

BP151K-171K

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: 4 membrane in NBR e Desmopan® (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: 4 diaphragms in NBR and Desmopan® (Viton available on request). Parts in contact with spray liquid: plastic coated aluminium. Standard: pressure accumulator. On request: safety valve and PTO protection.

Configuration: 4 membranes en NBR et Desmopan® (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: 4 membranas en NBR y Desmopan® (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.)

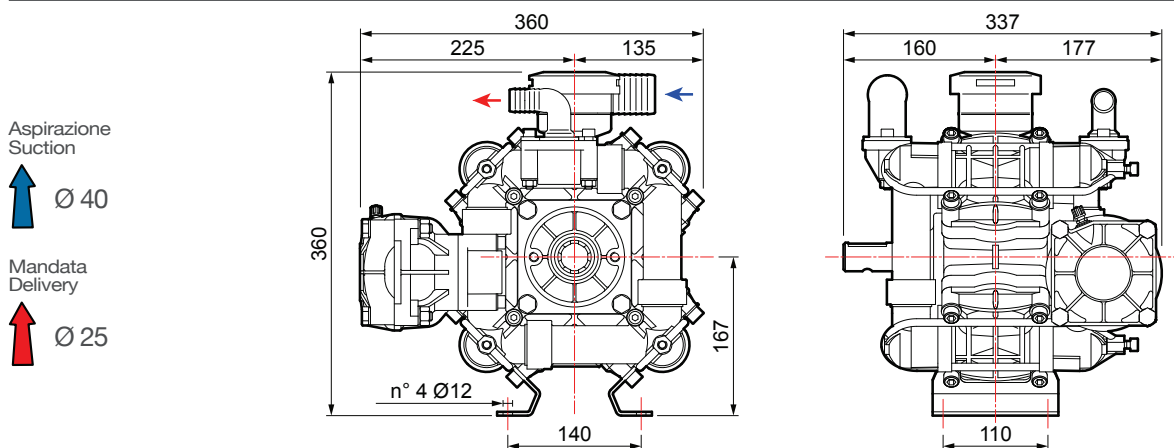
Konfigurierung: 4 Membranen aus NBR und Desmopan® (Viton auf Wunsch). Teile im Kontakt mit der Flüssigkeit: plastifiziertes Aluminium. Serienmäßig: Druckspeicher. Auf Wunsch: Sicherheitsventil und Zapfwellenschutz.

BP 151 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	107	28,3	1,1	0,8	105	27,7	1,8	1,3	104	27,5	3,3	2,4	103	27,2	4,6	3,4	102	26,9	5,8	4,3	24	52,9
450	120	31,7	1,2	0,9	118	31,2	2,0	1,5	117	30,9	3,7	2,7	116	30,6	5,1	3,8	115	30,4	6,5	4,8		
500	132	34,9	1,4	1,0	130	34,3	2,2	1,6	129	34,1	4,1	3,0	128	33,8	5,7	4,2	127	33,5	7,2	5,3		
550	142	37,5	1,5	1,1	141	37,2	2,4	1,8	140	37,0	4,4	3,2	139	36,7	6,1	4,5	138	36,5	7,8	5,7		

BP 171 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	122	32,3	1,3	1,0	120	31,7	2,6	1,9	119	31,5	4,1	3,0	119	31,3	5,2	3,8	118	31,1	6,7	4,9	24	52,9
450	138	36,4	1,5	1,1	135	35,7	2,9	2,2	134	35,5	4,6	3,4	133	35,2	6,1	4,5	133	35,0	7,6	5,6		
500	153	40,3	1,8	1,3	150	39,6	3,5	2,6	149	39,4	5,2	3,8	148	39,1	6,8	5,0	147	38,8	8,6	6,3		
550	168	44,4	2,0	1,5	165	43,6	4,1	3,0	164	43,3	5,9	4,4	163	43,1	7,8	5,7	162	42,8	9,6	7,0		



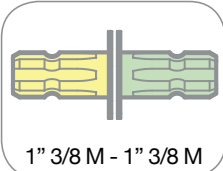
VERSIONI STANDARD · STANDARD VERSIONS · VERSIONS STANDARD · VERSIONES ESTÁNDAR · STANDARDAUSFÜHRUNGEN

