

BP105 K-125 K

POMPE A MEMBRANA A BASSA PRESSIONE
LOW PRESSURE DIAPHRAGM PUMPS
POMPES A MEMBRANE A BASSE PRESSION
BOMBAS A MEMBRANA DE BAJA PRESION
NIEDERDRUCK-MEMBRANPUMPEN



Configurazione: 3 membrane in NBR (Desmopan® e Viton a richiesta). Parti a contatto con il liquido: alluminio plastificato. Di serie: accumulatore di pressione. A richiesta: valvola di sicurezza, protezione p.d.f.













Configuration: 3 diaphragms in NBR (Desmopan® and Viton available on request). Parts in contact with spray liquid: plastic coated aluminium. Standard: pressure accumulator. On request: safety valve and PTO protection.

Configuration : 3 membranes en NBR (Desmopan® et Viton à la demande). Parties au contact du liquide : aluminium plastifié. De série : accumulateur de pression. À la demande : soupape de sécurité, protection prise de force.













Configuración: 3 membranas en NBR (Desmopan® y Viton bajo pedido). Partes en contacto con el líquido: aluminio plastificado. De serie: acumulador de presión. Bajo pedido: válvula de seguridad, protección toma de fuerza (t.d.f.).

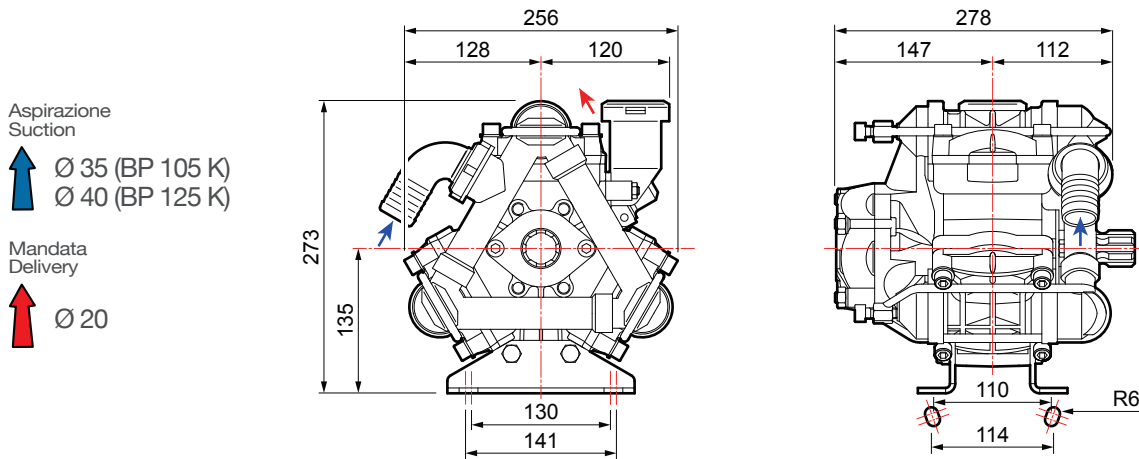
Konfigurierung: 3 Membranen aus NBR (Desmopan® und Viton auf Wunsch). Teile im Kontakt mit der Flüssigkeit: plastifiziertes Aluminium. Serienmäßig: Druckspeicher. Auf Wunsch: Sicherheitsventil und Zapfwellenschutz.

BP 105 K

	0 bar - 0 p.s.i				5 bar - 72 p.s.i				10 bar - 145 p.s.i				15 bar - 217 p.s.i				20 bar - 290 p.s.i						
																							
RPM	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	kg	lb	
400	81	21,4	0,6	0,4	79	20,9	1,2	0,9	78	20,6	2,1	1,5	77	20,3	3,0	2,2	76	20,1	4,0	2,9	12,9	28,4	
450	88	23,2	0,8	0,6	87	23,0	1,5	1,1	86	22,7	2,5	1,8	85	22,5	3,5	2,6	85	22,5	4,5	3,3			
500	97	25,6	1,1	0,8	96	25,4	1,7	1,3	95	25,1	2,9	2,1	94	24,8	4,0	2,9	93	24,6	5,1	3,8			
550	107	28,3	1,3	1,0	106	28,0	2,0	1,5	105	27,7	3,1	2,3	105	27,7	4,5	3,3	104	27,5	5,5	4,0			

