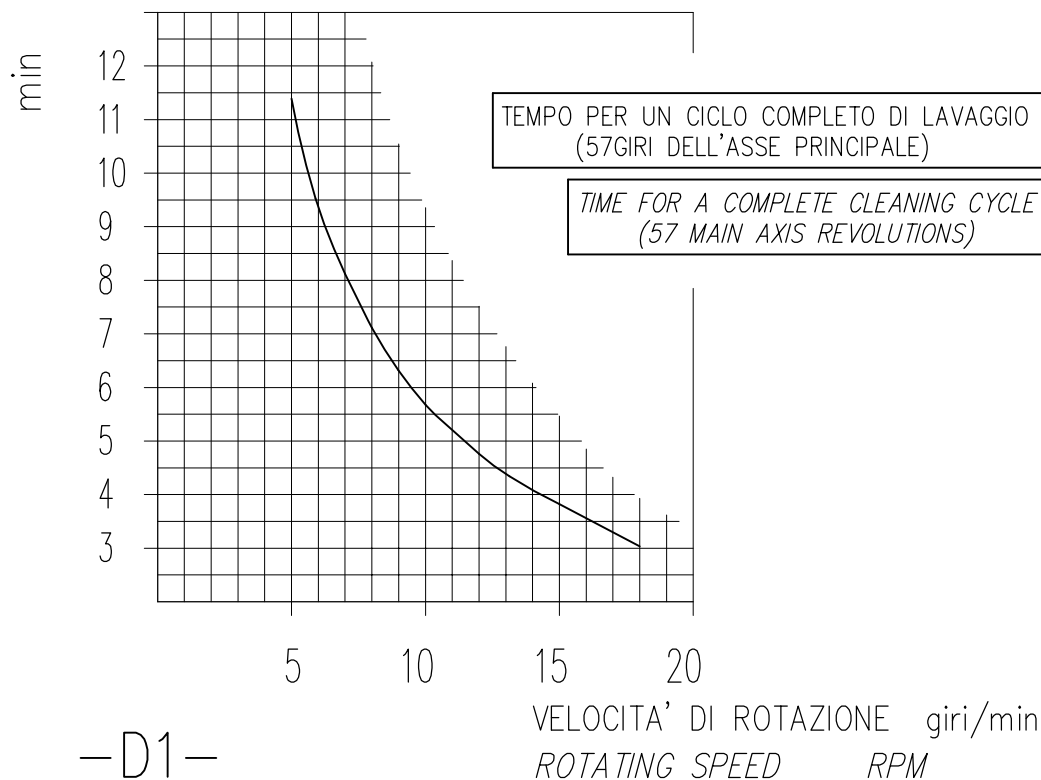


CARATTERISTICHE TECNICHE

TECHNICAL SPECIFICATIONS

- PRESSIONE NOMINALE <i>RATED PRESSURE</i>	30÷140 bar – 3÷14 MPa (435÷2000 psi)	
- PRESSIONE CONSENTITA <i>PERMISSIBLE PRESSURE</i>	160 bar – 16 MPa (2300 psi)	
- PORTATA <i>FLOW RATE</i>	15 – 40 l/min (4–10.5 USGp.m.)	
- TEMPERATURA MASSIMA ACQUA <i>MAX WORKING TEMPERATURE</i>	0–90°C (32–195°F)	
- PESO <i>WEIGHT</i>	6.85 kg (241,6 oz) (1/8NPT)	6.8 kg (239,8 oz) (M4)
- FREQUENZA ROTAZIONE ASSE PRINCIPALE <i>MAIN AXIS ROTATING SPEED</i>	10–16 giri/min (RPM)	
- ATTACCO ALIMENTAZIONE ACQUA <i>INLET CONNECTION SIZE</i>	G 3/4"	
- ATTACCO UGELLI (2 o 4) <i>NOZZLES CONNECTION (2 or 4)</i>	1/8 NPT	M4