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

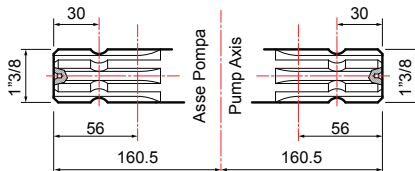
A



Albero passante
Through shaft
Arbre traversant
Cigüeñal pasante
Durchgangswelle



1" 3/8 M - 1" 3/8 M



30
1"3/8
56
160.5
Asse Pompa
Pump Axis
30
1"3/8
56
160.5

1



Flangiata a motore idraulico
Flanged to hydraulic motor
Bridée à un moteur hydraulique
Conexión con brida a motor hidráulico
An Hydraulikmotor geflanscht

2



Flangiata a pompa idraulica
Flanged to hydraulic pump
Bridée à une pompe hydraulique
Conexión con brida a bomba hidráulica
An Hydraulikpumpe geflanscht

3

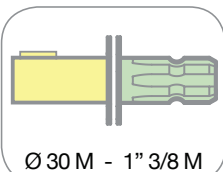


Moltiplicatore per pompa idraulica
Overgear box for hydraulic pump
Multiplicateur pour pompe hydraulique
Multiplicador para bomba hidráulica
Übersetzungsgetriebe für Hydraulikpumpe

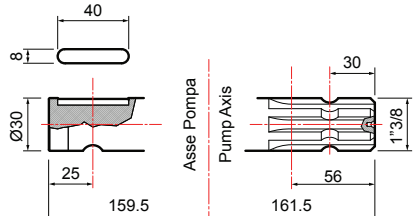
B



Albero passante
Through shaft
Arbre traversant
Cigüeñal pasante
Durchgangswelle



Ø 30 M - 1" 3/8 M



40
8
Ø30
25
159.5
30
1"3/8
56
161.5
Asse Pompa
Pump Axis

1



Flangiata a motore idraulico
Flanged to hydraulic motor
Bridée à un moteur hydraulique
Conexión con brida a motor hidráulico
An Hydraulikmotor geflanscht

2



Flangiata a pompa idraulica
Flanged to hydraulic pump
Bridée à une pompe hydraulique
Conexión con brida a bomba hidráulica
An Hydraulikpumpe geflanscht