BP 125 K

	0 bar - 0 p.s.i				5 bar - 72 p.s.i				10 bar - 145 p.s.i				15 bar - 217 p.s.i				20 bar - 290 p.s.i						
																							
RPM	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	l/min	U.S.g.p.m.	HP	kW	kg	lb	
400	91	24,0	1,0	0,7	90	23,8	1,6	1,2	88	23,2	2,9	2,1	87	23,0	4,0	2,9	86	22,7	5,0	3,7	13	28,6	
450	102	26,9	1,2	0,9	100	26,4	1,9	1,4	99	26,2	3,2	2,4	98	25,9	4,4	3,2	97	25,6	5,4	4,0			
500	112	29,6	1,6	1,2	110	29,1	2,3	1,7	109	28,8	3,7	2,7	108	28,5	4,8	3,5	107	28,3	6,1	4,5			
550	121	32,0	2,0	1,5	120	31,7	2,7	2,0	119	31,4	4,1	3,0	118	31,2	5,5	4,0	117	30,9	6,8	5,0			



Aspirazione
Suction

↑ Ø 35 (BP 105 K)
↑ Ø 40 (BP 125 K)

Mandata
Delivery

↑ Ø 20

VERSIONI STANDARD · STANDARD VERSIONS · VERSIONS STANDARD · VERSIONES ESTÁNDAR · STANDARD AUSFÜHRUNGEN

Versioni derivate · Versions adapted · Versions dérivées · Versiones derivadas · Von der Standardversion abgeleitete Ausführungen

