



GRUPPI COMANDO

BASSA PRESSIONE
low pressure

control units

Tipo Type	Portata max Max delivery		Pressione max Max pressure		N° Rubinetti Valves	Peso Weight kg	Dimensioni Dimensions (mm)			Ingresso Inlet mm	Scarico Return mm	Uscita Outlet mm	Pag.
	L/1'	gpm	bar	psi			L	H	W				
GS 20 S	50	13,2	20	290	3	1,6	240	220	205	Ø20	Ø18	Ø10	87
GS 25 S	50	13,2	20	290	2	1	229	279	167	Ø25	Ø18	Ø10	86
GS 35 S	100	26,4	20	290	4	1,7	314	212	257	Ø25	Ø25	Ø10	87
RM 20 S	50	13,2	20	290	3	1,6	257	193	266	Ø25	Ø25	Ø10	88
VDR 20 S	130	34,3	20	290	4	2,2	237	308	300	Ø25	Ø25	Ø10	88
ECM	160	42,3	20	290	2 - 4 - 6	1,2 ÷ 1,6	153÷306	250	252	Ø25	Ø25	Ø12 (10-20 Opt)	85
UCM	160	42,3	20	290	2 - 4 - 6	2,3 ÷ 2,7	235÷376	320	334	Ø25	Ø25	Ø12 (10-20 Opt)	85
IDROMINUS	160	42,3	20	290	4 - 5 - 6	3 ÷ 3,2	346÷426	320	340	Ø25	Ø25	Ø12 (10-20 Opt)	86
VSP 200	200	53	20	290	-	0,5	110	220	72	Ø1" 1/4	Ø1	Ø1" 1/4	89
VSP 400	400	105	20	290	-	1,1	138	264	88	Ø1" 1/2	Ø1" 1/2	Ø2"	89
VSP 600	600	158	10	145	-	3,1	187	377	110	Ø2"	Ø2"	Ø2"	89



ECM
AR 70bp÷AR 160bp



UCM
AR 70bp÷AR 160bp



IDROMINUS
AR 70bp÷AR 160bp



VSP 200
AR 70bp÷AR 185bp
VSP 400
AR 215bp÷AR 380bp
AR 320bp Twin÷AR 370bp Twin
AR 320bp TwinTop÷AR 370bp TwinTop
VSP 600
AR 410bp÷AR 460bp
AR 500bp Twin÷AR 560bp Twin
AR 500bp TwinTop÷AR 560bp TwinTop

POLY



GS 25 S
AR 45bp

POLY



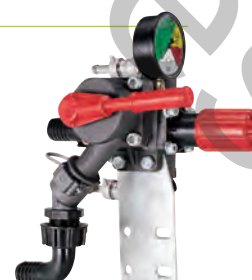
GS 35 S
AR 80bp



GS 20 S
AR 70bp



RM 20 S
AR 70bp÷AR 115bp



VDR 20 S
AR 70bp÷AR 135bp

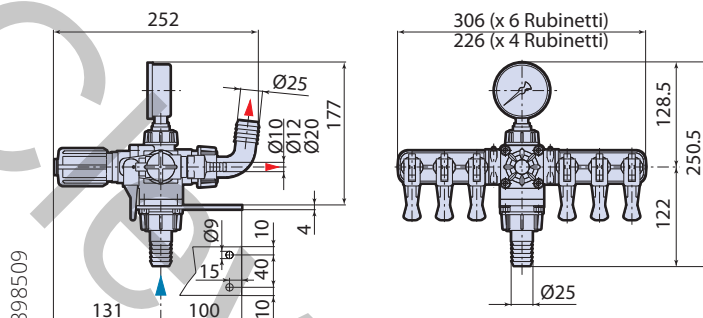
ECM

BASSA PRESSIONE
low pressure



Portata max	160	L/1'
Pressione max	20	bar
Temperatura max	60	°C
Peso	1,2 ÷ 1,6	kg

Max. flow	42.3	gpm
Max. pressure	290	psi
Max. temperature	140	°F
Weight	2,6 ÷ 3,5	lb



Modello / Model	ECM					
Cod.	1312	1314	1316	1322	1324	1326
N° Rubinetti No. of valves	2	4	6	2	4	6
Filtro mandata Delivery line filter	-	-	-	Sì Yes	Sì Yes	Sì Yes

Gruppo comando a distanza con valvola di regolazione pressione lavoro, completo di manometro a bagno di glicerina con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.



A richiesta con manometro isometrico a scala differenziale.
With differential scale isometric pressure gauge on request.

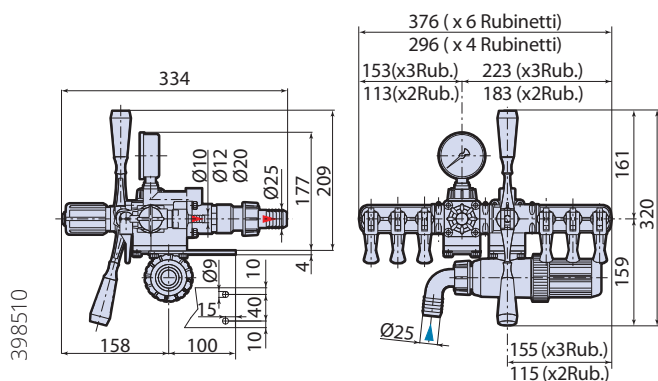


CM 398600
sp_ecm_ucm.pdf
MI 5754

UCM

Portata max	160	L/1'
Pressione max	20	bar
Temperatura max	60	°C
Peso	2,3 ÷ 2,7	kg

Max. flow	42.3	gpm
Max. pressure	290	psi
Max. temperature	140	°F
Weight	5,1 ÷ 6	lb



Modello / Model	UCM					
Cod.	1332	1334	1336	1342	1344	1346
N° Rubinetti <i>No. of valves</i>	2	4	6	2	4	6
Filtro mandata <i>Delivery line filter</i>	-	-	-	Sì Yes	Sì Yes	Sì Yes
Risucchio antigoccia <i>Anti drip</i>	Sì Yes	Sì Yes	Sì Yes	Sì Yes	Sì Yes	Sì Yes

Gruppo comando a distanza con valvola di regolazione pressione lavoro, leva comando apertura/ chiusura alimentazione barre, risucchio antigoccia e manometro a bagno di glicerina, con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.



A richiesta con manometro isometrico a scala differenziale.
With differential scale isometric pressure gauge on request.



CM 398600
sp_ecm_ucm.pdf
MI 5754

BASSA PRESSIONE
low pressure

Remote control unit with working pressure regulating valve, complete with glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.

Remote control unit with working pressure regulating valve, bar feeding opening/closure control lever, anti drip and glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.

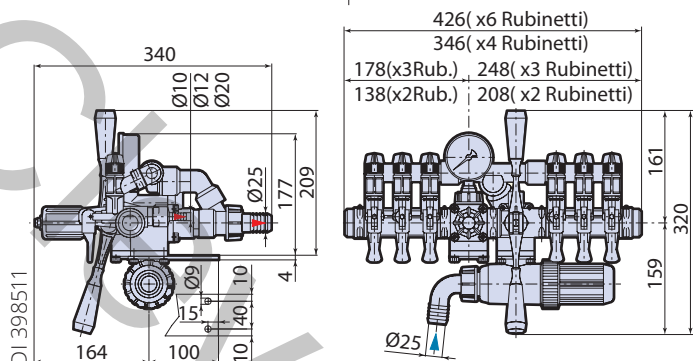


BASSA PRESSIONE

low pressure

A richiesta con manometro isometrico a scala differenziale.
With differential scale isometric pressure gauge on request.

CM filtro 398620
sp_idrominus.pdf
MI 99158

A detailed view of a fire pump assembly, featuring a black main body with several red handles and a pressure gauge at the top. The assembly is shown from a side-on perspective, highlighting its complex mechanical structure and the arrangement of its various components.

Gruppo comando a distanza con valvola di regolazione pressione lavoro, completo di manometro a bagno di glicerina con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.

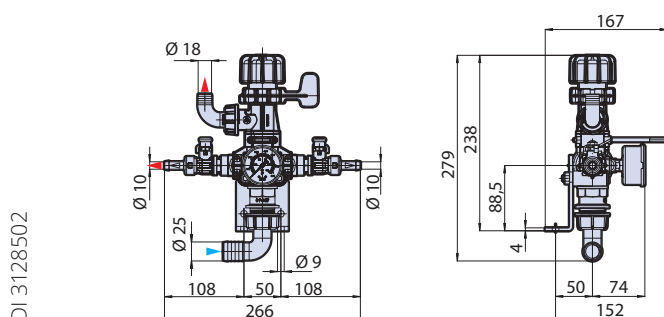
Remote control unit with working pressure regulating valve, complete with glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.

GS 25 S

BASSA PRESSIONE

low pressure

POLY



Modello / Model	GS 25 S	GS 25 S Viton
Cod.	911	912
N° Rubinetti <i>No. of valves</i>	2	2

Gruppo comando a distanza con valvola di regolazione pressione lavoro, leva comando apertura/ chiusura alimentazione barre, risucchio antigoccia e manometro a bagno di glicerina, con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.

Remote control unit with working pressure regulating valve, bar feeding opening/closure control lever, anti drip and glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.



CM 3128601
sp_gs25s.pdf
MI 91209

GS 35 S

low pressure

POLY

Portata max	100	L/1'	Max. flow	26,4	gpm
Pressione max	20	bar	Max. pressure	290	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,7	kg	Weight	3,7	lb



Modello / Model	GS 35 S	GS 35 S Viton
Cod.	915	916
N° Rubinetti <i>No. of valves</i>	4	4

Gruppo comando a distanza con valvola di regolazione pressione lavoro, completo di manometro a bagno di glicerina con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.



GS 20 S

low pressure

Portata max	50	L/1'	Max. flow	13,2	gpm
Pressione max	20	bar	Max. pressure	290	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,6	kg	Weight	3,5	lb



Modello / Model	GS 20 S
Cod.	887
N° Rubinetti <i>No. of valves</i>	3

Gruppo comando a distanza con valvola di regolazione pressione lavoro, leva comando apertura/ chiusura alimentazione barre, risucchio antigoccia e manometro a bagno di glicerina, con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.



Remote control unit with working pressure regulating valve, bar feeding opening/closure control lever, anti drip and glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.



low pressure



CM 1158600
sp_rm20s.pdf
VI 99372

Gruppo comando a distanza con valvola di regolazione pressione lavoro, completo di manometro a bagno di glicerina con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.

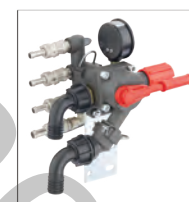
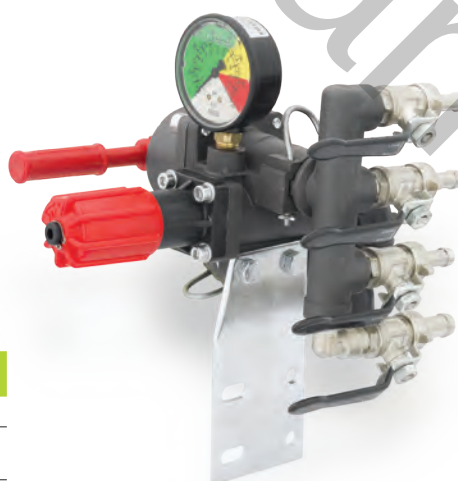
Remote control unit with working pressure regulating valve, complete with glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.

VDR 20 S

low pressure

A richiesta con manometro isometrico a scala differenziale.
With differential scale isometric pressure gauge on request.

CM 1048608
sp_vdr20s.pdf
MI 99372



Gruppo comando a distanza con valvola di regolazione pressione lavoro, leva comando apertura/ chiusura alimentazione barre, risucchio antigoccia e manometro a bagno di glicerina, con quadrante colorato, a richiesta con manometro isometrico a scala differenziale. Filtro mandata autopulente, a richiesta.

Remote control unit with working pressure regulating valve, bar feeding opening/closure control lever, anti drip and glycerine bath pressure gauge with coloured dial, with differential scale isometric pressure gauge on request. Self-cleaning delivery line filter supplied on request.

VSP 200

VSP 400

VSP 600

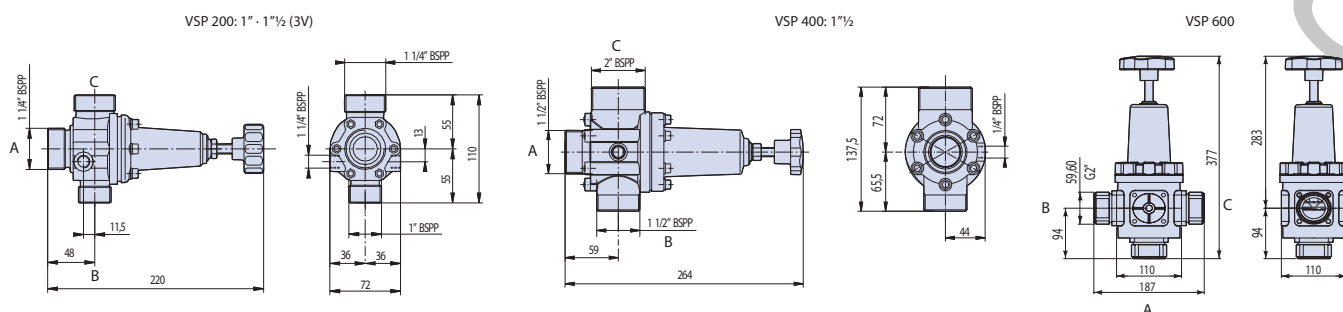


Modello / Model		VSP 200	VSP 400	VSP 600
Cod.		51489	51490	51491
Portata max Max flow	L/min	200	400	600
	gpm	53	105	158
Pressione max Max pressure	bar	20	20	10
	psi	290	290	145
Ø	membrana	1"	1" 1/2	2"
	A	1" 1/4	1" 1/2 (M)	2" (M)
	B	1"	1" 1/2 (M)	2" (M)
	C	1" 1/4	2" (M)	2" (M)

Valvole di sicurezza di massima pressione ad intervento automatico a molla. Realizzate in materiale plastico (nylon e fibra di vetro) particolarmente resistente ai prodotti chimici liquidi, anche aggressivi. Utilizzate come valvole di sicurezza garantiscono una pressione costante qualora non sia necessaria una regolazione continua della pressione di lavoro. Bypassa il liquido in eccesso e permette di mantenere costante la pressione di linea. Disponibile nella versione a membrana (per una migliore precisione di regolazione).

Automatic spring-loaded maximum pressure safety valves.

These valves are made of a plastic (nylon and fiberglass) which is particularly resistant to liquid chemical products and even abrasive liquid chemical products. If they are used as safety valves, they guarantee a constant pressure whenever it is not necessary to continuously regulate the working pressure. Any excess liquid bypasses the valve and allows it to maintain a constant line pressure. Available in the membrane version (for better regulating accuracy) and the piston version (to deaden the effect of vibrations).







MEDIA PRESSIONE

Medium Pressure





AR DUE

MEDIA PRESSIONE
medium pressure

Kit Applicazioni pag. 98.
Application kits page 98.

Gruppi comando vedi pag. 112.
For control units please see page 112.

Serie ANODIZZATA
anodised series



disinfestazione
pest control



carriole
wheelbarrows



antincendio
fire-fighting



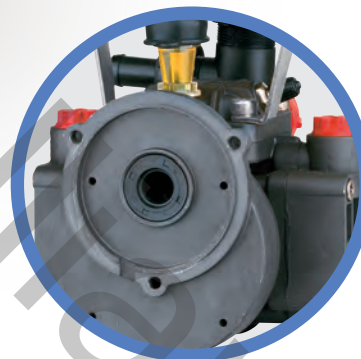
AR DUE SP VRI



SP VRI



SP SGC



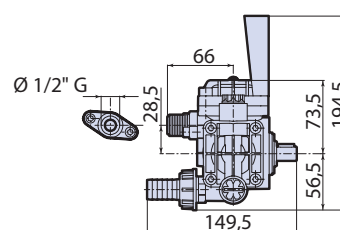
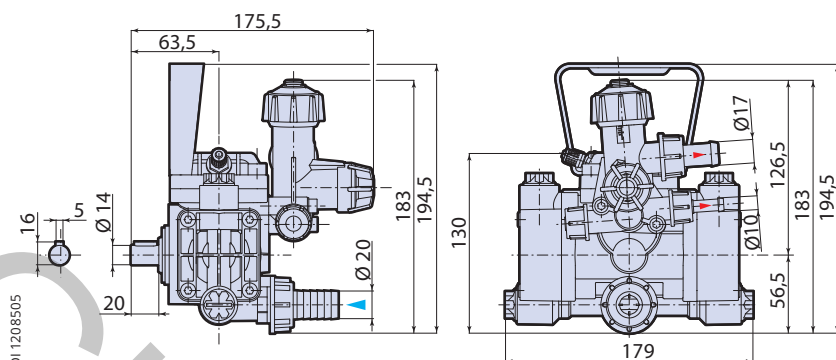
CR/xS

Caratteristiche Generali

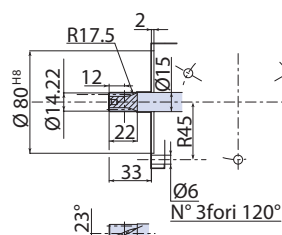
Pompa a due membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, Desmopan o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di camera aria.

General Features

Semi-hydraulic two-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with air chamber.



CR/xS



Dati dentatura elicoidale	
Mn	1,250
Mc	1,358
Z	8
Dp	11,73
De	14,22
Di	8,81
α press.	20°
α elica	23° sinistra
Wildab. 3Z	6,01 _{-0.03}
Interasse	48,20
Rapp. Tras.	1:7.875

01800260

B **Pompa con Membrane in BlueFlex™**
Pumps with BlueFlex™ diaphragm

NBR **Pompa con Membrane in NBR**
Pumps with NBR diaphragm

95



AR 202 - AR 252

MEDIA PRESSIONE
medium pressure

Kit Applicazioni pag. 98.
Application kits page 98.

Gruppi comando vedi pag. 112.
For control units please see page 112.

Serie ANODIZZATA
anodised series



disinfestazione
pest control



carriole
wheelbarrows



antincendio
fire-fighting



AR 202 SP VRI

AR 252 SP SGC



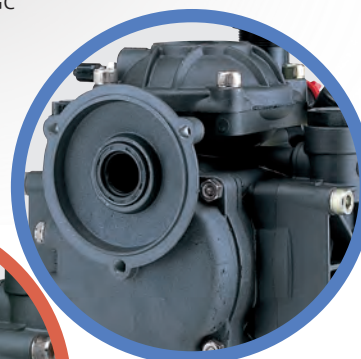
SP VRI



SP SGC



AP SP SGC



CR/XS

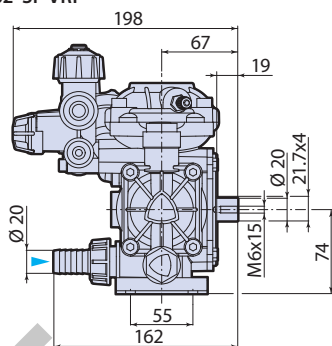
Caratteristiche Generali

Pompa a due membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, Desmopan, Viton o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di camera aria.

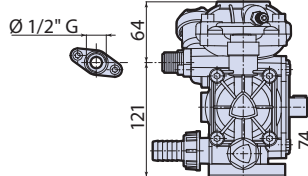
General Features

Semi-hydraulic two-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with air chamber.