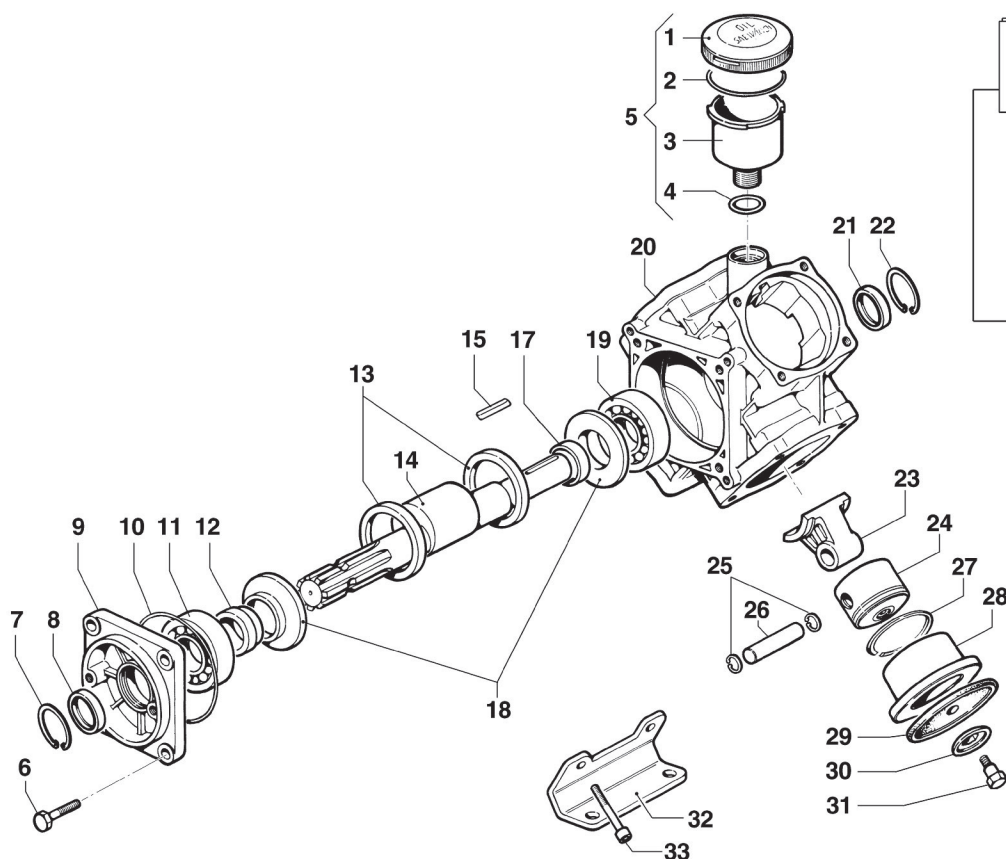


BP K Series

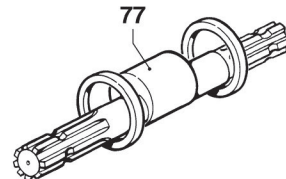
BP 151 K - BP 171 K

Pompe a Membrana - Diaphragm Pumps

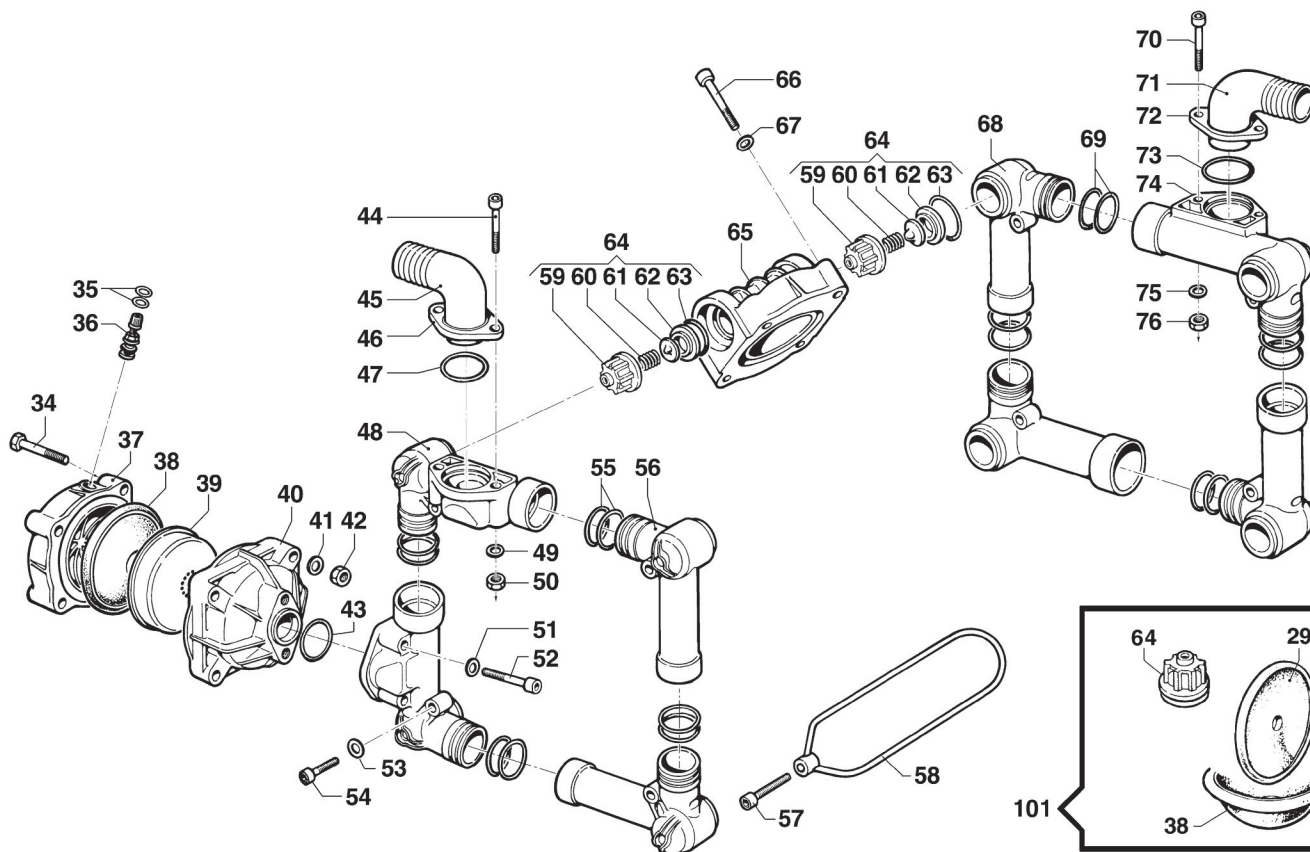
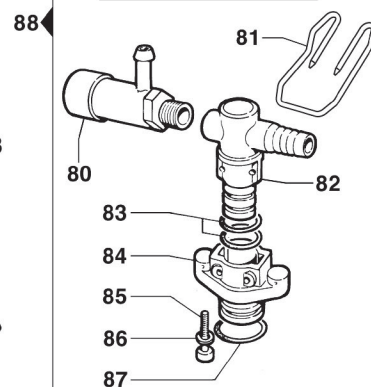
550 RPM