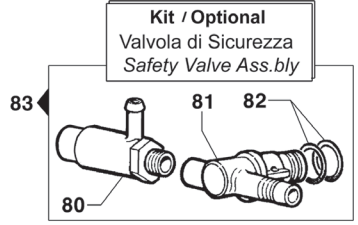
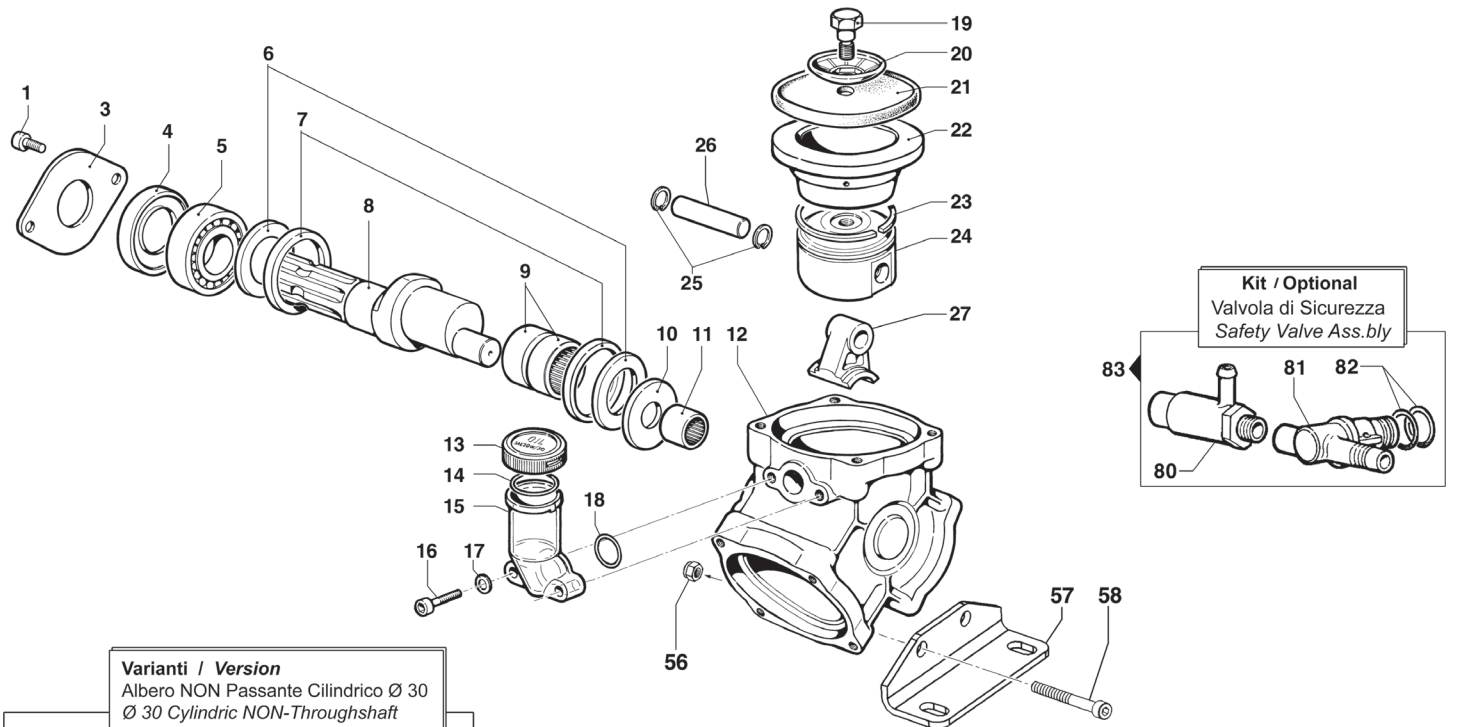
<p>A</p>		<p>Albero non passante Single shaft Arbre non traversant Cigüeñal no pasante Welle</p>	<p>1" 3/8 M</p>	<p>Asse Pompa Pump Axis</p>	
<p>1</p>		<p>Flangiata a motore idraulico Flanged to hydraulic motor Bridée à un moteur hydraulique Conexión con brida a motor hidráulico An Hydraulikmotor geflanscht</p>	<p>2</p>	<p>Kit attacco rapido Quick coupling kit Kit accouplement rapide Kit conexión rápida Schnellkupplungsset</p>	
<p>B</p>		<p>Albero non passante Single shaft Arbre non traversant Cigüeñal no pasante Welle</p>	<p>Ø 30</p>	<p>Asse Pompa Pump Axis</p>	
<p>1</p>		<p>Flangiata a motore idraulico Flanged to hydraulic motor Bridée à un moteur hydraulique Conexión con brida a motor hidráulico An Hydraulikmotor geflanscht</p>	<p>2</p>	<p>Riduttore di giri Reduction gearbox Réducteur de tours Reductor de revoluciones Untersetzunggetriebe</p>	
<p>C</p>		<p>Albero passante Through shaft Arbre traversant Cigüeñal pasante Durchgangswelle</p>	<p>Ø 20 - 1" 3/8 M</p>	<p>Asse Pompa Pump Axis</p>	
<p>1</p>		<p>Flangiata a motore idraulico Flanged to hydraulic motor Bridée à un moteur hydraulique Conexión con brida a motor hidráulico An Hydraulikmotor geflanscht</p>	<p>2</p>	<p>Kit Puleggia Pulley kit Kit Poulie Kit Polea Riemenscheibenkit</p>	