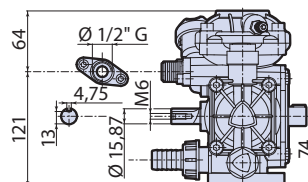
AR 202 SP VRI



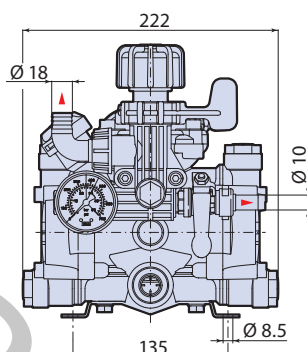
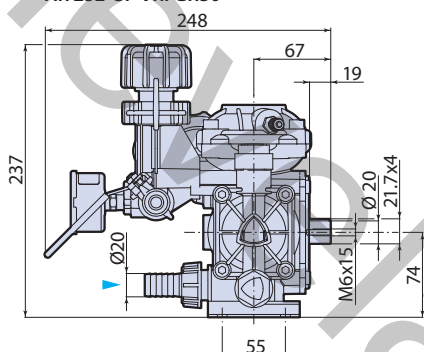
SP SGC



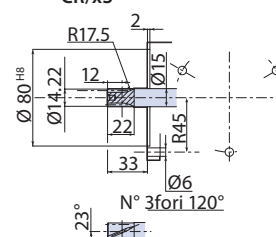
AP SP SGC



AR 252 SP VRI GR30



CR/xS



Dati dentatura elicoidale

Mn	1,250
Mc	1,358
Z	8
Dp	11,73
De	14,22
Di	8,81
press.	20°
elica	23° sinistra
Wildab. 3Z	6,01 _{0.03}
Interasse	48,20
Rapp. Tras.	1:7,875

DI 800260

MOD	COD			 MAX	 MAX	 RPM		 NET				
	SP VRI	SP SGC	CR/xS	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 202 NBR	153	157	163	23,2	6,1	20	290	650	60	140	4	8,8
AR 202 	32090	32091	32092	23,2	6,1	20	290	650	60	140	4	8,8
AR 252 NBR	-	158	-	24,6	6,5	25	362	650	60	140	4	8,8
AR 252 	-	32093	-	24,6	6,5	25	362	650	60	140	4	8,8
AR 252 AP NBR	-	159	-	24,6	6,5	25	362	650	60	140	4	8,8
AR 252 AP 	-	32094	-	24,6	6,5	25	362	650	60	140	4	8,8

 Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

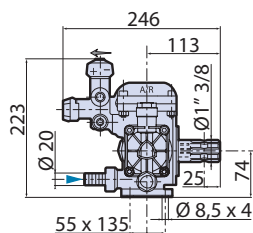
NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

 MAX		 RPM											
		400			500			600			650		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 202													
0	0	15,0	4,0	0,09	18,1	4,8	0,13	21,7	5,7	0,19	23,2	6,1	0,21
5	72	11,8	3,1	0,23	14,7	3,9	0,30	17,7	4,7	0,38	19,2	5,1	0,39
10	145	11,3	3,0	0,36	14,2	3,8	0,47	17,1	4,5	0,55	18,5	4,9	0,59
15	218	11,2	3,0	0,50	14,1	3,7	0,62	16,9	4,5	0,74	18,3	4,8	0,80
20	290	11,1	2,9	0,60	14,0	3,7	0,79	16,8	4,4	0,93	18,2	4,8	1,02
AR 252													
0	0	16,0	4,2	0,13	20,5	5,4	0,19	23,1	6,1	0,21	24,6	6,5	0,24
5	72	13,5	3,6	0,30	17,3	4,6	0,38	20,8	5,5	0,46	22,2	5,9	0,46
10	145	13,2	3,5	0,44	16,6	4,4	0,58	19,8	5,2	0,64	21,3	5,6	0,71
15	218	13,1	3,5	0,58	16,4	4,3	0,76	19,6	5,2	0,89	21,2	5,6	0,98
20	290	13,0	3,4	0,72	16,3	4,3	0,94	19,5	5,2	1,11	21,0	5,6	1,21
25	362	12,9	3,4	0,87	16,2	4,3	1,10	19,3	5,1	1,33	20,9	5,5	1,42



AR DUE
AR 202
AR 252

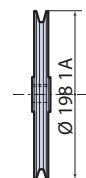
Kit Appl. C cod.1488



DI 808562

AR202 - AR252
Cardano 1" $\frac{3}{8}$ · 1" $\frac{3}{8}$ universal shaft

Kit Appl.P cod.1500



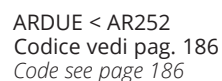
AR202 - AR252
Puleggia 1A ø198mm
Pulley 1A ø198mm

Kit Appl.FM/FT (1)



Per motocoltivatori, motozappe,
trattori
*For motor-cultivators, motor-hoes,
tractors.*

Kit Appl. IDM (1)



Per motori idraulici
For hydraulic motors

(1) Le dimensioni di questi kit applicazione variano a seconda della marca e del tipo di macchina a cui deve essere applicata la pompa.

(1) The dimensions of these kits vary according to the make and type of machine the pump is to be installed on.

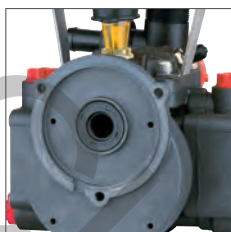
The applications should be used only with the proper protective equipment for the safety of the operator.

KIT APPLICAZIONI

application kits

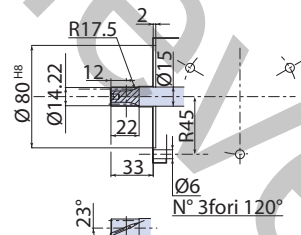
MEDIA PRESSIONE
medium pressure

AR DUE
AR 202
AR 252



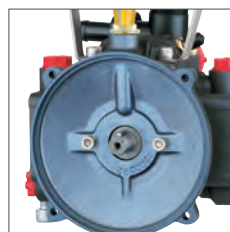
CR 1:4,6
cod.1606

ARDUE
Riduttore per motori scoppio 2
tempi speciali, con base motore.
*Reduction gear for special two-stroke
engines, with motor base.*



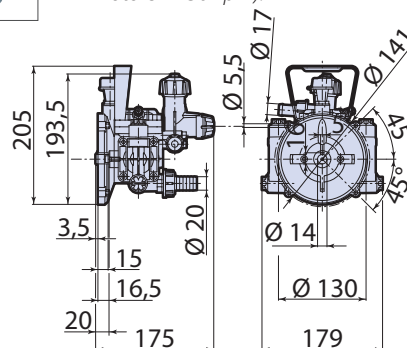
DI 800260

Dati dentatura elicoidale	
Mn	1,250
Mc	1,358
Z	8
Dp	11,73
De	14,22
Di	8,81
press.	20°
elica	23° sinistra
Wildab. 3Z	6,01 _{-0,03}
Interasse	48,20
Rapp. Tras.	1:7,875

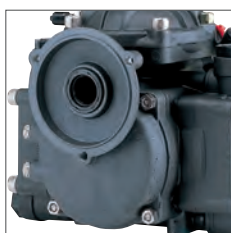


FLANGIA - FLANGE
cod.1603

ARDUE
Flangia accoppiamento diretto con
motori elettrici monofase-trifase
speciali 4 poli 1450 rpm.
*Direct coupling flange with special
four-pole single/three-phase electric
motors 1450 rpm).*

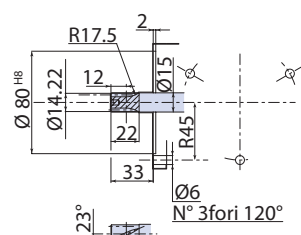


CM 808632



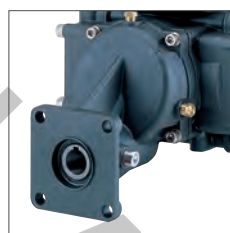
CR 1:7,8
cod.1610

AR202 - AR252
Riduttore per motori scoppio 2
tempi speciali, con base motore.
*Reduction gear for special two-stroke
engines, with motor base.*



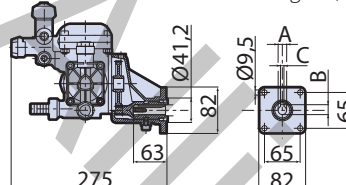
DI 800260

Dati dentatura elicoidale	
Mn	1,250
Mc	1,358
Z	8
Dp	11,73
De	14,22
Di	8,81
press.	20°
elica	23° sinistra
Wildab. 3Z	6,01 _{-0,03}
Interasse	48,20
Rapp. Tras.	1:7,875

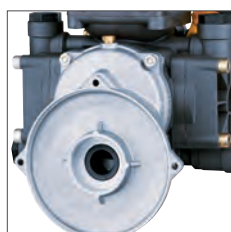


CR 1:4,3 Ø 5/8" cod.1615
CR 1:4,3 Ø18mm cod.1618
CR 1:6 Ø15mm cod.1622
CR 1:6 Ø 5/8" cod.1617
CR 1:4,3 Ø 3/4" cod.1613

AR202 - AR252
Riduttori motori a scoppio 4 tempi,
flangia SAE J609a.
*Reduction gears for four-stroke
engines, SAE J609a flange*

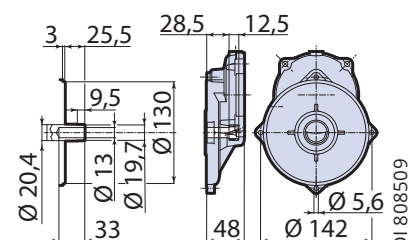


Cod.	1615	1618	1622	1617	1613
Ratio	1:4,3	1:4,3	1:6	1:6	1:4,3
A	Ø15,86	Ø18	Ø15	Ø15,86	Ø19,05
B	18,2	20,5	17,5	18,2	21,4
C	4,8	5	5	4,8	4,8



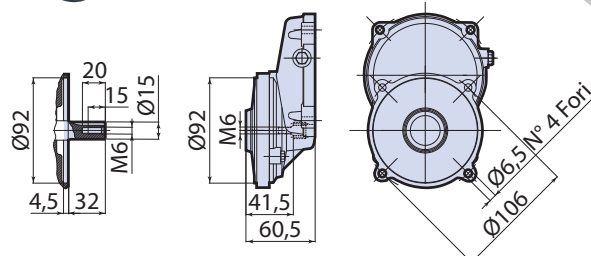
CR 1:4,3
cod.1608

AR202 - AR252
Riduttore motori elettrici speciali
mono/trifase 2poli (2800 rpm)
*Reduction gear for special two-stroke
engines, with motor base (2800 rpm).*



CR 1:7,8 Ø15mm cod.1605

AR202 - AR252
Riduttore 1:7,8 per motori a scop-
pio albero cilindrico
*1:7.8 reduction gear for special four-
stroke engines with motor base*





AR 303 - AR 403

Serie ANODIZZATA
anodised series

Kit Applicazioni pag. 110.
Application kits page 110.

Gruppi comando vedi pag. 112.
For control units please see page 112.

MEDIA PRESSIONE
medium pressure



disinfestazione
pest control



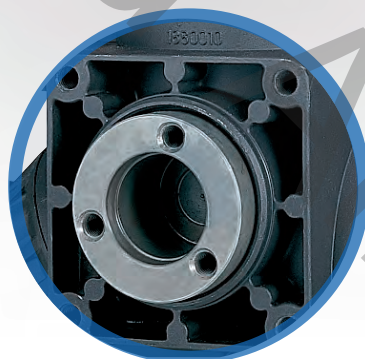
carriole
wheelbarrows



antincendio
fire-fighting



AR 403 SP



SP



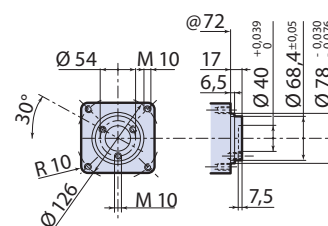
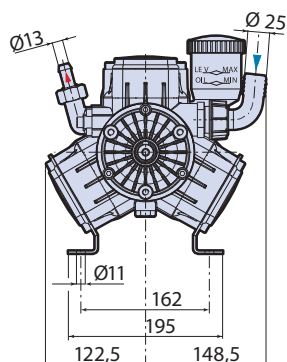
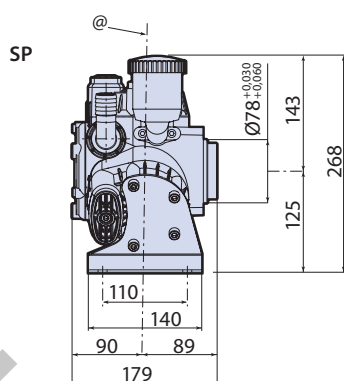
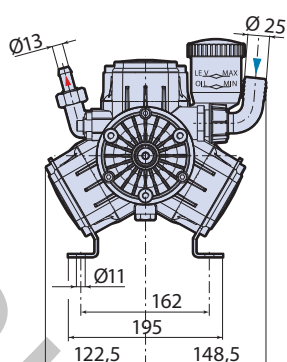
AP C/SP

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di cuffia di protezione cardano.

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with cardan protection.

[illegible]CM 1888600
sp_ar303_ar403.pdf
MI91408

Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

101



AR 503

MEDIA PRESSIONE
medium pressure

Serie ANODIZZATA
anodised series

Kit Applicazioni pag. 110.
Application kits page 110.

Gruppi comando vedi pag. 112.
For control units please see page 112.



disinfestazione
pest control



carriole
wheelbarrows



antincendio
fire-fighting



AR 503 SP



SP



AP C/SP

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo e cuffia di protezione cardano.

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm and cardan protection.



AR 30

MEDIA PRESSIONE
medium pressure

Serie PLASTIFICATA
plastic-coated series

Kit Applicazioni pag. 110.
Application kits page 110.

Gruppi comando vedi pag. 112.
For control units please see page 112.



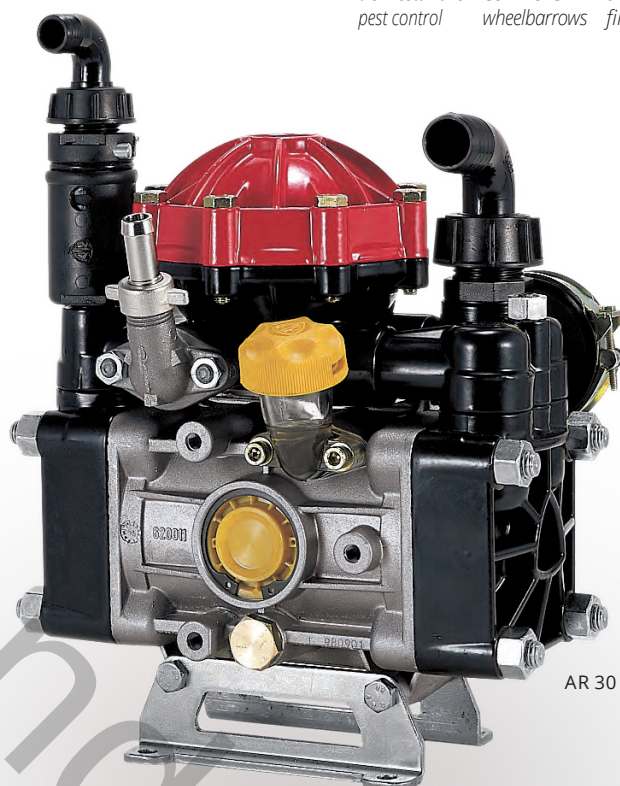
disinfestazione
pest control



carriole
wheelbarrows



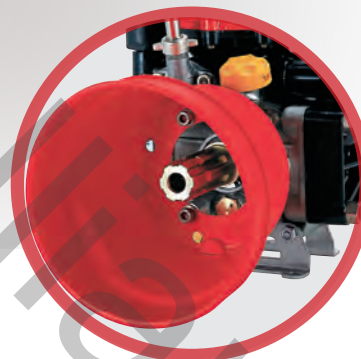
antincendio
fire-fighting



AR 30 SP



SP



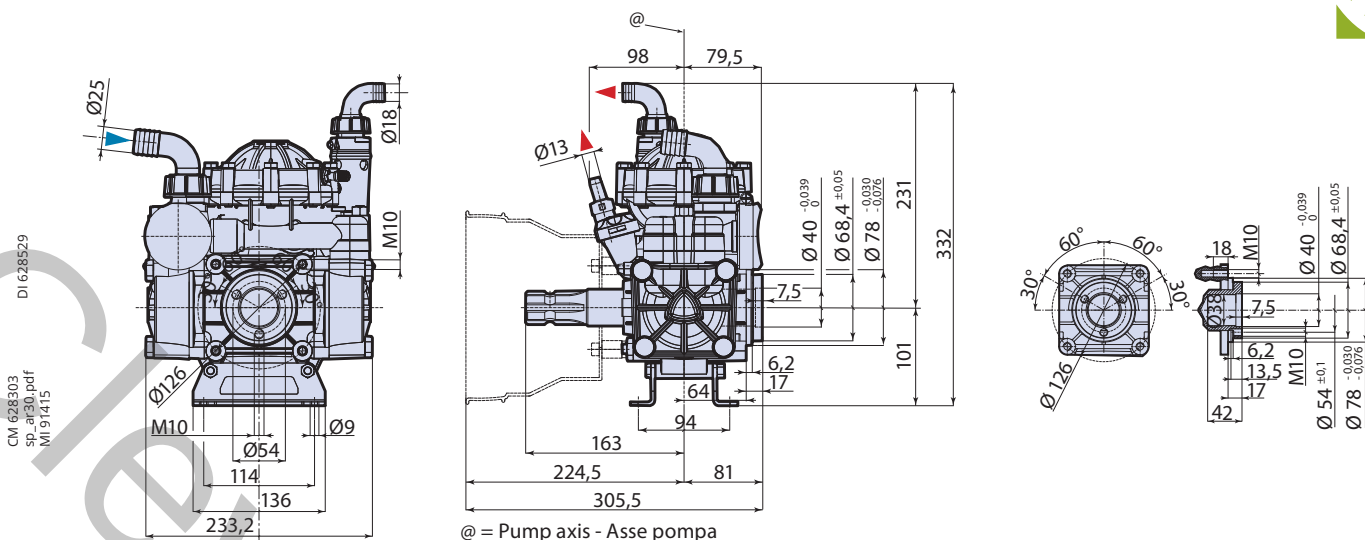
AP C/SP

Caratteristiche Generali

Pompa a due membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria, compensatore di pulsazioni in aspirazione e cuffia di protezione cardano.

General Features

Semi-hydraulic two-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber, suction pulsation dampener and cardan protection.



MOD	COD		 MAX	 MAX	 RPM		 NET				
	SP	AP C/SP	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 30 NBR	301	-	36,2	9,6	40	580	550	60	140	9,3	20,5
AR 30 	32095	-	36,2	9,6	40	580	550	60	140	9,3	20,5
AR 30 AP NBR	-	335	36,2	9,6	40	580	550	60	140	9,3	20,5
AR 30 AP 	-	32096	36,2	9,6	40	580	550	60	140	9,3	20,5

 Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm
NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

 MAX		 RPM											
		400			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 30													
0	0	26,1	6,9	0,2	29,5	7,8	0,2	32,8	8,7	0,3	36,2	9,6	0,6
10	145	22,9	6,0	0,7	25,3	6,7	0,8	28,6	7,6	0,9	30,9	8,2	1,0
20	290	22,1	5,8	1,1	24,7	6,5	1,3	27,5	7,3	1,5	30,4	8,0	1,6
30	435	21,9	5,8	1,7	24,6	6,5	1,9	27,1	7,2	2,1	29,5	7,8	2,3
40	580	21,6	5,7	2,1	24,0	6,3	2,4	26,5	7,0	2,7	29,4	7,8	2,9



AR 40

Serie PLASTIFICATA
plastic-coated series

Kit Applicazioni pag. 110.
Application kits page 110.