Varianti / Version
Albero Passante Cardano 1"3/8 M/M
1"3/8 M/M Throughshaft



Kit / Optional
Valvola di Sicurezza
Safety Valve Ass.bly



Pompa Base
Standard Pump

Albero Passante 1"3/8-Ø30 Cil.
1"3/8-Ø30 Cyl. Throughshaft

BP 151 K - BP 171 K

550 RPM

N°	Cod.	Descrizione	Description	Note	Q.ty	Model
1	0402 0143	Coperchio Compens. Volum.	Volum. Compensator Cover		1	
2	1210 0373	Guarnizione OR	O-Ring	Ø3,53x73,03	1	
3	0421 0012	Compens. Volumetrico	Volum. Compensator		1	
4	1210 0002	Guarnizione OR	O-Ring	Ø2,62x20,7	1	
5	1208 0015	Gruppo Compens. Volum.	Volumetric Compensator		1	
6	3607 0220	Vite Testa Esagonale	Hexagonal Screw	M10x30	4	
7	3020 0009	Seeger Interno	Inner Seeger	Ø47	1	
8	0019 0083	Anello Tenuta	Oil Seal	Ø35x47x7	1	
9	0405 0067	Coperchio Supp. porta Cusc.	Support Cover		1	
10	1210 0345	Guarnizione OR	O-Ring	Ø1,78x101,32	1	
11	0438 0094	Cuscinetto a Sfere	Ball Bearing	Ø35x80x21	1	
12	0601 0132	Distanziale	Spacer	Ø35xØ48x18	1	
13	0010 0020	Anello Tenuta Biella	Connecting Rod Ring	Ø80x68	2	
14	0001 0402	Albero Passante	Throughshaft	1"3/8-Ø30 Cil.	1	
15	1602 0018	Linguetta	Key	8x7x40	1	
17	0601 0134	Distanziale	Spacer	Ø35xØ44x10	1	
18	2813 0036	Rondella Tenuta Biella	Connecting Rod Washer		2	
19	0438 0094	Cuscinetto a Sfere	Ball Bearing	Ø35x80x21	1	
20	0403 0118	Carter Pompa	Pump Crankcase		1	
21	0019 0083	Anello Tenuta	Oil Seal	Ø35x47x7	1	
22	3020 0009	Seeger Interno	Inner Seeger	Ø47	1	
23	0205 0038	Kit Biella 4SET	Connecting Rod Ass.y		1	
24	2409 0081	Pistone	Piston	Ø75	4	BP171K
	2409 0096	Pistone	Piston	Ø70	4	BP151K
25	3020 0001	Seeger Interno	Inner Seeger	Ø15	8	
26	3011 0001	Spinotto	Gudgeon Pin	Ø15x53	4	
27	0020 0009	Anello Compressione	Compression Ring	Ø75	4	BP171K
	0020 0001	Anello Compressione	Compression Ring	Ø70	4	BP151K
28	0400 0077	Camicia	Piston Sleeve	Ø75	4	BP171K
	0400 0088	Camicia	Piston Sleeve	Ø70	4	BP151K
29	1800 0002	Membrana Pompa	Diaphragm	Gomma Nitrilica Buna Rubber	4	
	1800 0178	Membrana Pompa	Diaphragm	Desmopan ®	4	
	1800 0032	Membrana Pompa	Diaphragm	Viton ®	4	
30	0602 0045	Disco Tenuta Membrana	Disc		4	
31	3605 0005	Vite Speciale Tenuta Membr.	Diaphragm Holder Screw	M12x1,5	4	
32	2400 0064	Piede Sostegno Pompa	Pump Mounting Bracket		2	
33	3609 0192	Vite	Screw	M10x50	4	
34	3607 0223	Vite Testa Esagonale	Hexagonal Screw	M10x65	4	
35	1209 0033	Guarnizione	Gasket	Ø14x7,5x2	2	
36	3610 0003	Valvola Aria	Air Valve		1	
37	0003 0030	Accumulat. Press. Sup.	Pressure Accumulator	Arancione / Orange	1	BP171K
	0003 0015	Accumulat. Press. Sup.	Pressure Accumulator		1	BP151K
38	1800 0034	Membrana Accumulat.	Diaphragm		1	
39	0460 0036	Calotta Sostegno Membr.	Diaphragm Support Cap		1	
40	0002 0024	Accumulat. Press. Infer.	Pressure Accumulator		1	
41	2811 0098	Rondella	Washer	Ø10,5x18x2	4	
42	0604 0105	Dado	Nut	M10	4	
43	1210 0185	Guarnizione OR	O-Ring	Ø4,0x38	1	
44	3609 0156	Vite	Screw	M8x55	2	
45	2801 0032	Raccordo p.g. Curvo	Elbow Coupling	Ø25	1	
46	2404 0108	Piastra Fiss. Raccordo	Hose Tail Fixing Plate		1	
47	1210 0180	Guarnizione OR	O-Ring	Ø3x29	1	
48	3214 0039	Tubo Mandata	Delivery Hose		2	
49	2811 0099	Rondella	Washer	Ø8,4x15x1,6	4	