BP K Series

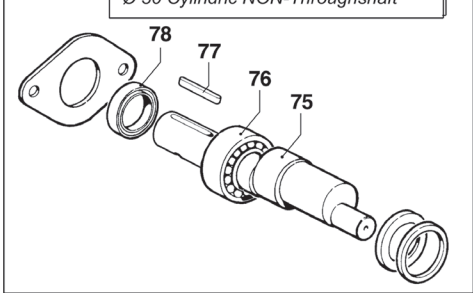
BP 105 K - BP 125 K

Pompe a Membrana - Diaphragm Pumps

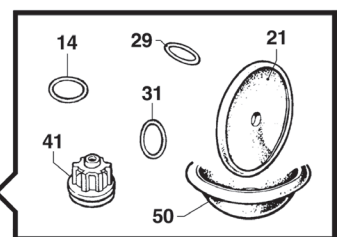
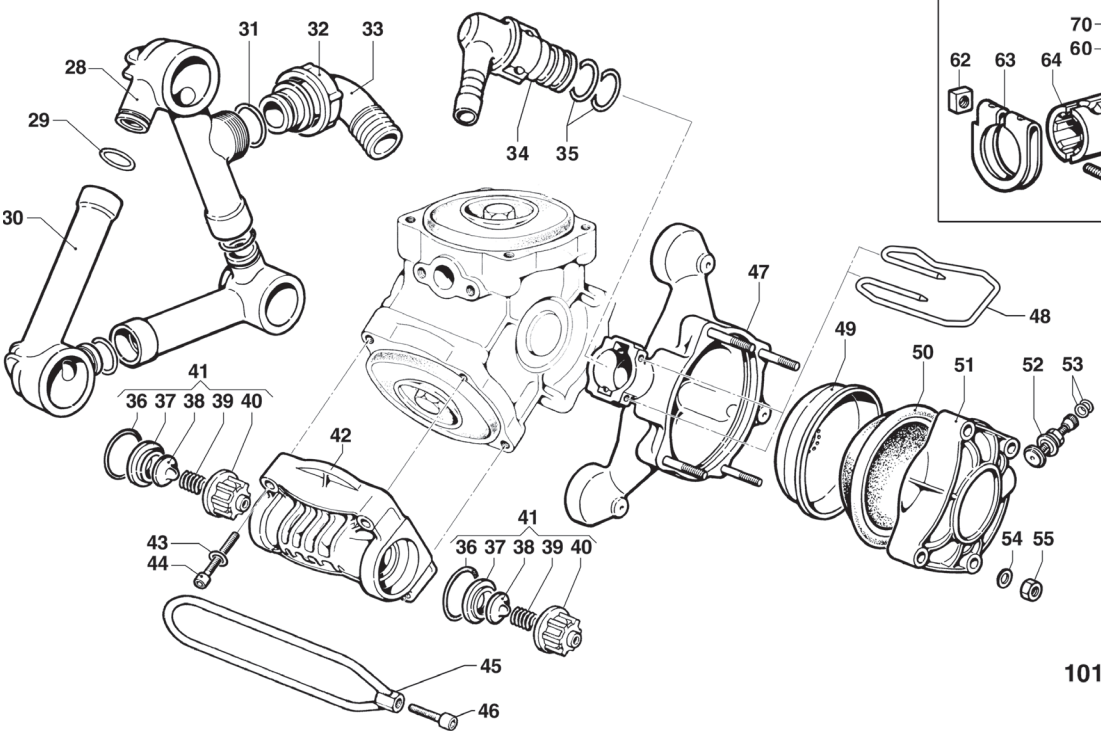
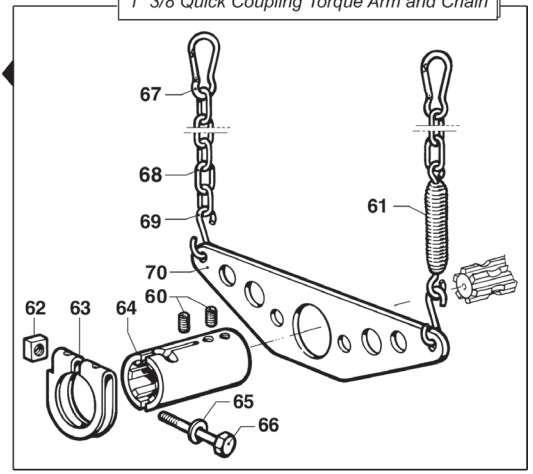
550 RPM



Varianti / Version
Albero NON Passante Cilindrico Ø 30
Ø 30 Cylindric NON-Throughshaft



Varianti / Version
Attacco Rapido Traversa/Catena 1" 3/8
1" 3/8 Quick Coupling Torque Arm and Chain