Gruppi comando vedi pag. 112.
For control units please see page 112.

MEDIA PRESSIONE
medium pressure



disinfestazione
pest control



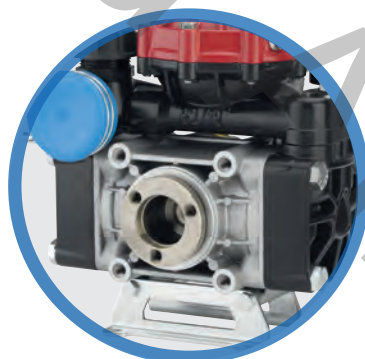
carriole
wheelbarrows



antincendio
fire-fighting



AR 40 SP



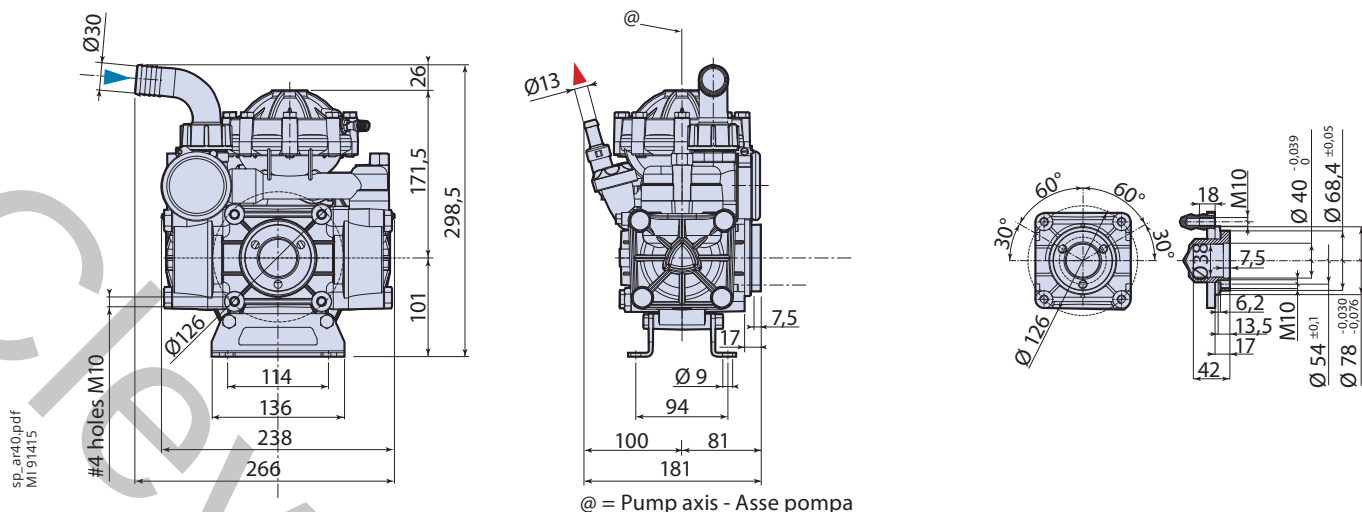
SP

Caratteristiche Generali

Pompa a due membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan e AISI 303/304. Membrane in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria, compensatore di pulsazioni in aspirazione e cuffia di protezione cardano.

General Features

Semi-hydraulic two-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber, suction pulsation dampener and cardan protection.



MOD	COD	 MAX	 MAX	 RPM		 NET				
	SP	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 40 	31829	46,3	12,2	40	580	550	60	140	9,5	20,9

B Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm
NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

 MAX		 RPM											
		400			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 40													
0	0	37,3	9,9	0,1	41,5	11,0	0,3	45,3	12,0	0,3	46,3	12,2	0,4
10	145	29,2	7,7	0,8	32,7	8,6	0,8	35,9	9,5	0,9	41,4	10,9	1,1
20	290	29,0	7,7	1,3	31,3	8,3	1,5	34,8	9,2	1,6	40,7	10,8	1,9
30	435	28,0	7,4	1,9	31,1	8,2	2,1	34,7	9,2	2,4	39,5	10,4	2,7
40	580	27,6	7,3	2,4	29,7	7,8	3,0	34,4	9,1	3,1	38,9	10,3	3,5



AR 50

MEDIA PRESSIONE
medium pressure

Serie PLASTIFICATA
plastic-coated series

Kit Applicazioni pag. 110.
Application kits page 110.

Gruppi comando vedi pag. 112.
For control units please see page 112.



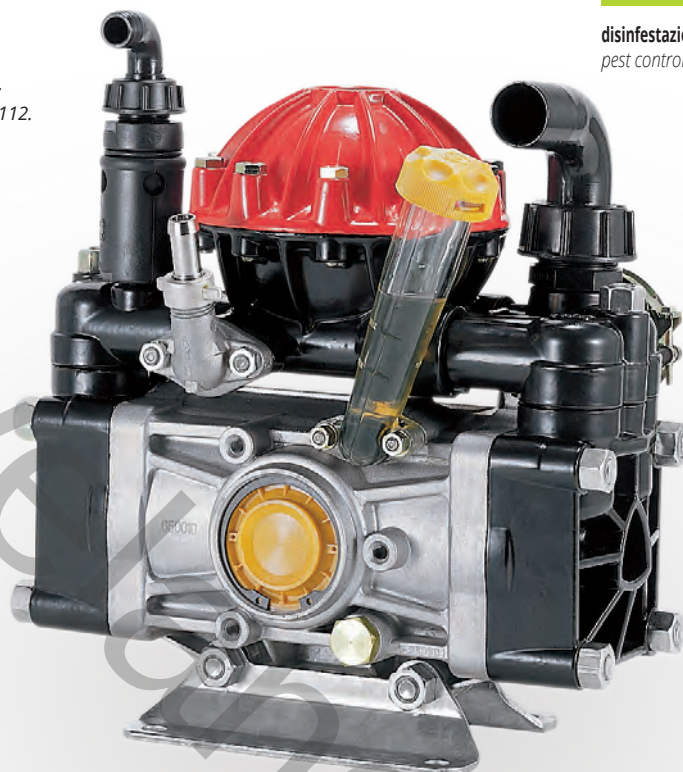
disinfestazione
pest control



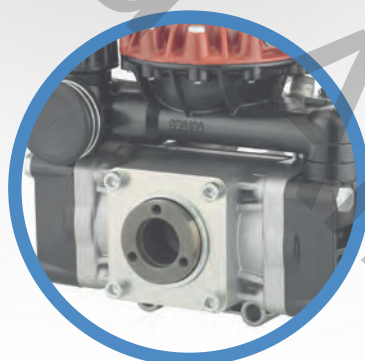
carriole
wheelbarrows



antincendio
fire-fighting



AR 50 SP



SP



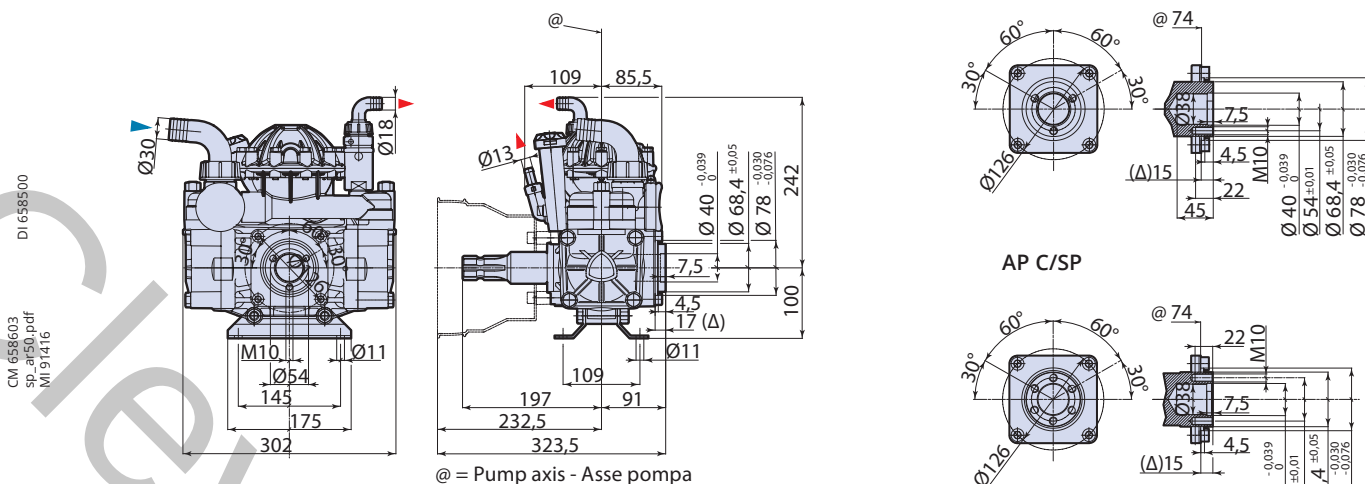
AP C/SP

Caratteristiche Generali

Pompa a due membrane idrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria, compensatore di pulsazioni in aspirazione e cuffia di protezione cardano.

General Features

Semi-hydraulic two-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber suction pulsation dampener and cardan protection.



- Δ Nelle pompe C/SP la quota Δ 17 si riduce a 15 con la flangia anello tenuta montata sul corpo pompa. N.B. Togliere la flangia anello tenuta cod. 1400140 prima di accoppiare il riduttore alla pompa.
- Δ In C/SP pumps the value Δ 17 is reduced to 15 with the seal ring flange mounted on the pump body. N.B. Remove the seal ring flange code 1400140 before fitting the reduction gear to the pump.

MOD	COD										
	SP	AP C/SP	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 50 NBR	401	-	65,8	17,4	40	580	550	60	140	16	39,3
AR 50 	32097	-	65,8	17,4	40	580	550	60	140	16	39,3
AR 50 AP NBR	-	429	65,8	17,4	40	580	550	60	140	16	39,3
AR 50 AP 	-	32098	65,8	17,4	40	580	550	60	140	16	39,3

Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

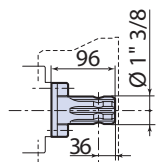
													
		400			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 50													
0	0	48,0	12,7	0,5	53,9	14,2	0,6	60,5	16,0	0,8	65,8	17,4	0,9
10	145	40,6	10,7	1,2	45,2	11,9	1,5	50,7	13,4	1,6	55,1	14,6	1,8
20	290	40,5	10,7	2,1	44,8	11,8	2,4	49,7	13,1	2,7	54,9	14,5	3,0
30	435	40,3	10,6	3,0	43,9	11,6	3,4	49,0	12,9	3,8	54,4	14,4	4,0
40	580	38,9	10,3	3,8	43,6	11,5	4,4	48,8	12,9	4,9	53,3	14,1	5,2



MEDIA PRESSIONE	AR 303	AR 30
<i>medium pressure</i>	AR 403	AR 40
	AR 503	AR 50

application kits

Kit Appl.C cod.1519



Cardano 1" $\frac{3}{8}$
1" $\frac{3}{8}$ universal shaft

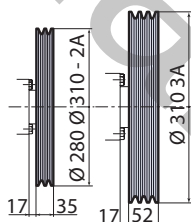
CM 658603
MI 5775

Kit Appl.FM/FT (1)



Per motocultivatori, motozappe,
trattori.
*For motor-cultivators, motor-hoes,
tractors*

Kit Appl.P



Puleggia
Pulley

Kit Appl. P cod.1504 Ø280 2A

Kit Appl. P cod.1495 Ø310 2A

Kit Appl. P cod.1520 Ø310 3A

Kit Appl. FDG (1)

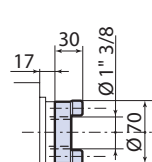


Per moltiplicatori.
For overgears.

Marca Make	Tipo · Type	KIT APPL. FDG Cod.
Bima	CAR 3 P Foratura esterna 160x75	5330
	CAR 3 P Foratura interna 70x82	5328
	M30N - M47N - M60N	5348
	MSC	5355
CMV	MA 50 Foratura esterna 160x75	5330
	MA 50 Foratura interna 70x82	5328
	MA86 MA86S MA107 MA107S MA110	5348
	MA110S MA110 3V	
Comer	A 4 A	55365
	D4 D7 D21 D27	5348
Fieni	CM 9 PG	55355
	Moltiplicatore V1	5290
GB	AP102	55365
	AT39	5330
	AT46 - AT53 - AT55 - AT65 - AT70	5348
Reduco	R810 R830 R840	5348

I codici si riferiscono al solo kit applicazione, pompa esclusa.
Le applicazioni sono da utilizzare solamente con le opportune protezioni a tutela dell'operatore.

(1) Le dimensioni di questi kit applicazione variano a secondo della marca e del tipo di macchina a cui deve essere applicata la pompa.

Kit Appl.F cod.1510

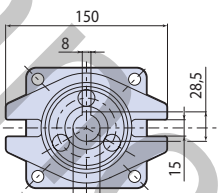
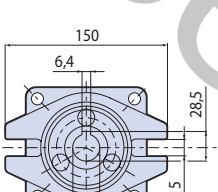
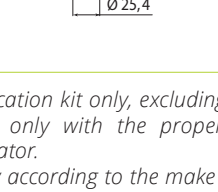
Femmina 1"3/8
1"3/8 female

Kit Appl.IDM/IDP

Applicazioni "IDP" per pompe idrauliche

Marca <i>Make</i>	Tipo <i>Type</i>	Codice <i>Code</i>	Dimensioni <i>Dimensions</i>
Casappa Salami	Pompe gruppo 3 flangia SAE - 1"	5335	

Applicazioni "IDM" per motori idraulici
Fittings for hydraulic motors "IDM"

Marca Make	Tipo Type	Codice Code	Dimensioni Dimensions
Sauer Danfoss	OMP 25 - 32 40 - 50 albero Ø25mm 80 - 100 - 160 OMR 80 OMR 100	5327	
	OMP 50 albero Ø25,4 mm (Ø 1") 80 - 100 - 160 OMR 80 OMR 100	5312	
Char- Lynn Eaton	Serie 2000 albero Ø25,4mm (Ø1") Tipo 2 - 80,2- 100,2 160	5312	

*The part numbers refer to the application kit only, excluding the pump.
The applications should be used only with the proper protective
equipment for the safety of the operator.*

(1) The dimensions of these kits vary according to the make and type of machine the pump is to be installed on.

KIT APPLICAZIONI

MEDIA PRESSIONE
medium pressure

AR 303
AR 403
AR 503

AR 30
AR 40
AR 50

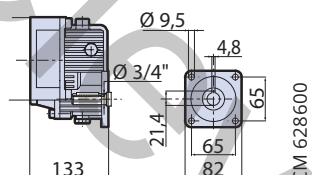


application kits



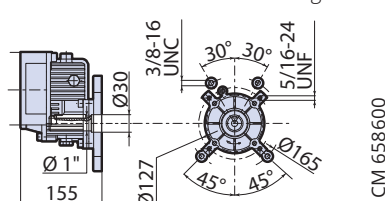
CR 1:5,9 Ø 3/4"
cod.1636

Riduttori motori a scoppio 4 tempi,
flangia SAE J609a
*Reduction gears for four-stroke
engines with SAE J609a flange*



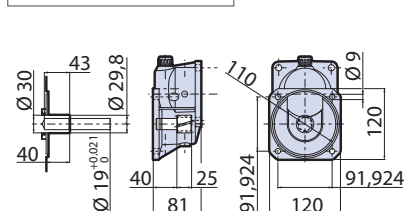
CR 1:5,9 Ø 1"
cod.1639

Riduttori motori a scoppio 4 tempi,
flangia SAE J609a
*Reduction gears for four-stroke
engines with SAE J609a flange*

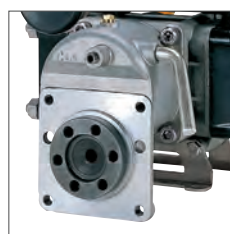


CR 1:2,85
cod.1624

Riduttore motori elettrici speciali
trifase 4poli (1450 rpm)
*Reduction gear for special 4-pole
three-phase electric motors (1450 rpm)*

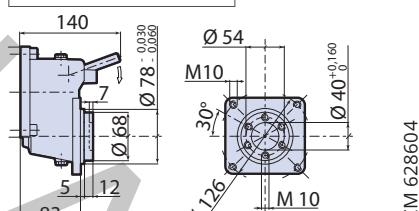


DI 658515
CM 628604



CR 1:2,6 cod.1646
CR 1:4,5 cod.1645

Riduttori con innesto-disinnesto, per
macchine agricole
*Reduction gears w/engagement-
disengagement for agricultural
machinery*

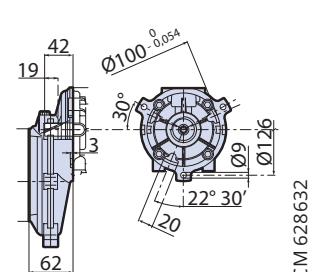


CM 628604



CR 1:8,8
cod.1630

Riduttore motori speciali 2 tempi.
*Reduction gear for special two-stroke
engines.*



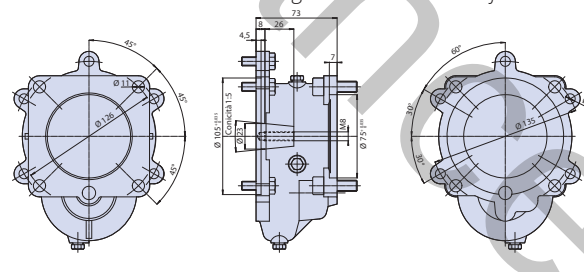
CM 628632

Dati dentatura elicoidale	
Mn	1,5
Mc	1,629
Z	9
Dp	16,17
De	19,17
Di	12,67
press.	20°
elica	23° sinistra
W 2	6,01, 0,03
Spess. N° 2 denti	



CR 1:5,9
cod.1632

Riduttori motori a scoppio speciali
albero conico.
*Reduction gears for special petrol
engines with conical shaft*



DI 628509
CM 628633

Per pompe versione
For version pump

SP

Tipo Type	Kit Appl. C	Kit Appl. F	Kit Appl. P	Kit Appl. FM/FT	Kit Appl. FDG	Kit Appl. IDM/IDP	CR 1:8,8 x S	CR 1:5,9 x S	CR 1:5,9 x S	CR 1:2,6 CR 1:4,5	CR 1:2,85 x ET
AR 303 AR 403	cod. 1519	cod. 1510	cod. 1504 cod. 1495	Vedi listino See price list	pag 194	pag 186	cod. 1630	cod. 1632	cod. 1636	cod. 1646 cod. 1645	cod. 1624
AR 503	cod. 1519	cod. 1510	cod. 1495 cod. 1520	Vedi listino See price list	pag 194	pag 186	-	cod. 1632	cod. 1639	cod. 1646 cod. 1645	cod. 1624
AR 30	cod. 1519	cod. 1510	cod. 1504 cod. 1495	Vedi listino See price list	-	pag 186	cod. 1630	cod. 1632	cod. 1636	cod. 1646 cod. 1645	cod. 1624
AR 40	cod. 1519	cod. 1510	cod. 1504 cod. 1495	Vedi listino See price list	-	-	cod. 1630	cod. 1632	cod. 1636	cod. 1646 cod. 1645	cod. 1624
AR 50	cod. 1519	cod. 1510	cod. 1495 cod. 1520	Vedi listino See price list	pag 194	pag 186	-	cod. 1632	cod. 1639	cod. 1646 cod. 1645	cod. 1624