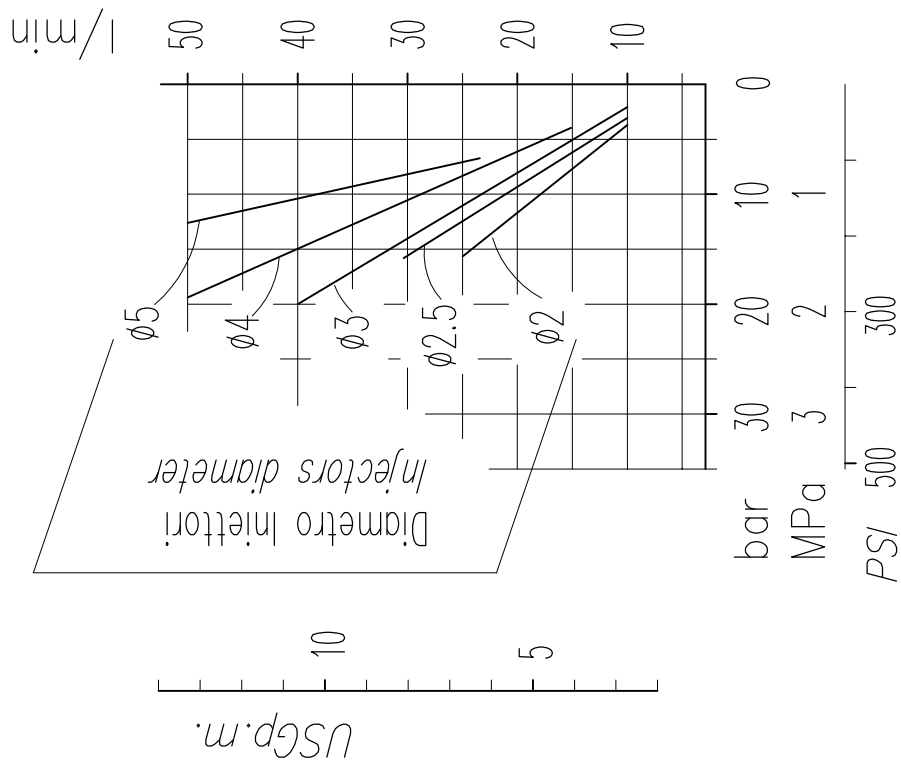


ACCESSORI

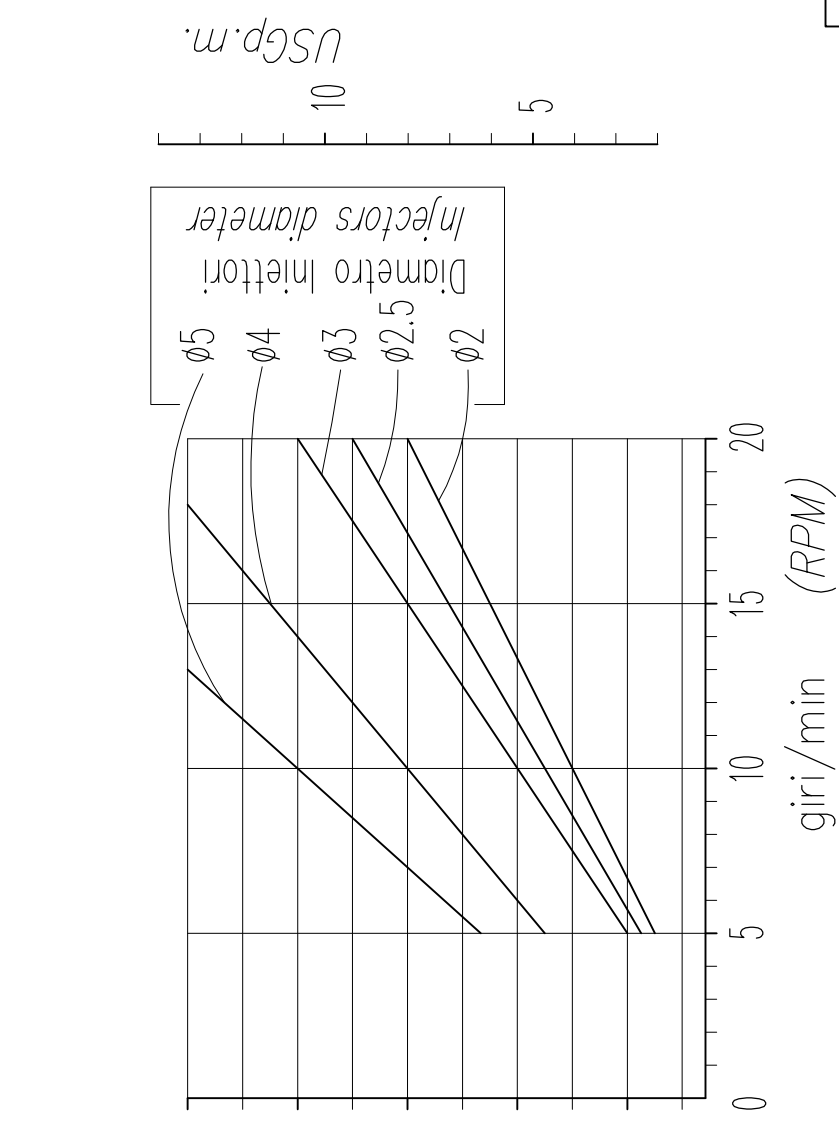
ACCESSORIES

- COPERCHIO CHIUSURA ACCIAIO INOX: <i>STAINLESS STEEL COVER:</i>	DIA. 590mm (23 inches)
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CADUTA DI PRESSIONE IN FUNZIONE DELLA PORTATA
 LOSS OF PRESSURE IN RELATION TO FLOW



VARIAZIONE DEI GIRI IN FUNZIONE DELLA PORTATA
 RPM VARIATION IN RELATION TO FLOW



MI63



-D2-



P.A. – S.p.A. – EQUIPAGGIAMENTI TECNICI DEL LAVAGGIO

VIA MILANO, 13 – CASELLA POSTALE 115 – 42048 RUBIERA (REGGIO EMILIA) – ITALY
 Tel. +39 0522 623611 – Fax. +39 0522 629600 – R.E.A. RE 156319 – R.I. RE11535 – Mecc. RE 013446
 C.F. e P. IVA 01035950359 – Cap. Soc. i.v. € 750.000,00 – Codice Identificativo C.E.E. IT 01035950359
 ART. 2497 – BIS C.C. DIREZIONE E COORDINAMENTO BENETTI srl R.I. TRIB. DI RE 01480690351
 Web: <http://www.pa-etl.it> – E-mail: info@pa-etl.it



Dichiarazione di conformità – Declaration of conformity

(Ai sensi dell'Allegato VII della Direttiva Europea 97/23/CE - PED)
 (In accordance to Annex VII of European Directive 97/23/EC – PED)

Attrezzatura – Equipment:		ACCESSORIO A PRESSIONE PRESSURE EQUIPMENT	
Modello – Type:		MI63 e MI85	
Fluido – Fluid:		ACQUA CALDA E DETERGENTI HOT WATER AND DETERGENTS	
Gruppo fluidi: Group of Fluid:	II	Temperatura min. e max. ammissibile Permissible Temperature (min/max)	0 ÷ 90°C