Pompa Base
Standard Pump

Albero NON Passante 1"3/8M, con Piedi
1"3/8M NON-Throughshaft, with Feet

BP 105 K - BP 125 K

550 RPM

N°	Cod.	Descrizione	Description	Note	Qty	Model
1	3609 0171	Vite	Screw	M10x16	2	
3	1004 0013	Flangia Tenuta Paraolio	Flange		1	
4	0019 0010	Anello Tenuta	Oil Seal	Ø35x62x10	1	
5	0438 0015	Cuscinetto a Sfere	Ball Bearing	Ø35x62x14	1	
6	2813 0019	Rondella Tenuta Biella	Connecting Rod Washer	Ø63x40x2,8	2	
7	0010 0008	Anello Tenuta Biella	Connecting Rod Ring	Ø68x55x6	2	
8	0001 0382	Albero Non Passante	NON-Throughshaft	1"3/8 M	1	BP125K
	0001 0098	Albero Non Passante	NON-Throughshaft	1"3/8 M	1	BP105K
9	0437 0045	Cuscinetto Rulli	Roller Bearing	Ø40x47x16	2	
10	2813 0024	Rondella Tenuta Biella	Connecting Rod Washer	Ø20x50x3	1	
11	0437 0033	Cuscinetto Rulli	Roller Bearing	Ø20x28x23	1	
12	0403 0133	Carter Pompa	Pump Crankcase		1	
13	0402 0141	Coperchio Compens. Vol.	Volum. Compensator Cover		1	
14	1210 0200	Guarnizione OR	O-Ring	Ø2,62x42,52	1	
15	0421 0020	Compensatore Volumetr.	Volumetric Compensator		1	
16	3609 0165	Vite	Screw	M8x35	2	
17	2811 0099	Rondella	Washer	Ø8,4x15x1,6	2	
18	1210 0037	Guarnizione OR	O-Ring	Ø2,5x25	1	
19	3605 0005	Vite Spec. Tenuta Membr.	Diaphragm Holder Screw		3	
20	0602 0045	Disco Tenuta Membrana	Disc		3	
21	1800 0002	Membrana Pompa	Diaphragm	Gomma Nitrilica Buna Rubber	3	
	1800 0178	Membrana Pompa	Diaphragm	Desmopan ®	3	
	1800 0032	Membrana Pompa	Diaphragm	Viton ®	3	
22	0400 0077	Camicia	Piston Sleeve	Ø75	3	BP125K
	0400 0088	Camicia	Piston Sleeve	Ø70	3	BP105K
23	0020 0009	Anello Compressione	Compression Ring	Ø75	3	BP125K
	0020 0001	Anello Compressione	Compression Ring	Ø70	3	BP105K
24	2409 0081	Pistone	Piston	Ø75	3	BP125K
	2409 0096	Pistone	Piston	Ø70	3	BP105K
25	3020 0001	Seeger Interno	Inner Seeger	Ø15	6	
26	3011 0001	Spinotto	Gudgeon Pin	Ø15x53	3	
27	0205 0034	Kit Biella 3SET	Connecting Rod Assembly		1	
28	3212 0023	Tubo Aspirazione	Suction Hose		1	
29	1210 0047	Guarnizione OR	O-Ring	Ø2,62x22,22	3	
30	3213 0012	Tubo Aspirazione	Suction Pipe		2	
31	1210 0034	Guarnizione OR	O-Ring	Ø3,53x28,17	1	
32	1200 0011	Galletto	Wing Nut		1	
33	2801 0063	Raccordo p.g. Aspir. Curvo	Suction Elbow Tail	Ø25x40	1	BP125K
	2801 0009	Raccordo p.g. Aspir. Curvo	Suction Elbow Tail	Ø25x35	1	BP105K
34	2803 0033	Raccordo Rapido p.g. Curvo	Elbow Quick Coupling	Ø20	1	
35	1210 0002	Guarnizione OR	O-Ring	Ø2,62x20,7	2	
36	1210 0419	Guarnizione OR	O-Ring	Ø6x37x49	6	
37	3009 0022	Sede Valv. Aspir./Mandata	Suct./Delivery Valve Seat		6	
38	3604 0009	Valvola Aspiraz./Mandata	Suction/Delivery Valve		6	
39	1802 0255	Molla	Spring		6	
40	1205 0034	Gabbia Valv. Aspir./Mand.	Suct./Delivery Valve Cage		6	
41	1220 0046	Gruppo Valvola Asp./Mand.	Suct./Del. Valve Ass.y Kit		6	
42	3218 0123	Testata Pompa	Pump Manifold		3	
43	2811 0098	Rondella	Washer	Ø10,5x18x2	12	
44	3609 0161	Vite	Screw	M10x45	12	
45	0418 0041	Cavallotto	U-Bolt		3	
46	3609 0160	Vite	Screw	M10x30	3	
47	0002 0021	Accumulatore Press. Infer.	Pressure Accumulator		1	
48	1202 0060	Gancio Fissaggio Mandata	Delivery Hook		1	