GRUPPI COMANDO

MEDIA PRESSIONE
medium pressure

control units

Tipo Type	Portata max Max delivery		Pressione max Max pressure		N° Rubinetti Valves	Peso Weight kg	Ingresso Inlet mm	Scarico Return mm	Uscita Outlet mm	Pag.
	L/1'	gpm	bar	psi						
VR 20 S	25	5,7	20	290	1	1	Ø13	Ø16	Ø8	113
GR 20 S	40	10,6	20	290	2 (+1)	1,2	Ø13	Ø18	Ø10	113
GR 30	40	10,6	25	360	1 (+2)	1,2	Ø13	Ø18	Ø10	114
GR 40	40	10,6	40	580	2 (+1)	1,2	Ø13	Ø18	Ø10	117
NEW GMC 40	80	21,1	40	580	(2)	1,2	¾"G	Ø25	Ø10	115
GI 30	80	21,1	40	580	(1)	1,2	Ø13	Ø18	Ø10	118
GI 40	80	21,1	40	580	2 (+1)	1,6	Ø13	Ø18	Ø10	119
RM 40	50	13,2	40	580	2 (+1)	1,6	¾"G	Ø18	Ø10	120
VDR 50	130	34,3	50	725	2 (+2)	2,2	¾"G	Ø25	Ø13	122



VR 20 S
AR DUE, AR 202



GR 20 S
AR DUE, AR 202, AR 252



GR 30*
AR 252



GI 30*
AR 252



GI 40*
AR 30, AR 40, AR 50
AR 303, AR 403, AR 503



GR 40
AR 303, AR 403, AR 503



GMC 40
AR 303, AR 403, AR 503, AR 50



RM 40*
AR 503, AR 30, AR 40, AR 50



VDR 50*
AR 503, AR 30, AR 40, AR 50



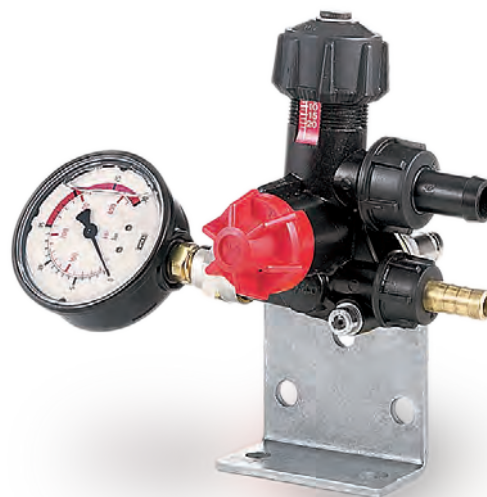
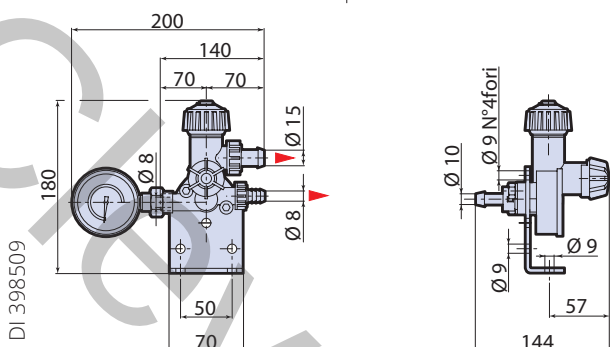
* Le foto si riferiscono a gruppi comando versione "a distanza".
* The photos are relative to "remote" control unit versions.

VR 20 S

MEDIA PRESSIONE
medium pressure



Portata max	25	L/1'	Max. flow	5,7	gpm
Pressione max	20	bar	Max. pressure	290	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1	kg	Weight	2,2	lb



CM 808601
sp_vr20s_gr20s.pdf

Modello / Model VR 20 S

Cod. 890

N° uscite
No. of valves 1



AR DUE



AR 202

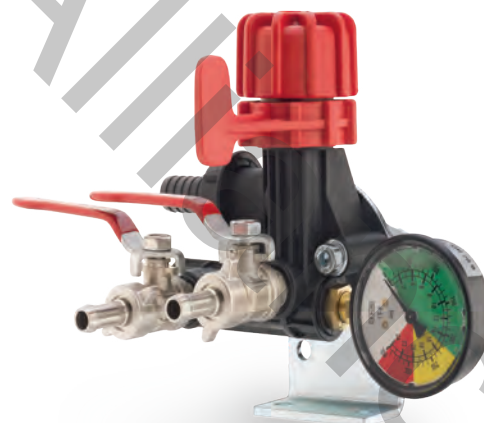
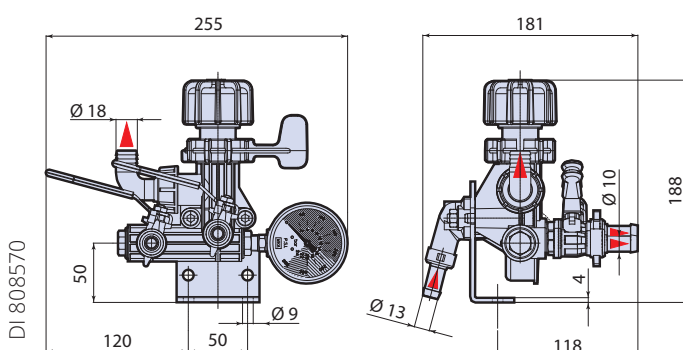
Valvola regolazione separata, con manometro per AR DUE, AR 202 SGC.

Separate regulating valve, with pressure gauge for AR DUE, AR 202 SGC pumps.

GR 20 S

MEDIA PRESSIONE
medium pressure

Portata max	40	L/1'	Max. flow	10,6	gpm
Pressione max	20	bar	Max. pressure	290	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,2	kg	Weight	2,6	lb



CM 1188650
sp_vr20s_gr20s.pdf

Modello / Model GR 20 S

Cod. 886

N° rubinetti
No. of valves 2



AR DUE



AR 202



AR 252

Gruppo comando con valvola di regolazione pressione lavoro, leva comando by-pass, completo di manometro a bagno di glicerina con quadrante colorato, per AR DUE, AR 202, AR 252.

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial for AR DUE, AR 202, AR 252 pumps.

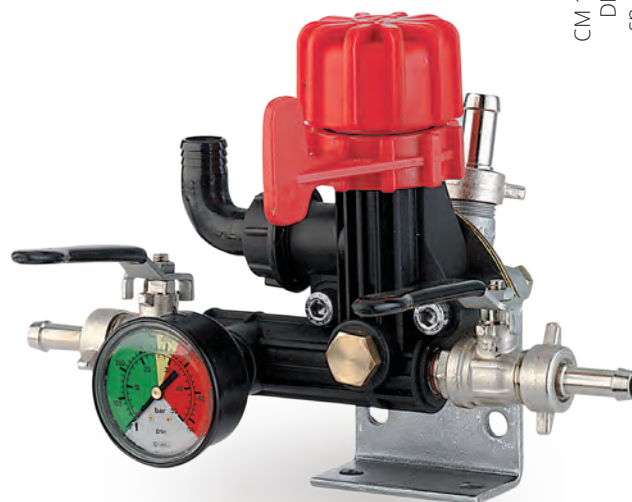
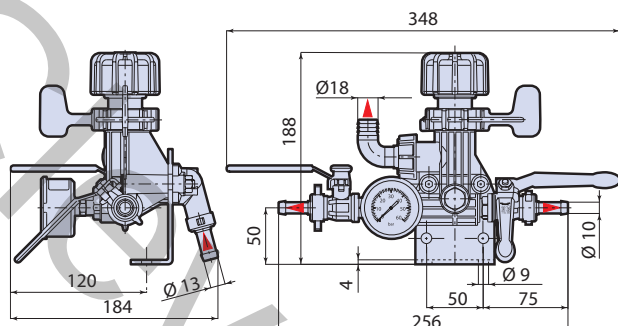


GR 30

MEDIA PRESSIONE
medium pressure

Portata max	40	L/1'	Max. flow	10,6	gpm
Pressione max	25	bar	Max. pressure	360	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,2	kg	Weight	2,6	lb

CM 1888640
DI 808567
sp_gr30.pdf
MI 99406



Cod. 879 + 892



AR 252

Gruppo comando con valvola di regolazione pressione lavoro, leva comando by-pass, completo di manometro a bagno di glicerina con quadrante colorato.

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 252

879
1 rubinetto
1 valve

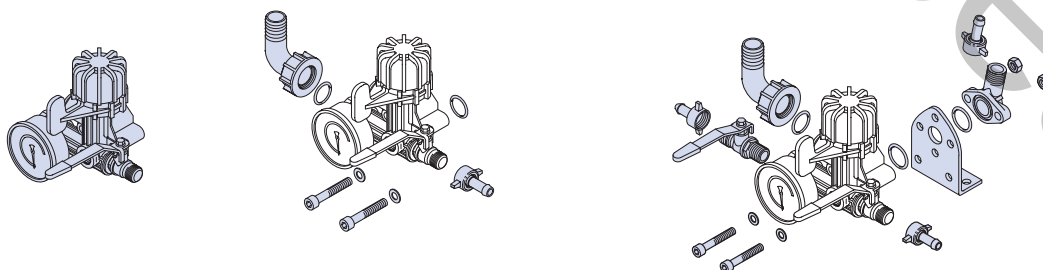
891

892
+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



879

891

892

GMC 40

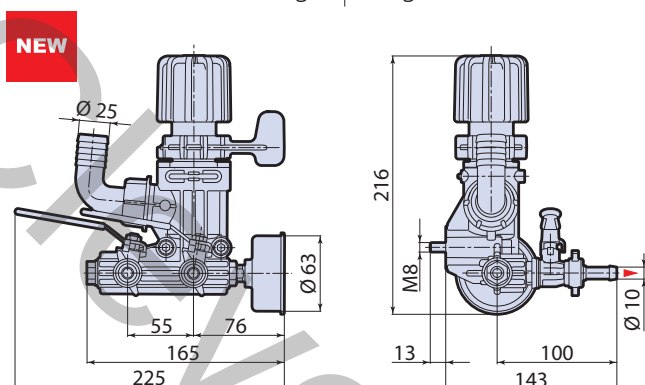
MEDIA PRESSIONE
medium pressure



Portata max	80	L/1'	Max. flow	21,1	gpm
Pressione max	40	bar	Max. pressure	580	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,2	kg	Weight	2,6	lb



CM 4908600
DI 4908500
sp_gmc40.pdf
MI 950940



Cod. 32266

AR 303 AR 403 AR 503 AR 50

Gruppo comando con valvola di regolazione pressione lavoro, leva comando by-pass, completo di manometro a bagno di glicerina con quadrante colorato.

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 303
AR 403
AR 50

43991

43993

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

32266
2 rubinetti
2 valves

AR 503

43992

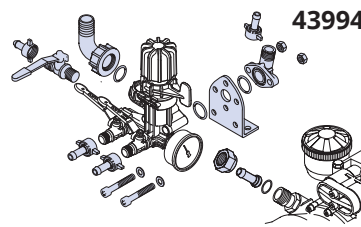
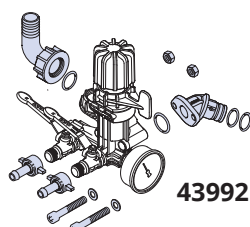
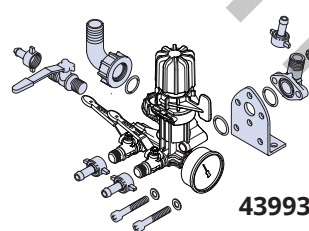
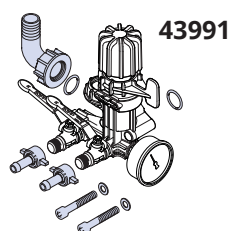
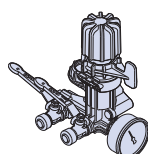
43994

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



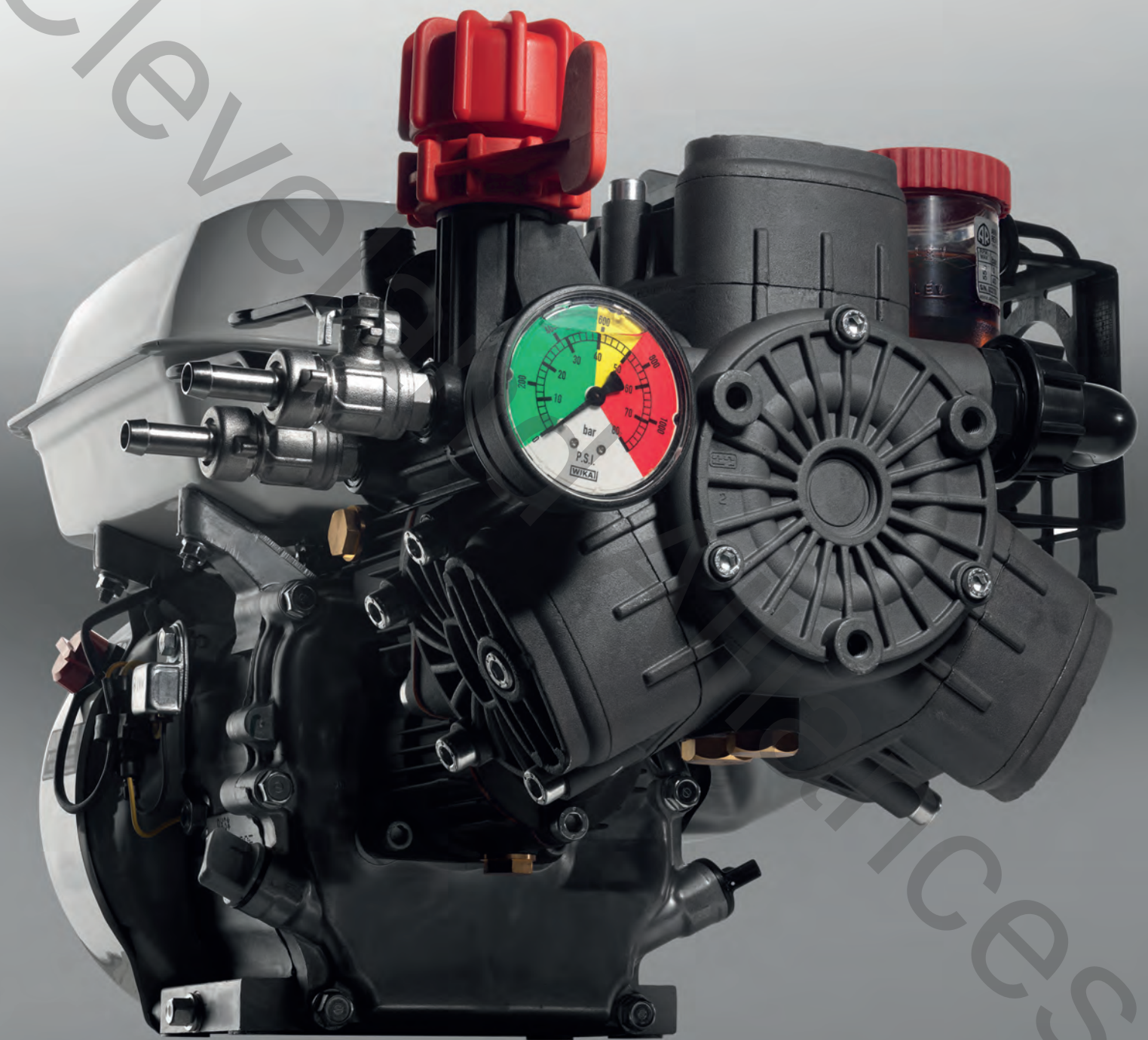
32266

43991

43992

43993

43994



GR 40

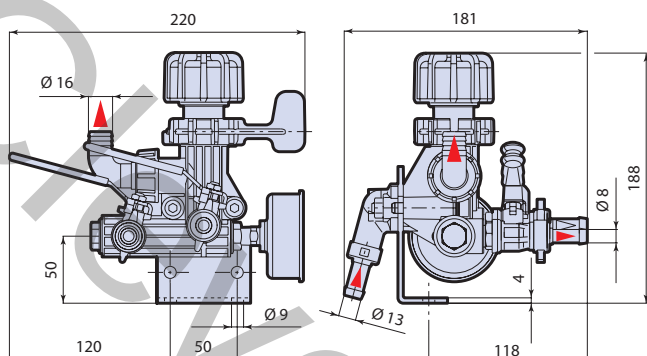
MEDIA PRESSIONE
medium pressure



Portata max	40	L/1'	Max. flow	10,6	gpm
Pressione max	40	bar	Max. pressure	580	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,2	kg	Weight	2,6	lb



CM 1888600
DI 808568
sp_gr40.pdf
MI 99406



Cod. 880

AR 303 AR 403 AR 503

Gruppo comando con valvola di regolazione pressione lavoro, leva comando by-pass, completo di manometro a bagno di glicerina con quadrante colorato.

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 303
AR 403

976

893

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

AR 503

880
2 rubinetti
2 valves

Non disponibile per AR 503
Not available for AR 503

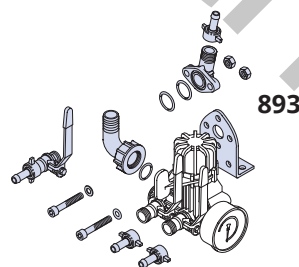
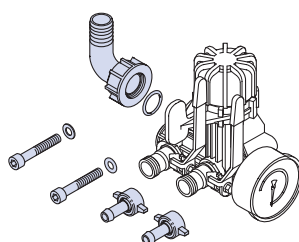
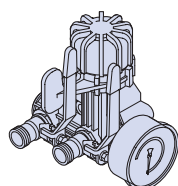
894

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



893

894

880

976

893

894

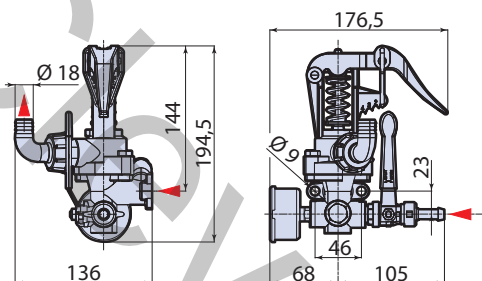


GI 30

MEDIA PRESSIONE
medium pressure

Portata max	80	L/1'	Max. flow	21,1	gpm
Pressione max	30	bar	Max. pressure	435	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,2	kg	Weight	2,6	lb

CM 628645
DI 628530
sp_gi30.pdf
MI 99406



Cod. 902 + 973



AR 252

Gruppo comando con valvola di regolazione pressione lavoro, manometro a bagno di glicerina con quadrante colorato. *Control unit with working pressure regulating valve, and glycerine bath pressure gauge with coloured dial.*

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 252

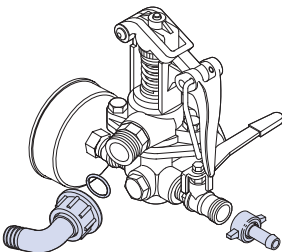
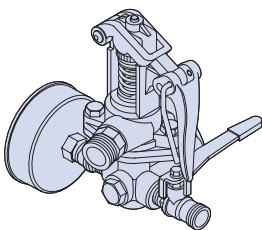
902
1 rubinetto
1 valve

973

Non disponibile
Not available

NB:
I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



902

973

-

GI 40

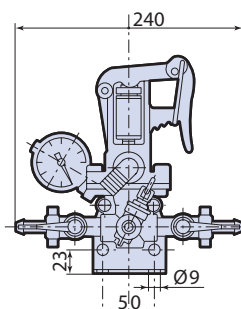
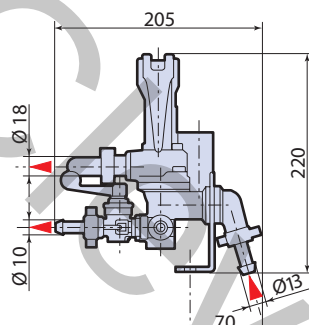
MEDIA PRESSIONE medium pressure



Portata max	80	L/1'	Max. flow	21,1	gpm
Pressione max	40	bar	Max. pressure	580	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,6	kg	Weight	3,5	lb



CM 628650
sp_gi40.pdf
MI 99371



Cod. 900 + 980

AR 30 AR 40

AR 303 AR 403

AR 50 AR 503

Gruppo comando con valvola di regolazione pressione lavoro, manometro a bagno di glicerina con quadrante colorato.