Procedura di valutazione della conformità

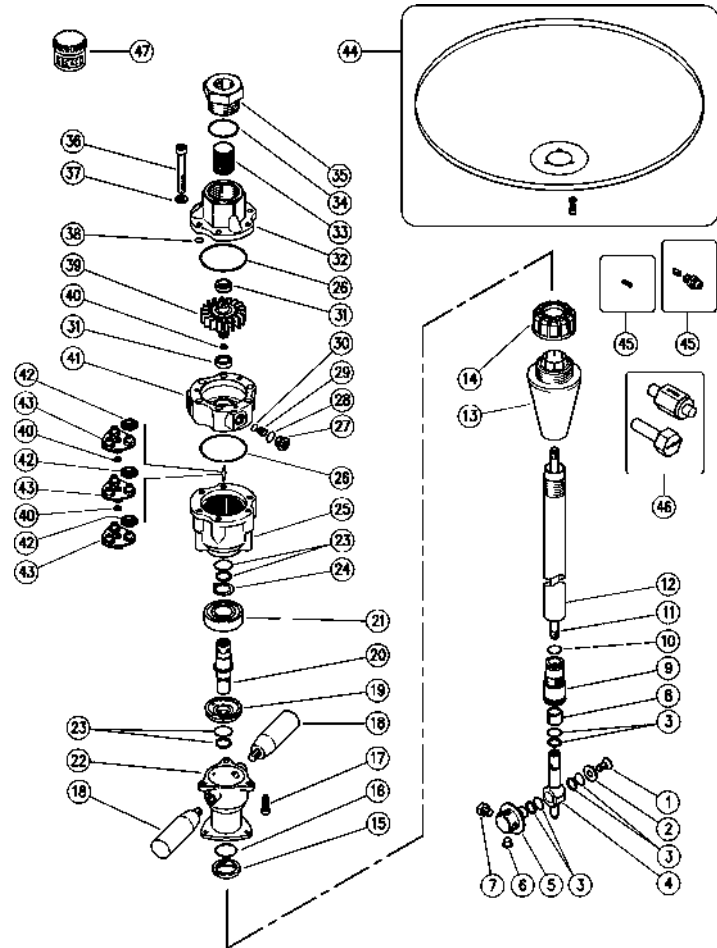
Conformità Assessment Procedure Followed

Categoria: Category:		Modulo: Module:	Articolo 3.3
Organismo notificato - Notified Body:	-----		
Attestato CE del tipo - EC Type - Examination Certificate:	-----		
Marcatura CE del fabbricante - Manufacturer's CE Marking:	-----		
Organismo Notificato per il Sistema Qualità: Notified Body for Assessment of Quality System:	-----		
Organismo di certificazione per il Sistema di Qualità: Notified Body for Certification of Quality System:	DNV		
Norme europee applicate: Harmonized Standards applied :	CEI EN 60335-2-79, UNI EN 1829		
Altre Direttive applicate - Other Directive applied Direttiva Europea – European Directive 2002/95/EC			
Codici di calcolo: Design Calculations Made:	764-1, Raccolta ISPESL – Collection: VSR		

Libretto uso e manutenzione presente nel sito web Operation and Maintenance Manual to be found on Website	Il Fabbricante PA SpA The Manufacturer PA SpA	
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25.4600.20 MI63-50 test.mot.idrocin.,iniett.2mm
25.4600.24 MI63-45 test.mot.idrocin.,iniett.2mm
25.4600.30 MI63-50 test.mot.idrocin.,iniett.3mm

25.4600.40 MI63-50 test.mot.idrocin.,iniett.4mm
25.4600.50 MI63-50 test.mot.idrocin.,iniett.5mm
25.4902.25 MI63A-50-1/8 tes.id/cin.inie.2,5mm Atex 0575