N°	Cod.	Descrizione	Description	Note	Q.ty	Model
50	0604 0107	Dado	Nut	M8	2	
51	2811 0099	Rondella	Washer	Ø8,4x15x1,6	1	
52	3609 0156	Vite	Screw	M8x55	2	
53	2811 0099	Rondella	Washer	Ø8,4x15x1,6	4	
54	3609 0162	Vite	Screw	M8x40	4	
55	1210 0011	Guarnizione OR	O-Ring	Ø3,0x36	8	
56	3214 0038	Tubo Mandata	Delivery Hose		2	
57	3609 0163	Vite	Screw	M10x40	4	
58	0418 0040	Cavallotto	U-Bolt		4	
59	1205 0034	Gabbia Valv. Aspir./Mand.	Suct./Deliv. Valve Cage		8	
60	1802 0255	Molla	Spring		8	
61	3604 0009	Valvola Aspir./Mandata	Suction/Delivery Valve		8	
62	3009 0022	Sede Valvola Asp./Mand.	Suct./Deliv. Valve Seat		8	
63	1210 0419	Guarnizione OR	O-Ring	Ø6x37x49	8	
64	1220 0046	Gruppo Valv. Asp./Mand.	Suct./Del. Valve Ass.y kit		8	
65	3218 0123	Testata Pompa	Pump Manifold		4	
66	3609 0192	Vite	Screw	M10x50	12	
67	2811 0098	Rondella	Washer	Ø10,5x18x2	12	
68	3214 0038	Tubo Mandata	Delivery Hose		3	
69	1210 0011	Guarnizione OR	O-Ring	Ø3,0x36	8	
70	3609 0140	Vite	Screw	M8x55 INOX	2	
71	2801 0055	Raccordo p.g. Curvo	Elbow Coupling	Ø40	1	
72	2404 0108	Piastra Fiss. Raccordo	Hose Tail Fixing Plate		1	
73	1210 0180	Guarnizione OR	O-Ring	Ø3x29	1	
74	3214 0039	Tubo Mandata	Delivery Hose		1	
75	2811 0099	Rondella	Washer	Ø8,4x15x1,6	4	
76	0604 0107	Dado	Nut	M8	2	

Varianti

Version

77	0001 0412	Albero Passante	Throughshaft	1"3/8 M - 1"3/8 M	1	
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Kit

Optional

80	1219 0043	Valvola di Sicurezza	Safety Valve	20 Bar100-200L	1	
81	1202 0060	Gancio Fiss. Mandata	Delivery Hook		1	
82	2803 0356	Raccordo porta Valvola	Safety Valve Coupling	Ø25 - G1/2"	1	
83	1210 0002	Guarnizione OR	O-Ring	Ø2,62X 20,7	2	
84	2803 0334	Raccordo Speciale	Special Coupling		1	
85	3609 0159	Vite	Screw	M8x50	2	
86	2811 0099	Rondella	Washer	Ø8,4x15x1,6	2	
87	1210 0180	Guarnizione OR	O-Ring	Ø3,0X29	1	
88	2803 0364	Kit Valvola di Sicurezza	Safety Valve Kit	20 Bar100-200L	1	

Kit Manutenzione

Maintenance Kit

101	5026 0145	Kit Ricambi Manutenzione	Ordinary Maintenance Kit		1	
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