Control unit with working pressure regulating valve, and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 30
AR 40
AR 50

AR 503

900
2 rubinetti
2 valves

977

Non disponibile per AR 503
Not available for AR 503

980

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

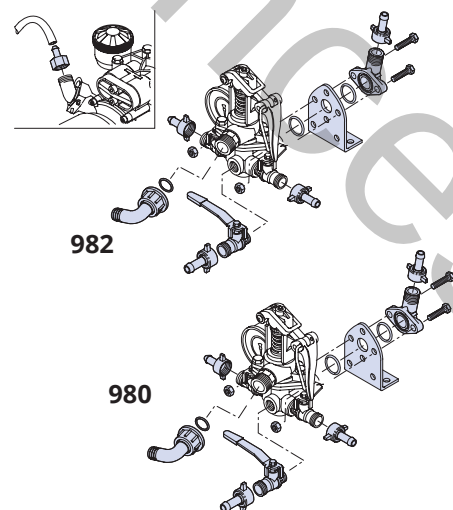
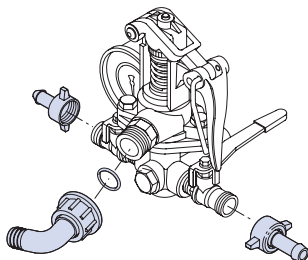
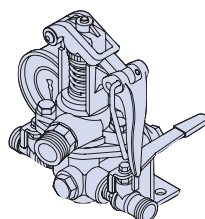
982

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



900

977

982

980



RM 40

MEDIA PRESSIONE
medium pressure



Cod. 920 + 983

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 503

920
2 rubinetti
2 valves

977

983

Senza autobloccanti / Without self-locking nuts

AR 30
AR 40
AR 50

33051
2 rubinetti
2 valves
Manometro inox
Inox pressure gauge

Non disponibile per AR 30 -
AR 40 - AR 50
Not available for AR 30 - AR 40 -
AR 50

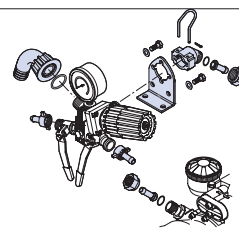
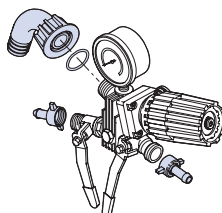
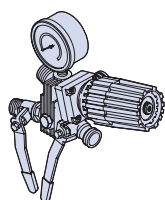
984

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

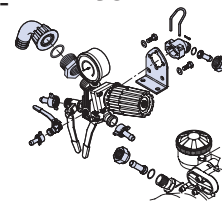
I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



983

984



920

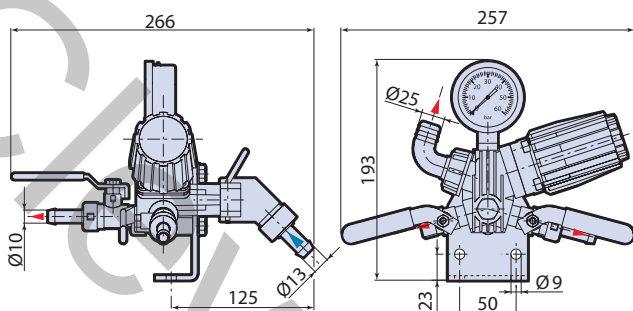
33051

977

983

984

Portata max	50	L/1'	Max. flow	13,2	gpm
Pressione max	40	bar	Max. pressure	580	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,6	kg	Weight	3,5	lb



DI 1158508



A richiesta con manometro isometrico a scala differenziale.
With differential scale isometric pressure gauge on request.



A richiesta con manometro inox a scala 0÷60 bar.
With 0÷60 bar scale inox pressure gauge on request.

CM 1158600
sp_rm40.pdf
MI 99371



AR 30 AR 40



AR 50 AR 503

Gruppo comando con valvola di regolazione pressione lavoro, leva comando by-pass, completo di manometro a bagno di glicerina con quadrante colorato.

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial.

Kit per comando separato
Kit for remote control unit

Tipo pompa
Pump type

codice • code

979

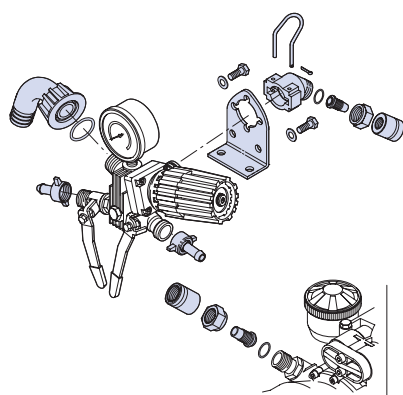
(Ø13x24) Con autobloccanti
With self-locking nuts
(Per / for AR 503)

AR 503

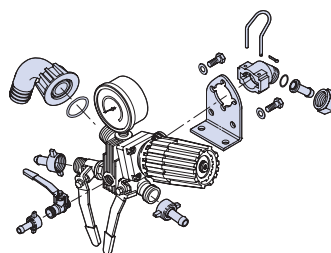
985

+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

**AR 30
AR 40
AR 50**



979



985

NB:
I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



VDR 50

ALTA PRESSIONE
high pressure



Cod. 950 + 998

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 503

950
2 rubinetti
2 valves

AR 30
AR 40
AR 50

33053
2 rubinetti
2 valves
Manometro inox
Inox pressure gauge

Non disponibile
Not available

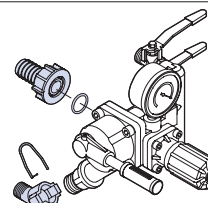
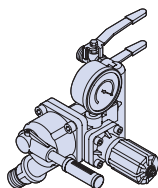
946 3/4" G (M)
Senza autobloccanti e senza staffa / Without
self-locking nuts and without bracket

998 (Ø13)
+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

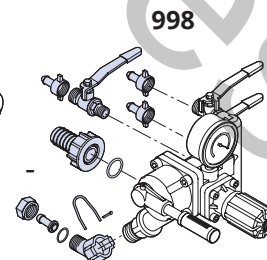
NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

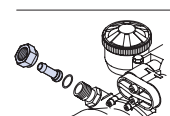
The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



946



998



950

33053

-

946

998





ALTA PRESSIONE

High Pressure





AR 713 - AR 813

ALTA PRESSIONE
high pressure

Serie ANODIZZATA
anodised series

Kit Applicazioni pag. 140.
Application kits page 140.

Gruppi comando vedi pag. 162.
For control units please see page 162.



atomizzatori
atomizers



deicing
deicing



antincendio
fire-fighting

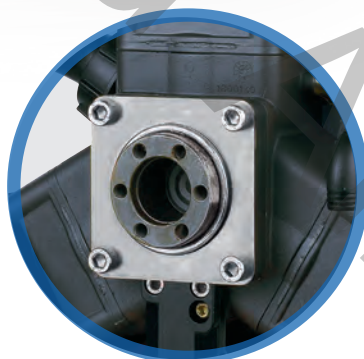


AR 813 C/SP

B
BlueFlex



AP C/C



AP C/SP



AP C/F 1 3/8

Caratteristiche Generali

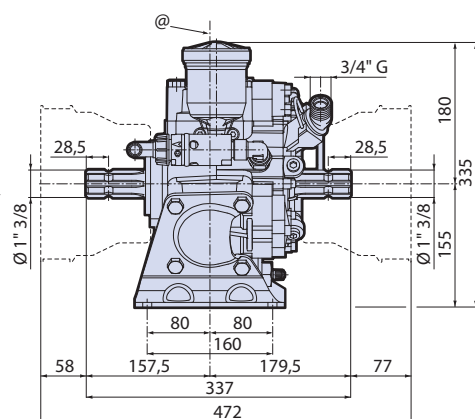
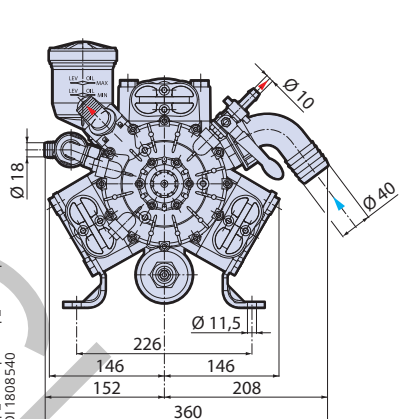
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano

General Features

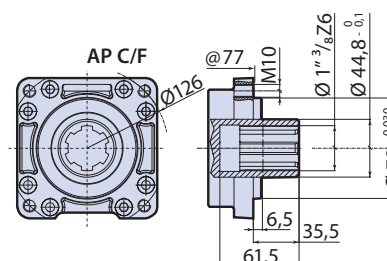
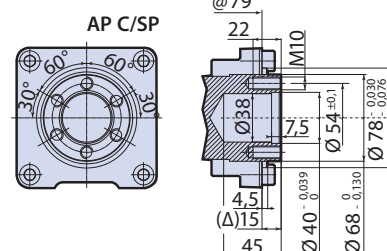
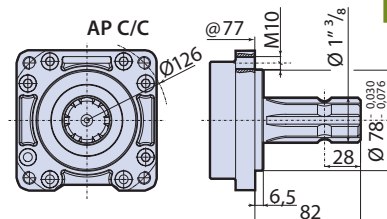
Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection.



CM 1808616 C/SP • CM 1808614 C/C • CM 1808606 C/F
MI 91410
SP_ar713.pdf • sp_ar813.pdf
DI 1808540



@ = Pump axis - Asse pompa



- Δ Nelle pompe C/SP la quota Δ 17 si riduce a 15 con la flangia anello tenuta montata sul corpo pompa. N.B. Togliere la flangia anello tenuta cod.1400140 prima di accoppiare il riduttore alla pompa.
- Δ In C/SP pumps the value Δ 17 is reduced to 15 with the seal ring flange mounted on the pump body. N.B. Remove the seal ring flange code 1400140 before fitting the reduction gear to the pump.

MOD	COD			MAX	MAX	RPM				NET		
	C/SP	C/C	C/F 1"3/8	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 713 AP NBR	624	625	-	76	20,1	40	580	550	60	140	20,5	45,2
AR 713 AP B	32105	32104	-	76	20,1	40	580	550	60	140	20,5	45,2
AR 813 AP NBR	630	631	632	79,9	21,1	50	725	550	60	140	20,5	45,2
AR 813 AP B	32107	32106	32108	79,9	21,1	50	725	550	60	140	20,5	45,2

B Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

 MAX		 RPM											
		400			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 713													
0	0	56,3	14,9	0,4	62,5	16,5	0,7	69,7	18,4	0,8	76,1	20,1	0,9
10	145	53,3	14,1	1,6	60,5	16,0	1,9	66,9	17,7	2,2	72,0	19,0	2,4
20	290	52,9	14,0	2,8	59,3	15,7	3,2	65,6	17,3	3,6	71,9	19,0	4,0
30	435	51,5	13,6	4,0	59,0	15,6	4,5	65,2	17,2	5,1	70,8	18,7	5,6
40	580	51,4	13,6	5,1	58,2	15,4	5,8	64,8	17,1	6,6	70,3	18,6	7,3
AR 813													
0	0	62,8	16,6	0,7	69,8	18,4	0,9	76,9	20,3	1,0	79,9	21,1	1,2
15	217	60,3	15,9	2,5	68,4	18,1	3,0	73,5	19,4	3,2	75,9	20,1	3,4
30	435	59,7	15,8	4,6	66,3	17,5	5,2	70,9	18,7	5,5	73,4	19,4	5,8
40	580	59,4	15,7	5,9	66,2	17,5	6,8	70,3	18,6	7,1	71,7	18,9	7,3
50	725	58,4	15,4	7,2	66,0	17,4	8,1	68,9	18,2	8,5	71,6	18,9	8,8



AR 1064

ALTA PRESSIONE
high pressure

Serie ANODIZZATA
anodised series

Kit Applicazioni pag. 140.
Application kits page 140.

Gruppi comando vedi pag. 162.
For control units please see page 162.



atomizzatori
atomizers



deicing
deicing



antincendio
fire-fighting



B
BlueFlex

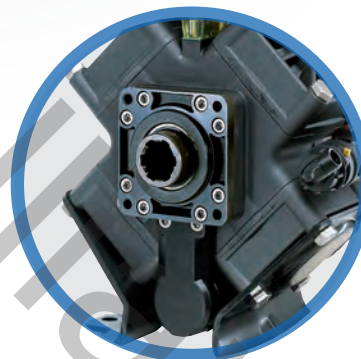
AR 1064 C/SP



AP C/C



AP C/SP



AP C/F 1 3/8

Caratteristiche Generali

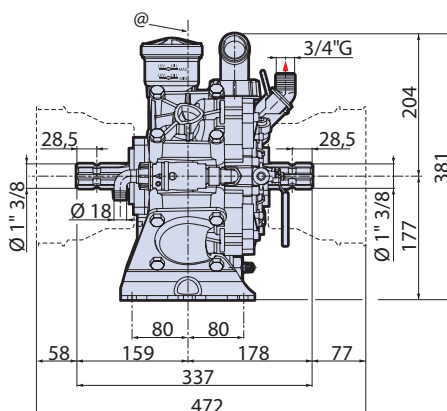
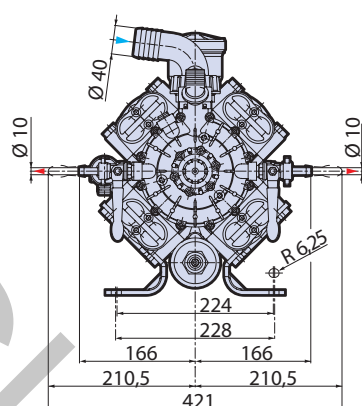
Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompate in alluminio anodizzato e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano.

General Features

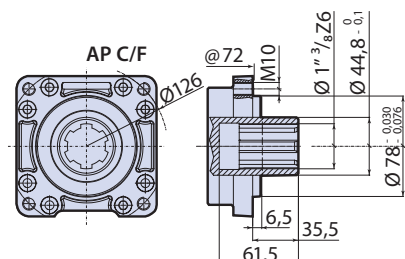
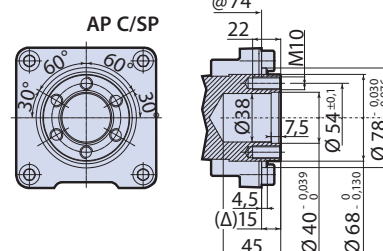
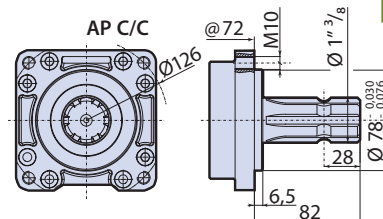
Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



CM1828604 C/SP • CM 1828608 C/C • CM 1828606 C/F
MI 91411
SP art1064.pdf
D1828500



@ = Pump axis - Asse pompa



- Δ Nelle pompe C/SP la quota Δ 17 si riduce a 15 con la flangia anello tenuta montata sul corpo pompa. N.B. Togliere la flangia anello tenuta cod.1400140 prima di accoppiare il riduttore alla pompa.
- Δ In C/SP pumps the value Δ 17 is reduced to 15 with the seal ring flange mounted on the pump body. N.B. Remove the seal ring flange code 1400140 before fitting the reduction gear to the pump.

MOD	COD			MAX	MAX	RPM	MAX	°C	°F	kg	lb
	C/SP	C/C	C/F 1"3/8	l/min	gpm	bar	psi	N°giri/1'			
AR 1064 AP NBR	730	731	732	108,5	28,7	50	725	550	60	140	23,5
AR 1064 AP	32116	32115	32117	108,5	28,7	50	725	550	60	140	23,5

B Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

MAX		RPM											
		400			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 1064													
0	0	84,6	22,3	1,0	95,1	25,1	1,3	102,4	27,0	1,6	108,5	28,7	1,9
15	217	81,6	21,6	3,4	92,3	24,4	3,9	101,1	26,7	4,3	106,7	28,2	4,7
30	435	79,5	21,0	6,2	90,3	23,8	7,0	98,8	26,1	7,8	106,6	28,2	8,3
40	580	79,2	20,9	8,1	89,3	23,6	9,1	98,6	26,1	10,1	105,8	27,9	10,8
50	725	78,4	20,7	9,9	87,9	23,2	11,2	98,1	25,9	12,4	104,7	27,7	13,1



AR 903 - AR 1053 - AR 1203

ALTA PRESSIONE
high pressure

Serie ANODIZZATA
anodised series

Kit Applicazioni pag. 140.

Application kits page 140.

Gruppi comando vedi pag. 162.

For control units please see page 162.



atomizzatori
atomizers



deicing
deicing



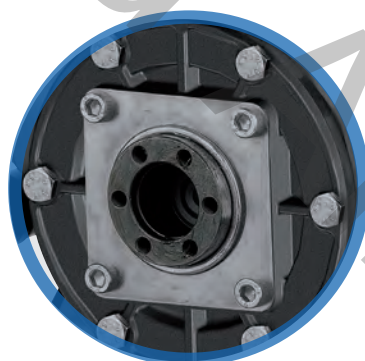
antincendio
fire-fighting



AR 1203 C/SP



AP C/C



AP C/SP



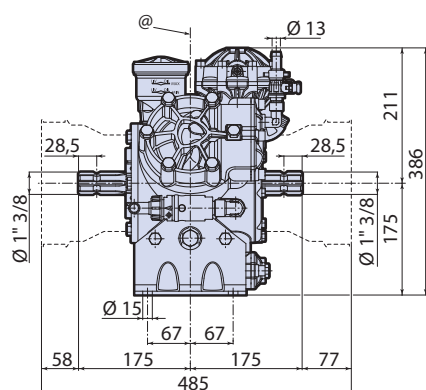
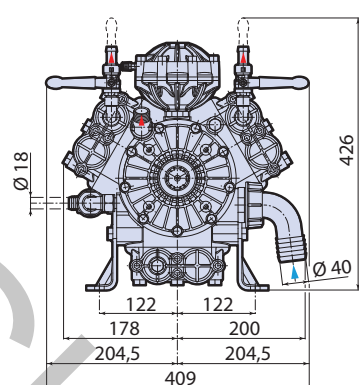
AP C/F 1 3/8

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano.