Pos.	Codice	Descrizione	Q.tà	K1	K2	K3	K4		Pos.	Codice	Descrizione	Q.tà	K1	K2	K3	K4	
1	16.1954.12	Vite DIN7991 M8x12 mm inox	1					10	26	10.3080.58	An.OR 1,78x56,87 mm Vi 70	2	.				10
2	80.0015.51	Rosetta svas. 8,5x22x4,5mm inox	1					3	27	80.0219.51	Tappo EI M14x1 inox	3					3
3	10.2030.00	Guarn. stelo 15x20x2,2 mm +OR	3	.				4	28	10.3060.10	An.OR 1,78x12,42 mm Vi 70	3	.				10
4	80.0005.52	Respingente M10 inox	1					1	29	80.0221.51	Iniettore 2mm inox	3					3
5	80.0014.51	Pign.p/ug. z.57, 4x1/8Npt F in. (1)	1					1	29	80.0222.51	Iniettore 3mm inox (3)	3					3
5	80.0016.51	Pign.p/ug. z.57, M4 FFFF in. (2)	1					1	29	80.0223.51	Iniettore 4mm inox (4)	3					3
6	15.3710.18	Tappo G1/8" plast. (1)	2					4	29	80.0224.51	Iniettore 5mm inox (5)	3					3
6	15.3704.00	Tappo M4 plast. (2)	2					4	30	10.3003.00	An.OR 1x8 mm	3	.				10
7	15.3711.18	Tappo inox 303 1/8M Npt s/testa (1)	2					4	31	80.0212.84	Boccola plastica	2	.				3
7	16.1830.00	Vite DIN912 M4x8 mm inox (2)	2					10	32	80.0201.52	Collettore inox	1					1
8	80.0009.85	Boccola a. 15x19x14,8mm PTFE	1	.				3	33	28.0014.53	Rete 38mesh-400µm inox	1					10
9	80.0027.23	Pignone z.34 inox+Bocc.a.15mm	1					1	34	10.3208.36	An.OR 2,62x36,17 mm Vi 70	1	.				5
10	10.3184.10	An.OR 2,62x18,72 mm Vi 70	1	.				10	35	80.0217.51	Racc. M40x2 M -G3/4F inox	1					1
11	80.0003.56	Tubo M10x1 MM 894mm inox	1					1	36	16.1955.60	Vite DIN912 M8x60 mm inox	6					10
12	80.0052.56	Tubo M28x1 M 895mm inox	1					1	37	14.3573.00	Rosetta secur. 8,4x2 mm inox	6					10
13	80.0021.84	Tappo conico TPEs nero	1		.			3	38	10.3109.93	An.OR 2,4x8,3 mm Vi 70	3	.				10
14	80.0316.84	Ghiera PP nera	1		.			10	39	80.0203.52	Turbina inox	1					1
15	80.0012.51	Ghiera M28x1 inox	1					1	40	80.0213.84	Perno rasamento plast.	3	.				3
16	10.3205.10	An.OR 2,62x26,64 mm Vi 70	1	.				10	41	80.0202.52	Statore inox	1					1
17	16.1896.20	Vite DIN912 M6x20 mm inox	3					10	42	80.0204.38	Satellite z.19 bronzo	9	.				3
18	13.0600.00	Manopola M10x15 mm	2					2	43	80.0205.00	Portasatelliti+3 perni inox	3					1
19	80.0233.51	An. distanziale 18x46,8x10,8mm inox	1					1	45	16.1363.45	Ug. inox 1/8M Npt+ventol. 00.045 **	2-4					10
20	80.0232.51	Albero dentato inox	1					1	45	25.1091.51	Ugello 025 - M4 inox rosa ***	2-4					10
21	11.4420.47	Cuscinetto 20x47x14 mm - 2RS inox	1	.				2	45	25.1190.51	Ugello 02 - M4 inox verde chiaro ***	2-4					10
22	80.0231.52	Corpo manicotto inox	1					1	45	25.1093.51	Ugello 035 - M4 inox marrone ***	2-4					10
23	10.2030.18	Guarn. stelo 18x23x2 mm +OR Epdm	2	.				5	46	25.4631.24	Kit Attr. Montag. Guarn.-MI63 3pz. ***	1					1
24	10.1020.05	An. elast. E 20 inox	1	.				10	47	14.6552.00	Grass.silicone-teflon-30g.>tutti imp. ***	1					2
25	80.0207.52	Corona z.50 inox	1					1									