N°	Cod.	Descrizione	Description	Note	Qty	Model
49	0460 0036	Calotta Sostegno Membr.	Diaphragm Support Cap		1	
50	1800 0034	Membrana Accumulatore	Diaphragm		1	
51	0003 0030	Accumulatore Press. Sup.	Pressure Accumulator	Arancione/Orange	1	BP125K
	0003 0015	Accumulatore Press. Sup.	Pressure Accumulator	Nero / Black	1	BP105K
52	3610 0003	Valvola Aria	Air Valve		1	
53	1209 0033	Guarnizione	Gasket	Ø14x7,5x2	2	
54	2811 0089	Rondella	Washer	Ø10,5x18x1,6	4	
55	0604 0105	Dado	Nut	M10	4	
56	0604 0073	Dado	Nut	M10X1	2	
57	2400 0108	Piede Sostegno Pompa	Pump Mounting Bracket		2	
58	3609 0051	Vite	Screw	M10x90	2	

Varianti

Version

60	3622 0011	Vite Senza Testa Esag. Inc.	Screw	M8x10	2	
61	1802 0040	Molla (Filo Ø2,5) + Gancio	Spring (Wire Ø2,5) + Hook	Øe20x100	1	
62	0600 0037	Dado Speciale	Special Bolt	M12x6	1	
63	0417 0005	Collare Innesco Attacco Rap.	Collar		1	
64	1407 0006	Innesco Calettato	Quick Coupling	Ø1"3/8	1	
65	2811 0025	Rondella	Washer	Ø13x20x2,5	1	
66	3607 0115	Vite Testa Esagonale	Hexagonal Screw	M12x75	1	
67	1202 0009	Gancio	Hook		2	
68	0465 0001	Catena ad Anelli	Chain	500 mm	2	
69	1202 0006	Gancio	Hook	Ø6	2	
70	3221 0001	Traversa Attacco Rapido	Torque Arm for Quick Coup.		1	
71	5002 0008	Kit Traversa Attacco Rapido	Torque Arm for Quick Coup. Kit		1	

Varianti

Version

75	0001 0394	Albero Non Passante	NON-Throughshaft	Ø30 Cil.	1	BP125K
	0001 0136	Albero Non Passante	NON-Throughshaft	Ø30 Cil.	1	BP105K
76	0438 0016	Cuscinetto a Sfere	Ball Bearing	Ø30x62x16	1	
77	1602 0018	Linguetta	Key	8x7x40	1	
78	0019 0101	Anello Tenuta	Oil Seal	Ø30x62x7	1	BP125K
	0019 0016	Anello Tenuta	Oil Seal	Ø30x62x10	1	BP105K

Kit

Optional

80	1219 0042	Valvola di Sicurezza	Safety Valve	20 Bar 0-100L	1	
81	2803 0359	Raccordo porta Valvola	Safety Valve Coupling	Ø19 - G3/8"	1	
82	1210 0002	Guarnizione OR	O-Ring	Ø2,62x 20,7	2	
83	2803 0352	Kit Valvola di Sicurezza	Safety Valve Kit	20 Bar 0-100L	1	

Kit Manutenzione

Maintenance Kit

101	5026 0326	Kit Ricambi Manutenzione	Ordinary Maintenance Kit		1	
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