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



AP C/C

Top view: 90° angles, 12 balls.

Side view dimensions: @ 100,5; M 12; 20; 9; 28,5; 74,5; Ø 82,5^{+0,02}_{-0,01}; Ø 104,4^{+0,1}.

AP C/SP

Top view: 60° angles, 12 balls.

Side view dimensions: @ 102,5; M 10; 22; 7,5; 4,5; (Δ) 15; Ø 38; Ø 40^{+0,039}_{-0,040}; Ø 68⁰_{-0,090}; Ø 54^{+0,1}; Ø 78^{+0,039}_{-0,076}.

AP C/F

Top view: 90° angles, 12 balls.

Side view dimensions: @ 100,5; M 12; 20; 9; 35; 63; Ø 1³/₈ Z6; Ø 44,8^{+0,1}_{-0,01}; Ø 82,5^{+0,02}_{-0,01}; Ø 104,4^{+0,1}.

CM 268860
p_ar903_ar1053_ar1203.pdf
MI 91412
DI 2688500

B **Pompa con Membrane in BlueFlex™** **NBR Pompa con Membrane in NBR**
Pumps with BlueFlex™ diaphragm Pumps with NBR diaphragm

133



AR 1604

ALTA PRESSIONE
high pressure

Serie ANODIZZATA
anodised series

Kit Applicazioni pag. 140.
Application kits page 140.

Gruppi comando vedi pag. 162.
For control units please see page 162.



atomizzatori
atomizers



deicing
deicing



antincendio
fire-fighting

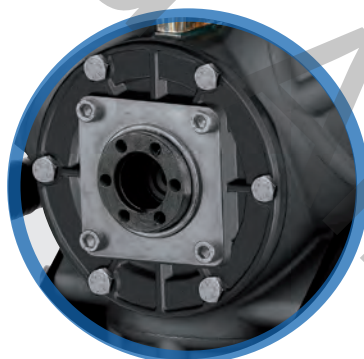


B
BlueFlex

AR 1604 C/SP



AP C/C



AP C/SP



AP C/F 1 3/8

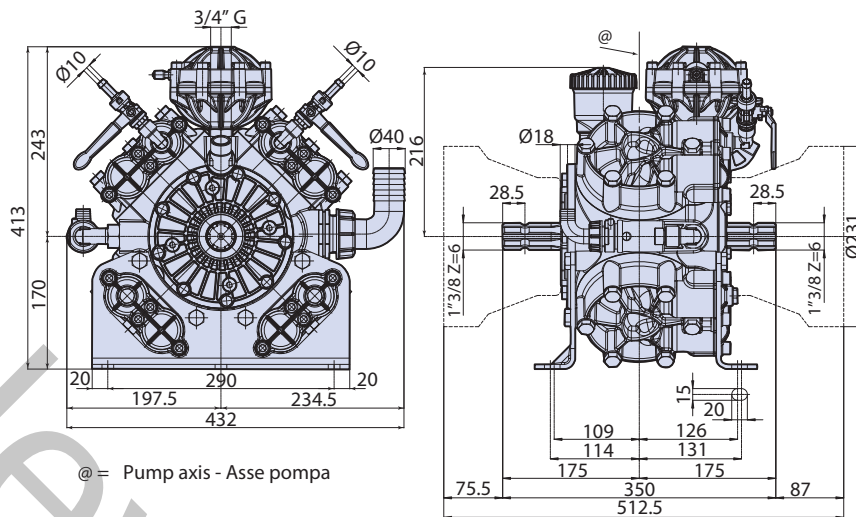
Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio anodizzato e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano.

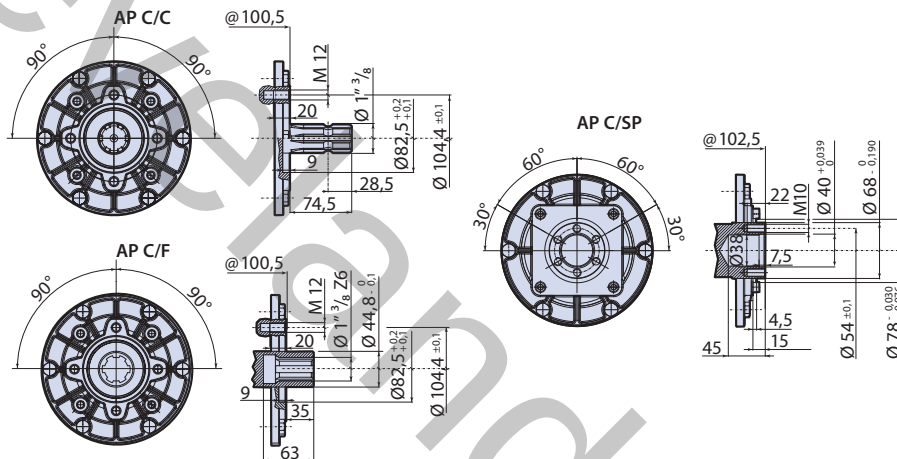
General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.

CM3928600
MI 92104
SP AR1604.pdf
DI 3928500



@ = Pump axis - Asse pompa



MOD	COD			 MAX	 MAX	 RPM		 NET				
	C/SP	C/C	C/F 1"3/8	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 1064 AP NBR	719	718	720	153	40,4	50	725	550	60	140	38	83,8
AR 1064 AP 	32122	32121	32123	153	40,4	50	725	550	60	140	38	83,8

B Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

MAX		RPM											
		400			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 1604													
0	0	114,6	30,3	1,5	129,2	34,1	2,0	141,2	37,3	2,7	152,8	40,4	3,4
15	217	112,2	29,6	4,6	127,0	33,5	5,2	139,3	36,8	5,8	153,5	40,6	6,6
30	435	110,9	29,3	8,3	125,6	33,2	9,4	138,1	36,5	10,5	151,5	40,0	11,7
40	580	110,5	29,2	10,7	123,6	32,7	12,1	137,4	36,3	13,5	150,9	39,9	15,2
50	725	108,8	28,7	13,3	122,7	32,4	14,8	136,7	36,1	16,8	149,9	39,6	18,6



AR 1203 NI

Serie NICHELATA
nickel plated series

ALTA PRESSIONE
high pressure

Kit Applicazioni pag. 140.

Application kits page 140.

Gruppi comando vedi pag. 162.

For control units please see page 162.

NEW

B
BlueFlex



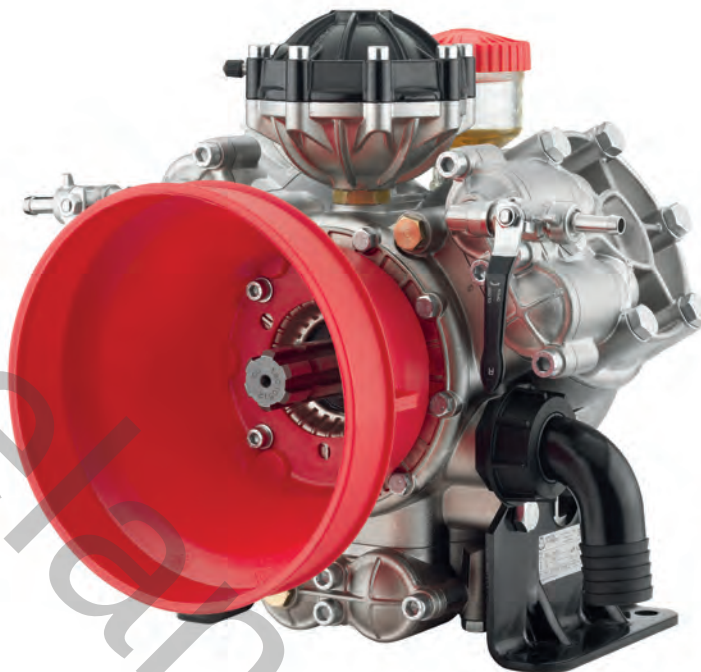
atomizzatori
atomizers



deicing
deicing



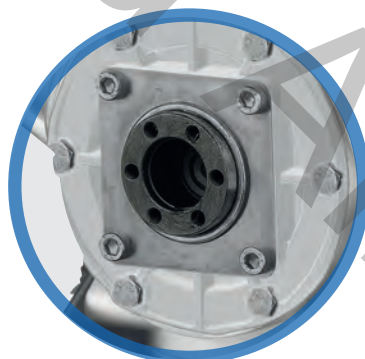
antincendio
fire-fighting



AR 1203 C/SP



AP C/C



AP C/SP



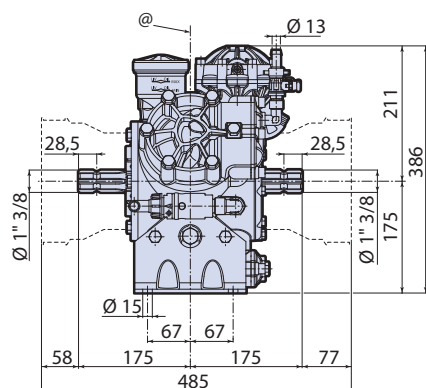
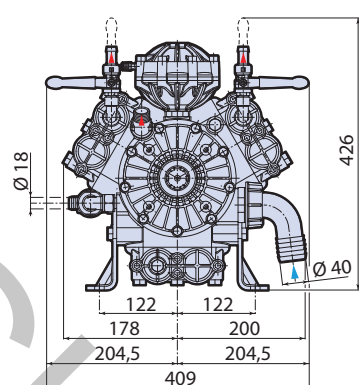
AP C/F 1 3/8

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio nichelato e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o BlueFlex™. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano.

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in nickel-plated aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or BlueFlex™. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



AP C/C

Top view: 90° angles, 12 balls.

Side view dimensions: @ 100,5, M 12, 20, 9, 28,5, 74,5, Ø 82,5^{+0,02}_{-0,01}, Ø 104,4^{+0,1}.

AP C/SP

Top view: 60° angles, 12 balls.

Side view dimensions: @ 102,5, M 10, 22, 7,5, 4,5, (Δ) 15, Ø 38, Ø 40^{+0,039}_{-0,040}, Ø 68⁰_{-0,090}, Ø 54^{+0,1}, Ø 78^{+0,039}_{-0,076}.

AP C/F

Top view: 90° angles, 12 balls.

Side view dimensions: @ 100,5, M 12, 20, 9, 35, 63, Ø 1³/₈ Z6, Ø 44,8^{+0,1}_{-0,01}, Ø 82,5^{+0,02}_{-0,01}, Ø 104,4^{+0,1}.

CM 2688600
sp_ar903_ar1053_ar1203.pdf
MI91412
DI 2688500

B Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

137



AR 1604 NI

ALTA PRESSIONE
high pressure

Serie NICHELATA
nickel plated series

Kit Applicazioni pag. 140.
Application kits page 140.

Gruppi comando vedi pag. 162.
For control units please see page 162.

NEW

B
BlueFlex



atomizzatori
atomizers



deicing
deicing



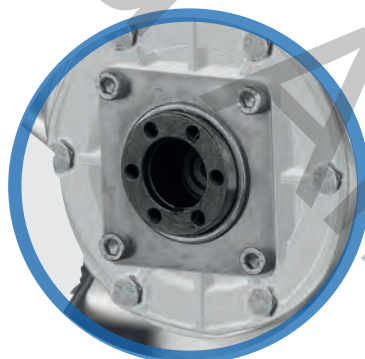
antincendio
fire-fighting



AR 1604 C/SP



AP C/C



AP C/SP



AP C/F 1 3/8

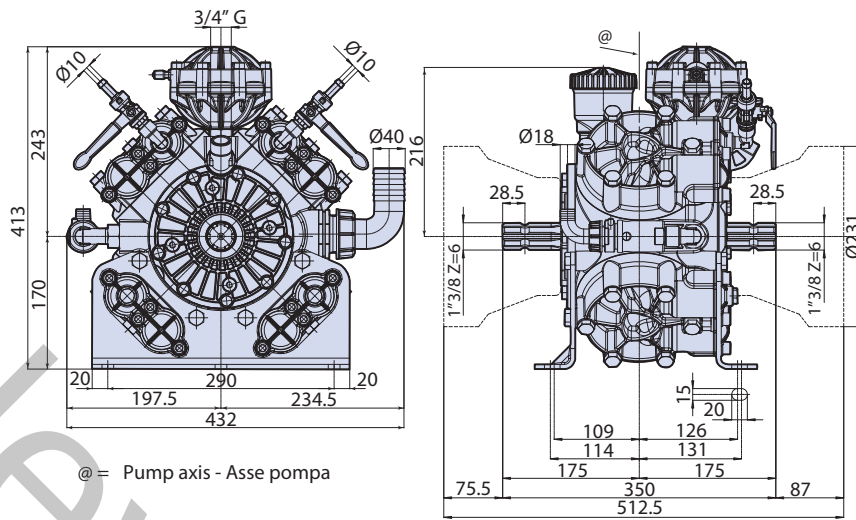
Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompate in alluminio nichelato e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano.

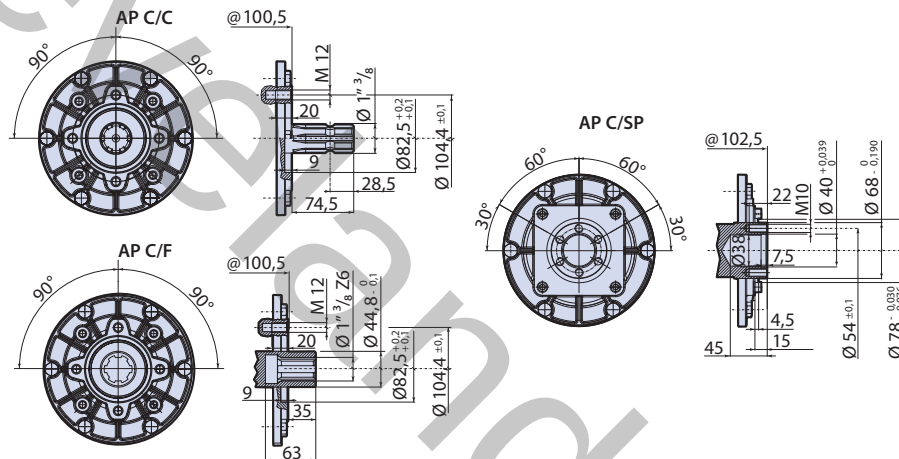
General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in nickel-plated aluminium and AISI 303/304. Diaphragms in NBR, Desmopan, Viton or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.

CM3928600
MI 92104
SP AR1604.pdf
DI 3928500



@ = Pump axis - Asse pompa



MOD	COD			 MAX	 MAX	 RPM		 NET				
	C/SP	C/C	C/F 1"3/8	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
AR 1064 NI AP NBR	32292	32290	32293	153	40,4	50	725	550	60	140	39	86
AR 1064 NI AP 	32291	33129	33130	153	40,4	50	725	550	60	140	39	86
 Pompa con Membrane in BlueFlex™ Pumps with BlueFlex™ diaphragm				NBR Pompa con Membrane in NBR Pumps with NBR diaphragm								

400					450					500					550				
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
AR 1604 NI																			
0	0	114,6	30,3	1,5	129,2	34,1	2,0	141,2	37,3	2,7	152,8	40,4	3,4	152,8	40,4	3,4	152,8	40,4	3,4
15	217	112,2	29,6	4,6	127,0	33,5	5,2	139,3	36,8	5,8	153,5	40,6	6,6	153,5	40,6	6,6	153,5	40,6	6,6
30	435	110,9	29,3	8,3	125,6	33,2	9,4	138,1	36,5	10,5	151,5	40,0	11,7	151,5	40,0	11,7	151,5	40,0	11,7
40	580	110,5	29,2	10,7	123,6	32,7	12,1	137,4	36,3	13,5	150,9	39,9	15,2	150,9	39,9	15,2	150,9	39,9	15,2
50	725	108,8	28,7	13,3	122,7	32,4	14,8	136,7	36,1	16,8	149,9	39,6	18,6	149,9	39,6	18,6	149,9	39,6	18,6



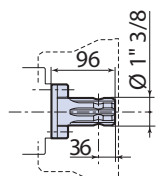
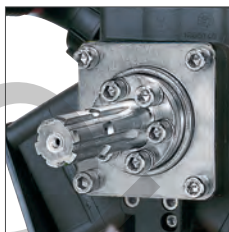
KIT APPLICAZIONI

application kits

ALTA PRESSIONE
high pressure

AR 713 · AR 813
AR 1064
AR 903 · AR 1053 · AR 1203
AR 1604
AR 1203 NI · AR 1604 NI

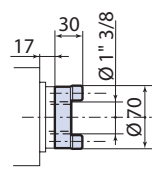
Kit Appl. C cod.1519



Cardano 1" $\frac{3}{8}$
1" $\frac{3}{8}$ universal shaft

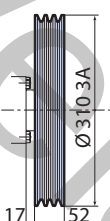
CM 658603
MI 5775

Kit Appl. F cod.1510



Femmina 1" $\frac{3}{8}$
1" $\frac{3}{8}$ female

Kit Appl. P



Puleggia
Pulley

Kit Appl. P cod.1516 Ø310 3A

Kit Appl. P cod.1520 Ø310 3A

Le applicazioni sono da utilizzare solamente con le opportune protezioni a tutela dell'operatore.
The applications should be used only with the proper protective equipment for the safety of the operator.

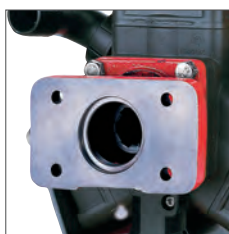
Kit Appl. FD (1)



Dimensioni vedi pag.191.
See dimensions page 191.

Per moltiplicatori. La versione FD è da applicare alle pompe versione C/F.
For overgears. The FD version should be fitted on C/F version pumps.

Kit Appl. FDG (1)



Dimensioni vedi pag.194.
See dimensions page 194.

Per moltiplicatori. La versione FDG è da applicare alle pompe versione C/SP.
For overgears. The FDG version should be fitted on C/SP version pumps.

I codici si riferiscono al solo kit applicazione, pompa esclusa.
(1) Le dimensioni di questi kit applicazione variano a secondo della marca e del tipo di macchina a cui deve essere applicata la pompa.

The part numbers refer to the application kit only, excluding the pump.

(1) The dimensions of these kits vary according to the make and type of machine the pump is to be installed on.

Marca Make	Tipo Type	KIT APPL. FD	KIT APPL. FDG
		Cod.	Cod.
Bima	M30N - M47N - M60N	5336	5348
CMV	MA86 MA86S MA107 MA107S MA110 MA110S MA110 3V	5336	5348
Comer	D4 D7 D21 D27	5336	5348
GB	AT46 - AT53 - AT55 - AT65 - AT70	5336	5348
Reduco	R810 R830 R840	5336	5348
Bima	CAR 3 P Foratura interna 70x82	5344	5328
Cmv	MA 50 Foratura interna 70x82	5344	5328
Bima	CAR 3 P Foratura esterna 160x75	5345	5330
CMV	MA 50 Foratura esterna 160x75	5345	5330
GB	AT39	5345	5330
Fieni	Moltiplicatore V1	5346	5290
Bima	MSC	5354	5355
Fieni	CM 9 PG	55354	55355
Omas	Moltiplicatore	55359	-
Comer	A 4 A	55364	55365
GB	AP 102	55364	55365

KIT APPLICAZIONI

application kits

ALTA PRESSIONE
high pressure

AR 713 · AR 813
AR 1064
AR 903 · AR 1053 · AR 1203
AR 1604
AR 1203 NI · AR 1604 NI



Kit Appl.IDM/IDP



Per motori e pompe idrauliche.
For hydraulic motors and pumps.