** Varie misure disponibili

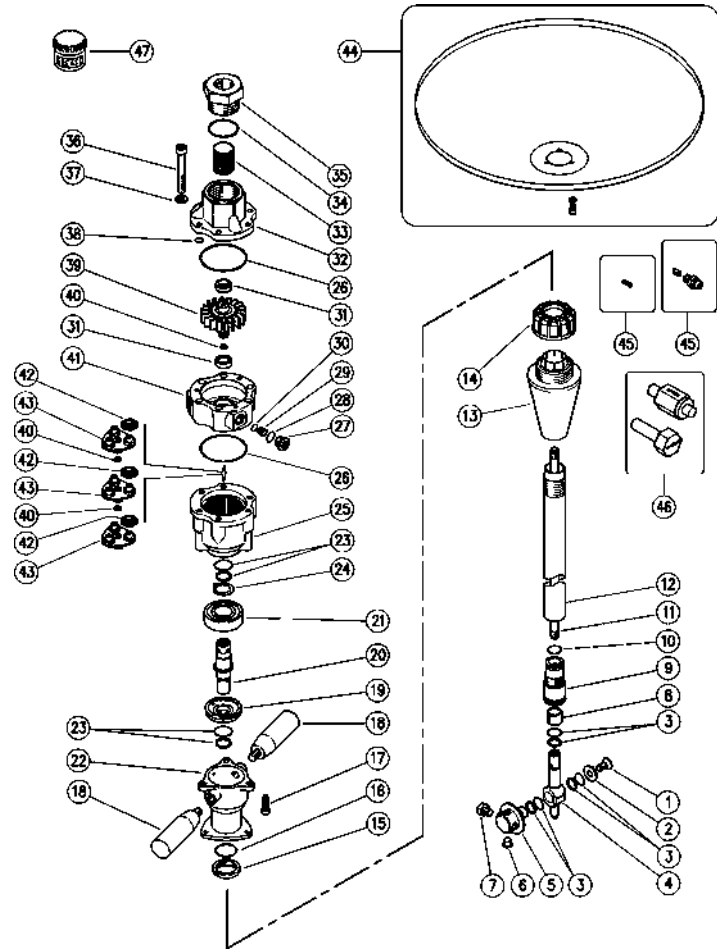
*** Su richiesta

Kit	Codice	Descrizione	
K1	25.4608.24	Kit ric. MI63 9x1pz.	1
K2	25.4630.24	Kit ric. MI63 - MI85 6x1pz.	1
K3	80.0020.00	Completo tappo conic. fissaggio	1

(1) 25.4600.20 (2) 25.4600.24 (3) 25.4600.30 (4) 25.4600.40 (5) 25.4600.50

25.4600.20 MI63-50 Tank cl.,hydr.-driv.,2mm-inject.
 25.4600.24 MI63-45 Tank cl.,hydr.-driv.,2mm-inject.
 25.4600.30 MI63-50 Tank cl.,hydr.-driv.,3mm-inject.

25.4600.40 MI63-50-1/8 inject.4,00mm
 25.4600.50 MI63-50 Tank cl.,hydr.-driv.,5mm-inject.
 25.4902.25 MI63A-50 Tank cl.,hy.-driv.,2,5mm-.Atex 0575



Pos.	P/N	Description	Q.ty	K1	K2	K3	K4	
1	16.1954.12	Screw, DIN7991 M8x12 mm Sst.	1					10
2	80.0015.51	C/sunk washer, 8,5x22x4,5mm Sst.	1					3
3	10.2030.00	Stem seal, 15x20x2,2 mm +O-ring	3	•				4
4	80.0005.52	Buffer, M10 Sst.	1					1
5	80.0014.51	Nzl hold. pinio.z.57, 4x1/8Npt F sst. (1)	1					1
5	80.0016.51	Nzl hold. pinion, z.57, M4 FFFF Sst. (2)	1					1
6	15.3710.18	Plug, 1/8" Bsp plast. (1)	2					4
6	15.3704.00	Plug, M4 plast. (2)	2					4
7	15.3711.18	Grub screw, 303 Sst. 1/8M Npt (1)	2					4
7	16.1830.00	Screw, DIN912 M4x8 mm Sst. (2)	2					10
8	80.0009.85	Bushing, opn. 15x19x14,8mm PTFE	1	•				3
9	80.0027.23	Pinion.34 Sst+Bushing,opn.15mm	1					1
10	10.3184.10	O-ring, 2,62x18,72 mm Vi 70	1	•				10
11	80.0003.56	Tube, M10x1 MM 894mm Sst.	1					1
12	80.0052.56	Tube, M28x1 M 895mm Sst.	1					1
13	80.0021.84	Tapered plug, TPEs black	1		•			3
14	80.0316.84	Ring nut, PP black	1		•			10
15	80.0012.51	Ring nut, M28x1 Sst.	1					1
16	10.3205.10	O-ring, 2,62x26,64 mm Vi 70	1	•				10
17	16.1896.20	Screw, DIN912 M6x20 mm Sst.	3					10
18	13.0600.00	Knob M10x15 mm	2					2
19	80.0233.51	Spacer ring, 18x46,8x10,8mm Sst.	1					1
20	80.0232.51	Geared shaft, Sst.	1					1
21	11.4420.47	Ball-bearing, 20x47x14 mm - 2RS Sst.	1	•				2
22	80.0231.52	Housing sleeve, Sst.	1					1
23	10.2030.18	Stem seal, 18x23x2 mm +O-ring Epm	2	•				5
24	10.1020.05	Snap ring, E 20 Sst.	1	•				10
25	80.0207.52	Ring gear, z.50 Sst.	1					1

** Different measures available

*** On request

Kit	P/N	Description	
K1	25.4608.24	Spares Kit - M163 9x1pcs.	1
K2	25.4630.24	Spares Kit - M163 - M185 6x1pcs.	1
K3	80.0020.00	Tapered plug -M63	1

(1) 25.4600.20 (2) 25.4600.24 (3) 25.4600.30 (4) 25.4600.40 (5) 25.4600.50

Pos.	P/N	Description	Q.ty	K1	K2	K3	K4	
26	10.3080.58	O-ring, 1,78x56,87 mm Vi 70	2	•				10
27	80.0219.51	Plug, int.hex., M14x1 Sst.	3					3
28	10.3060.10	O-ring, 1,78x12,42 mm Vi 70	3	•				10
29	80.0221.51	Injector, 2mm Sst.	3					3
29	80.0222.51	Injector, 3mm Sst. (3)	3					3
29	80.0223.51	Injector, 4mm Sst. (4)	3					3
29	80.0224.51	Injector, 5mm Sst. (5)	3					3
30	10.3003.00	O-ring, 1x8 mm	3	•				10
31	80.0212.84	Bushing, plast.	2		•			3
32	80.0201.52	Manifold, Sst.	1					1
33	28.0014.53	Net, 38mesh-400µm Sst.	1					10
34	10.3208.36	O-ring, 2,62x36,17 mm Vi 70	1	•				5
35	80.0217.51	Coupl., M40x2 M -3/4F Bsp Sst.	1					1
36	16.1955.60	Screw, DIN912 M8x60 mm Sst.	6					10
37	14.3573.00	Safet. washer, 8,4x2 mm Sst.	6					10
38	10.3109.93	O-ring, 2,4x8,3 mm Vi 70	3	•				10
39	80.0203.52	Turbine, Sst.	1					1
40	80.0213.84	Shim pin, plast.	3		•			3
41	80.0202.52	Stator, Sst.	1					1
42	80.0204.38	Planetary gear, z.19 brz	9		•			3
43	80.0205.00	Planetary gear holder+3 pins, Sst.	3					1
45	16.1363.45	Nzl, sst,1/8M Npt+guid.vane 00.045 **	2-4					10
45	25.1091.51	Nozzle, 025 - M4 Sst. pink ***	2-4					10
45	25.1190.51	Nozzle, 02 - M4 Sst. light green ***	2-4					10
45	25.1093.51	Nozzle, 035 - M4 Sst. brown ***	2-4					10
46	25.4631.24	Seal Setup Tool Kit - M163 3pcs. ***	1					1
47	14.6552.00	Teflon silicon grease x30g.>All ***	1					2