Applicazioni "IDP" per pompe idrauliche

Marca <i>Make</i>	Tipo <i>Type</i>	Code <i>Code</i>	Dimensioni <i>Dimensions</i>
Casappa Salami	Pompe gruppo 3 flangia SAE - 1"	5335	

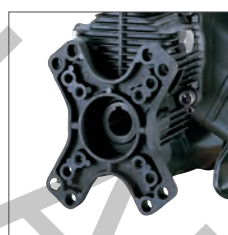
Applicazioni "IDM per motori idraulici" *Fittings for hydraulic motors "IDM"*

Marca Make	Tipo Type	Codice Code	Dimensioni Dimensions
Sauer Danfoss	OMP 25 - 32	5327	
	40 - 50		
	albero Ø25mm		
	80 - 100 - 160		
	OMR 80 OMR 100		
Char-Lynn Eaton	OMP 50	5312	
	albero Ø25,4 mm (Ø 1")		
	80 - 100 - 160		
	OMR 80 OMR 100		
	Serie 2000		
	albero Ø25,4mm (Ø1")	5312	
	Tipo 2 - 80,2- 100.2 160		



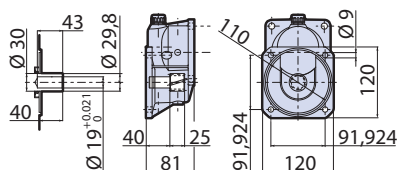
CR 1:2,85
cod.1624

**Riduttore motori elettrici speciali
trifase 4poli (1450 rpm)**
*Reduction gear for special 4-pole
three-phase electric motors (1450 rpm)*

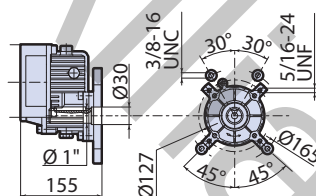


CR 1:5,9 Ø 1"
cod.1639

Riduttori motori a scoppio 4 tempi,
flangia SAE J609a
*Reduction gears for four-stroke
engines with SAE J609a flange*



DI 658515
CM 628604



CM 658600

Per pompe versione For version pump	C/SP (Vedi / see Δ)							C/F
Tipo Type	Kit Appl. C	Kit Appl. F	Kit Appl. P	Kit Appl. IDM/IDP	Kit Appl. FDG	CR 1:2,85 x ET	CR 1:5,9 Ø 1" x S	Kit Appl. FD
AR 713	cod. 1519	cod. 1510	cod. 1516	pag. 186	pag. 194	cod. 1624	cod. 1639	-
AR 813	cod. 1519	cod. 1510	cod. 1516	pag. 186	pag. 194	cod. 1624	cod. 1639	pag. 191
AR 1064	cod. 1519	cod. 1510	cod. 1520	pag. 186	pag. 194	-	cod. 1639	pag. 191
AR 903	cod. 1519	cod. 1510	cod. 1520	pag. 186	pag. 194	-	-	pag. 191
AR 1053	cod. 1519	cod. 1510	cod. 1520	pag. 186	pag. 194	-	-	pag. 191
AR 1203	cod. 1519	cod. 1510	-	pag. 186	pag. 194	-	-	pag. 191
AR 1604	cod. 1519	cod. 1510	-	pag. 186	pag. 194	-	-	pag. 191

Δ Nelle pompe C/SP la quota Δ 17 si riduce a 15 con la flangia anello tenuta montata sul corpo pompa. N.B. Togliere la flangia anello tenuta cod. 1400140 prima di accoppiare il riduttore alla pompa.

Δ In C/SP pumps the value Δ 17 is reduced to 15 with the seal ring flange mounted on the pump body. N.B. Remove the seal ring flange code 1400140 before fitting the reduction gear to the pump.



BHA 130 - BHA 150

Serie ALLUMINIO ANODIZZATA
anodised aluminium series

ALTA PRESSIONE
high pressure



atomizzatori
atomizers

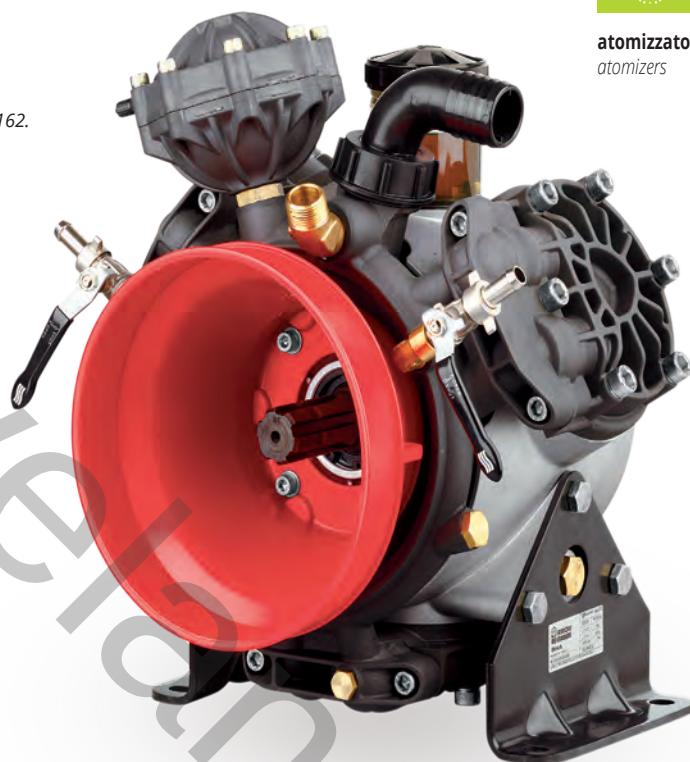


deicing
deicing



antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.



BHA 130

B
BlueFlex



AP C/C



AP C/F 1" 3/8



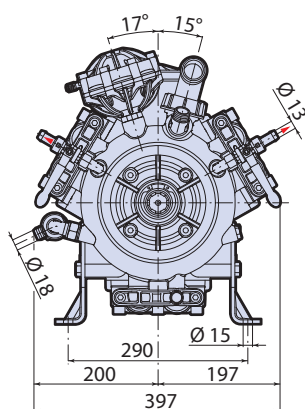
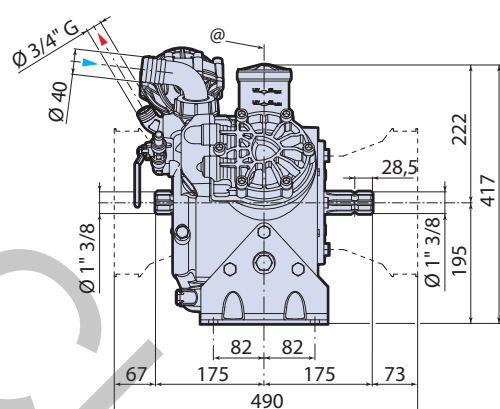
AP C/F Ø32

Caratteristiche Generali

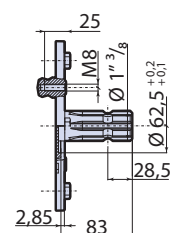
Pompa a tre membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompati in alluminio anodizzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Disponibile versione C/F (Ø32) per accoppiamento diretto con motore idraulico. Disponibili con flangiate per moltiplicatori di giri.

General Features

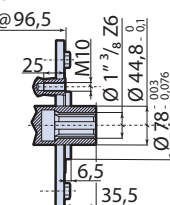
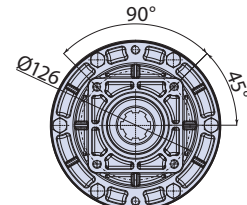
Semi-hydraulic three-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection. Available in C/F (Ø32) version for direct coupling to hydraulic motor. Available with flanges for overgears.



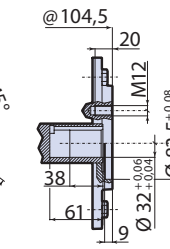
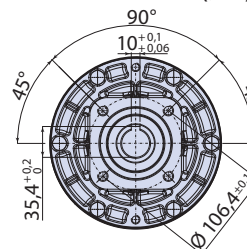
Technical drawing of a wheel hub (AP C/C) showing dimensions: 90°, 45°, and Ø126.



AP C/F (Ø1"³/₈)



AP C/F (Ø32)



CM 2248602
sp_bha130_bha150.pdf
MI 91413
OI 2248500



Cod. vedi pag. 191.
Code see page 191.

B **Pompa con Membrane in BlueFlex™**
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

143



BHA 170 - BHA 200

Serie ALLUMINIO ANODIZZATA
anodised aluminium series

ALTA PRESSIONE
high pressure



atomizzatori
atomizers

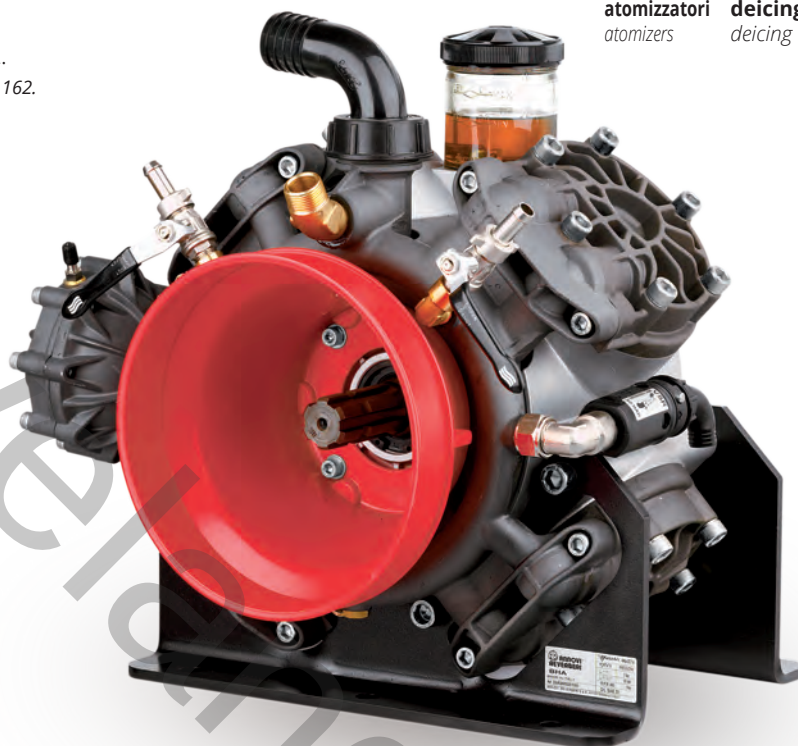


deicing
deicing



antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.



BHA 170

B
BlueFlex



AP C/C



AP C/F 1" 3/8



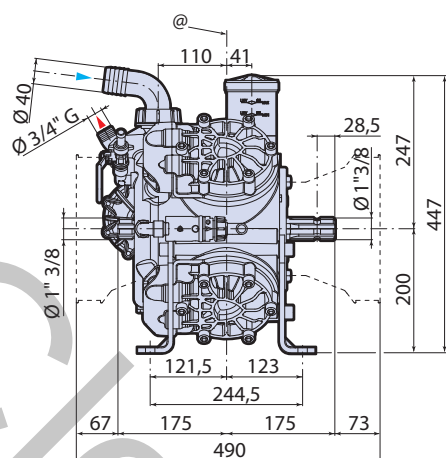
AP C/F Ø32

Caratteristiche Generali

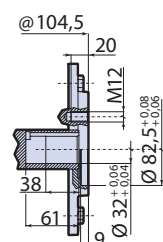
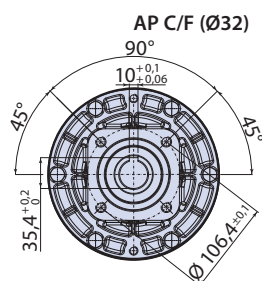
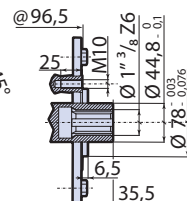
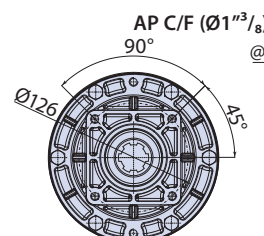
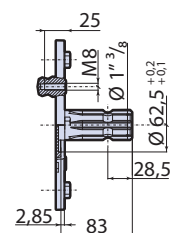
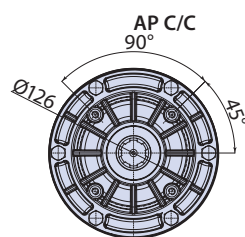
Pompa a quattro membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompate in alluminio anodizzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Disponibile versione C/F (Ø32) per accoppiamento diretto con motore idraulico. Disponibili con flangiate per moltiplicatori di giri.

General Features

Semi-hydraulic four-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in anodized aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection. Available in C/F (Ø32) version for direct coupling to hydraulic motor. Available with flanges for overgears.



Technical drawing of the front view of a 4-cylinder engine block. The drawing shows a central crankshaft with four pistons. Dimensions include a total width of 467, a total height of 460, and various internal clearances and diameters like Ø13, Ø18, and Ø15.



CM 2388601
sp_bha170_bha200.pdf
MI 91414
OI 2388500

Cod. vedi pag. 191.
Code see page 191.

Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

145



BHP 130 - BHP 150

ALTA PRESSIONE
high pressure

Serie ALLUMINIO PLASTIFICATA
plastic-coated aluminium series



atomizzatori
atomizers

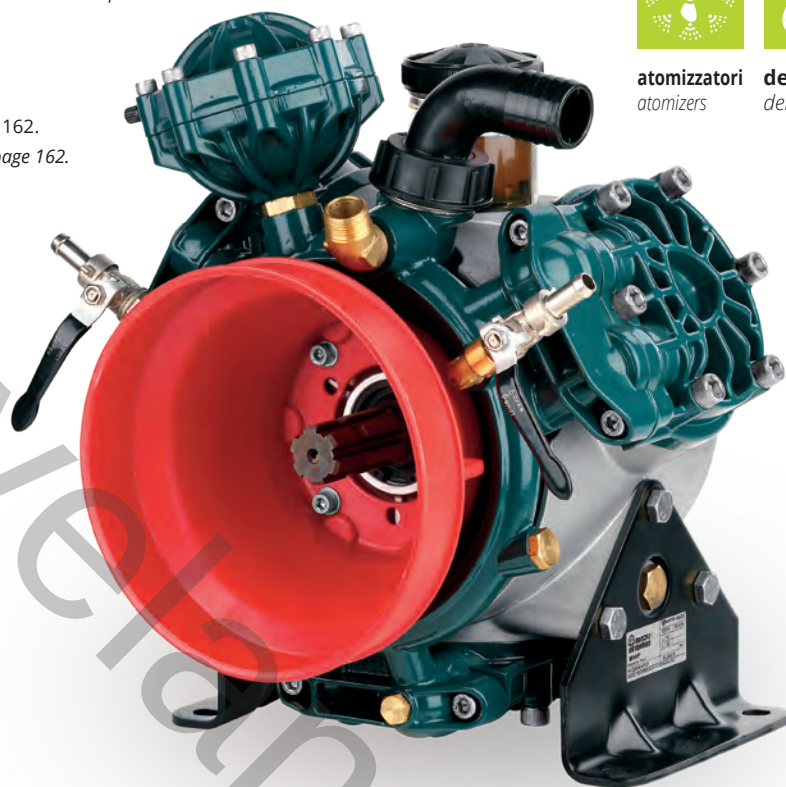


deicing
deicing



antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.



BHP 130

B
BlueFlex



AP C/C



AP C/F 1" 3/8



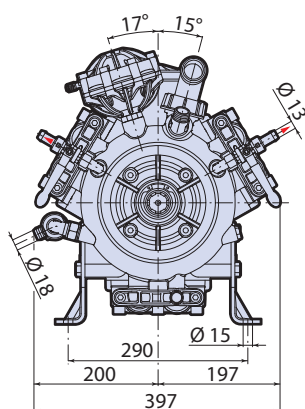
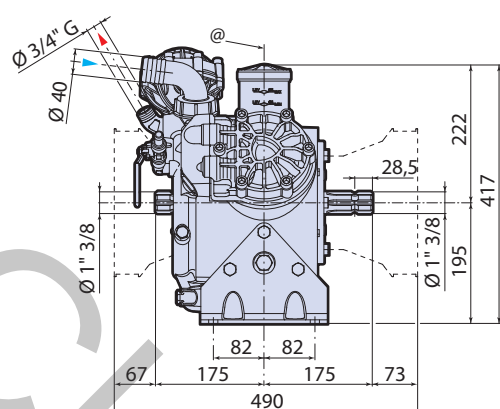
AP C/F Ø32

Caratteristiche Generali

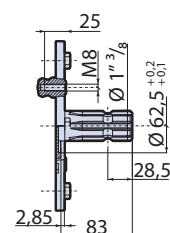
Pompa a tre membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Disponibile versione C/F (Ø32) per accoppiamento diretto con motore idraulico. Disponibili con flangiate per moltiplicatori di giri.

General Features

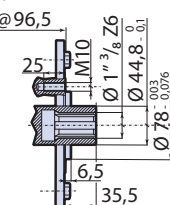
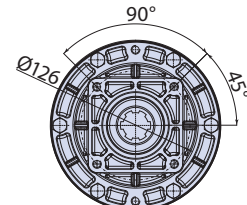
Semi-hydraulic three-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection. Available in C/F (Ø32) version for direct coupling to hydraulic motor. Available with flanges for overgears.



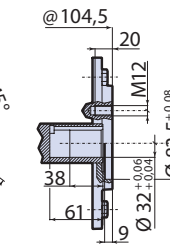
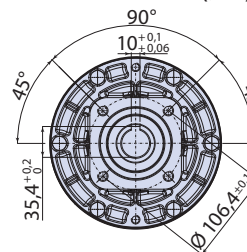
Technical drawing of a wheel hub (AP C/C) showing dimensions: 90°, 45°, and Ø126.



AP C/F (Ø1"³/₈)



AP C/F (Ø32)



CM 2248604
sp_bhp130_bhp150.pdf
MI 91914
DI 2248500



Cod. vedi pag. 191.
Code see page 191.

B **Pompa con Membrane in BlueFlex™**
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

147



BHP 170 - BHP 200

Serie ALLUMINIO PLASTIFICATA
plastic-coated aluminium series

ALTA PRESSIONE
high pressure



atomizzatori
atomizers



deicing
deicing



antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.



B
BlueFlex

BHA 170



AP C/C



AP C/F 1" 3/8



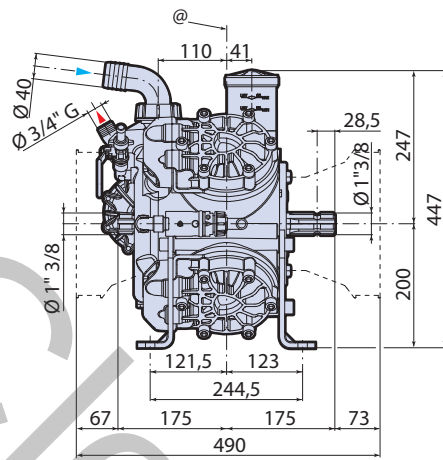
AP C/F Ø32

Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Disponibile versione C/F (Ø32) per accoppiamento diretto con motore idraulico. Disponibili con flangiate per moltiplicatori di giri.

General Features

Semi-hydraulic four-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection. Available in C/F (Ø32) version for direct coupling to hydraulic motor. Available with flanges for overgears.

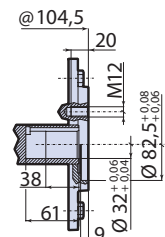
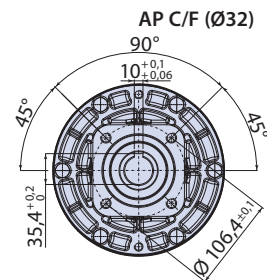
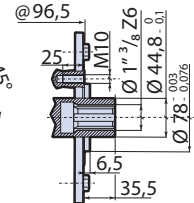
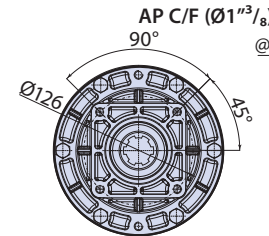
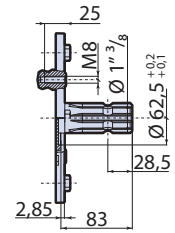
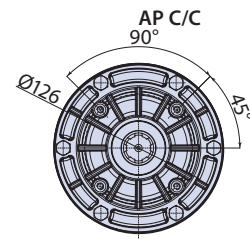
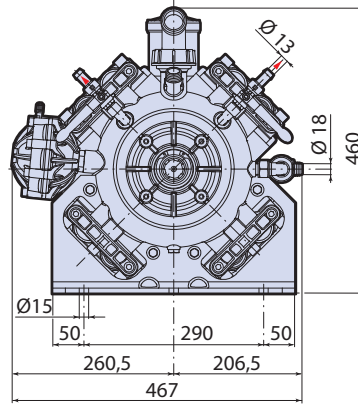


Kit Appl. FD



CM 2388602
sp_bhp170_bhp200.pdf
MI 91416
DI 2388500

Cod. vedi pag. 191.
Code see page 191.



B **Pompa con Membrane in BlueFlex™**
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

149

SERIE OTTONE

Brass Series





BHS 95

Serie OTTONE
brass series

ALTA PRESSIONE
high pressure



atomizzatori
atomizers



deicing
deicing

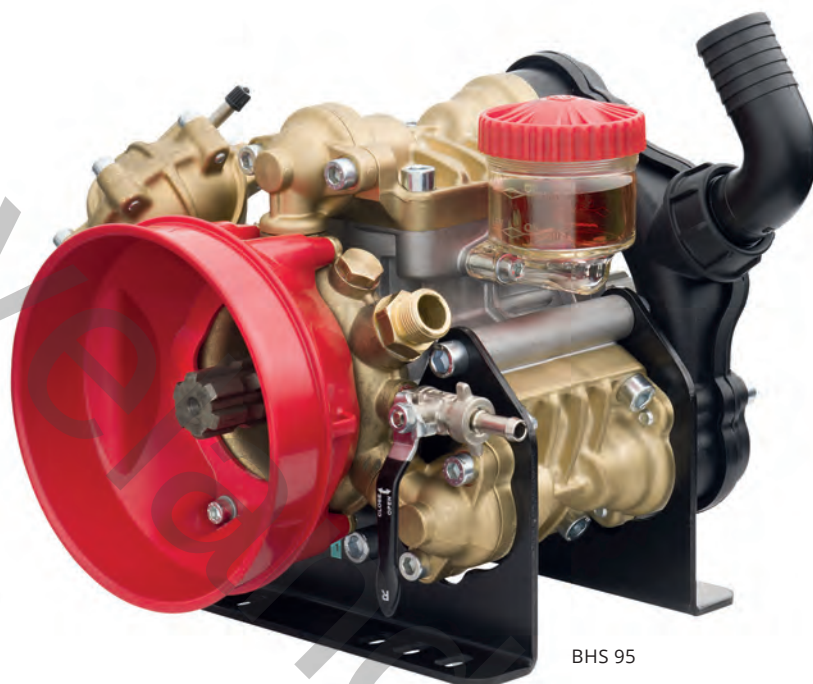


antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.

NEW

B
BlueFlex



BHS 95



AP C/C



AP C/F 1" ³/₈



AP C/F Ø 25

Caratteristiche Generali

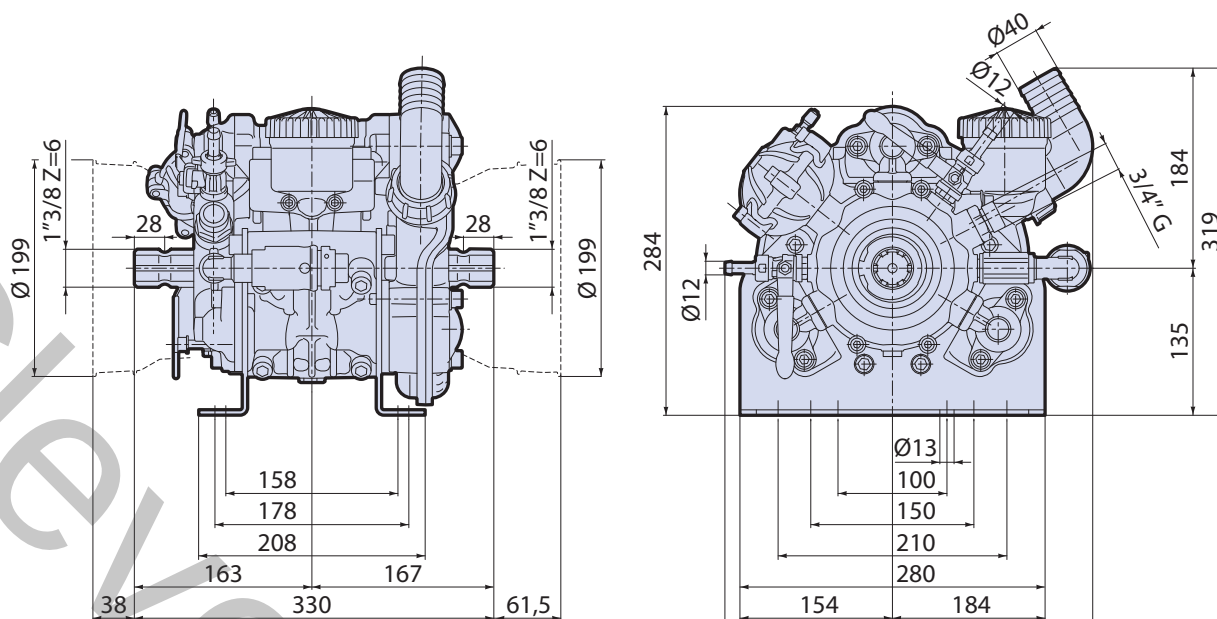
Pompa a tre membrane semidrauliche. Condotta di aspirazione e mandata esterni alla pompa. Parti in contatto con i liquidi pompanti in ottone/Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Disponibile versione C/F (Ø25) per accoppiamento diretto con motore idraulico. Disponibile con flangiate per moltiplicatori di giri.

General Features

Semi-hydraulic three-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in brass/reinforced Nylon and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection. Available in C/F (Ø25) version for direct coupling to hydraulic motor. Available with flanges for overgears.



CM 4708600
sp. bhs95.pdf
MI 94647
DI 4708500



MOD	COD											
	C/C	C/F 1"3/8	C/F Ø25	l/min	gpm	bar	psi	N°giri/1'	°C	°F	kg	lb
BHS 95 AP NBR	32281	32282	32283	90	23,7	50	725	550	60	140	30	66,1
BHS 95 AP 	32265	32267	32268	90	23,7	50	725	550	60	140	30	66,1

B Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

													
		350			450			500			550		
bar	psi	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP	l/min	gpm	HP
BHS 95													
0	0	60,5	16,0	0,4	76,0	20,1	0,7	82,3	21,7	0,9	90,6	23,9	1,1
30	435	55,6	14,7	4,2	71,0	18,8	5,6	79,2	20,9	6,2	85,1	22,5	7,0
40	580	55,4	14,6	5,4	69,2	18,3	7,2	77,5	20,5	8,0	84,6	22,3	8,9
50	725	54,0	14,3	6,6	69,1	18,3	8,7	77,1	20,4	9,6	83,4	22,0	10,8



BHS 90 - BHS 105 - BHS 120

Serie OTTONE
brass series

ALTA PRESSIONE
high pressure



atomizzatori
atomizers



deicing
deicing



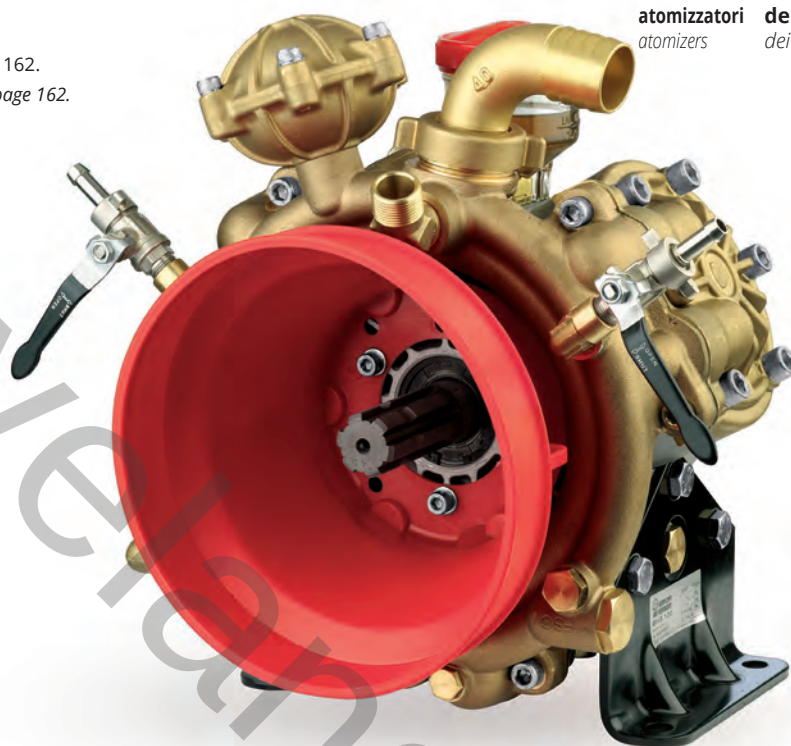
antincendio
fire-fighting

Kit Applicazioni pag. 160.

Application kits page 160.

Gruppi comando vedi pag. 162.

For control units please see page 162.

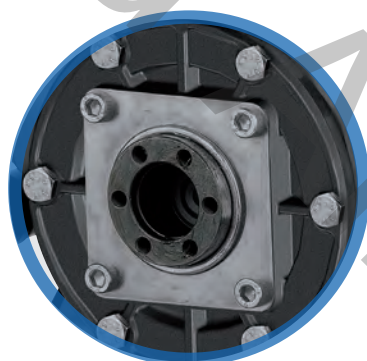


BHS 120

B
BlueFlex



AP C/C



AP C/SP



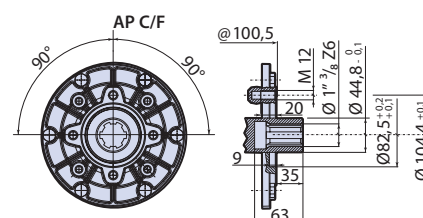
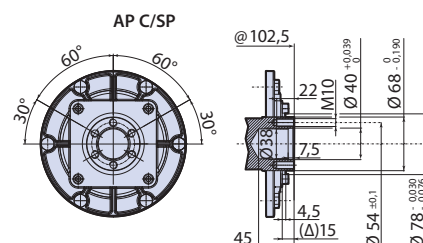
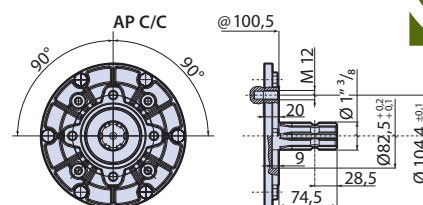
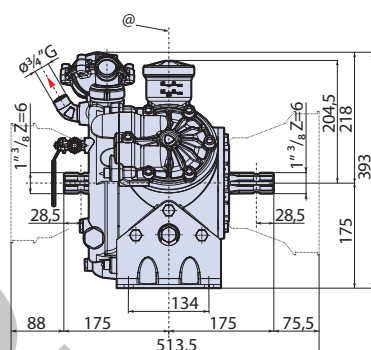
AP C/F 1 1/8

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompanti in ottone/bronzo e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Disponibili con kit puleggia, flangiate per motori idraulici, pompe idrauliche e moltiplicatori di giri.

General Features

Semi-hydraulic three-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in brass/bronze and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm, air chamber and cardan protection. Available with pulley kits and flanges for hydraulic motors, overgears.



- CM 2668600
p_bhs90_bhs105_bhs120.pdf
MI 91917
DI 2688500

Pompa con Membrane in BlueFlex™ **NBR Pompa con Membrane in NBR**
Pumps with BlueFlex™ diaphragm Pumps with NBR diaphragm

155



BHS 130 - BHS 150

ALTA PRESSIONE
high pressure

Serie OTTONE
brass series



atomizzatori
atomizers

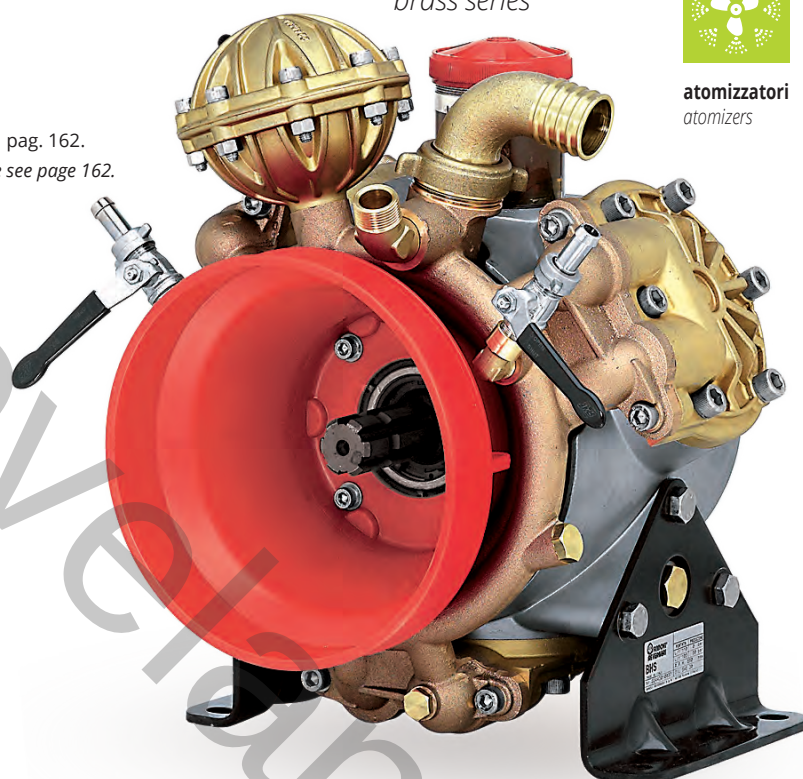


deicing
deicing



antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.

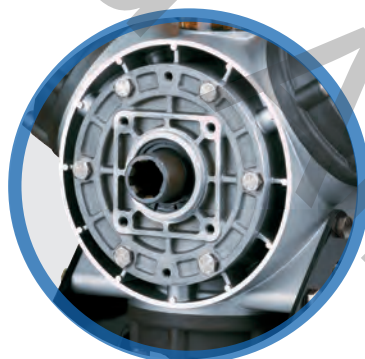


B
BlueFlex

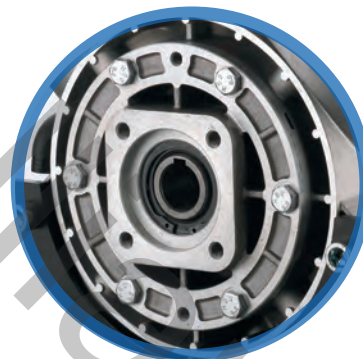
BHS 150



AP C/C



AP C/F 1" 3/8



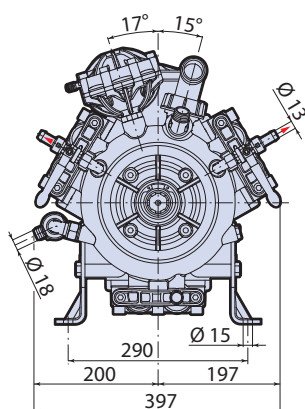
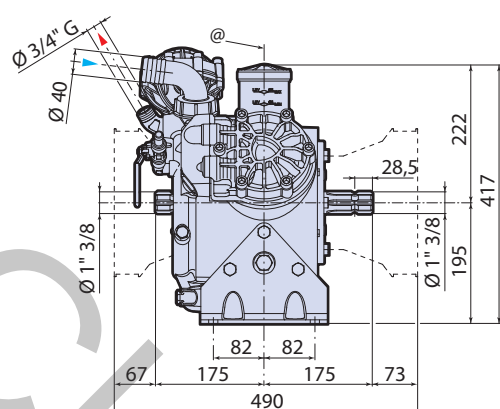
AP C/F Ø32

Caratteristiche Generali

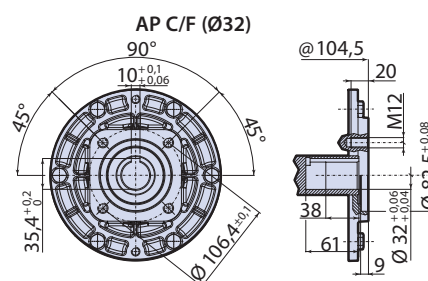
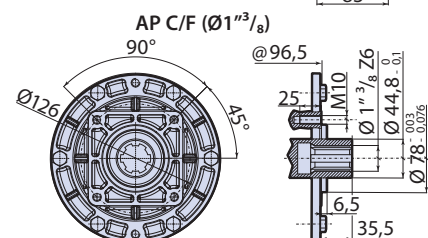
Pompa a tre membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompanti in ottone/bronzo e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo e cuffia di protezione cardano. Disponibile versione C/F (Ø32) per accoppiamento diretto con motore idraulico. Disponibili con flangiate per moltiplicatori di giri.

General Features

Semi-hydraulic three-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in brass/bronze and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm and cardan protection. Available in C/F (Ø32) version for direct coupling to hydraulic motor. Available with flanges for overgears.



Technical drawing of a circular plate with 10 holes. The drawing includes a top view and a side view. The top view shows a circular plate with a diameter of $\varnothing 126$ and 10 holes arranged in a circle. The distance between the center of the plate and the center of a hole is $AP\ C/C$ at a 90° angle. The distance between the center of the plate and the center of a hole is 45° . The side view shows the plate has a thickness of 25 mm. The holes have a diameter of $\varnothing 62.5^{+0.2}_{+0.1}$ and a depth of 28.5 mm. The plate has a central hole with a diameter of $\varnothing 83$ and a thickness of 2.85 mm. The holes are spaced at $1^{st}/_{16}$ intervals.



CM 224860
sp_bhs130_bhs150.pdf
MI 91913
DI 2248500



Cod. vedi pag. 191.
Code see page 191.

Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

157



BHS 170 - BHS 200

Serie OTTONE
brass series

ALTA PRESSIONE
high pressure



atomizzatori
atomizers

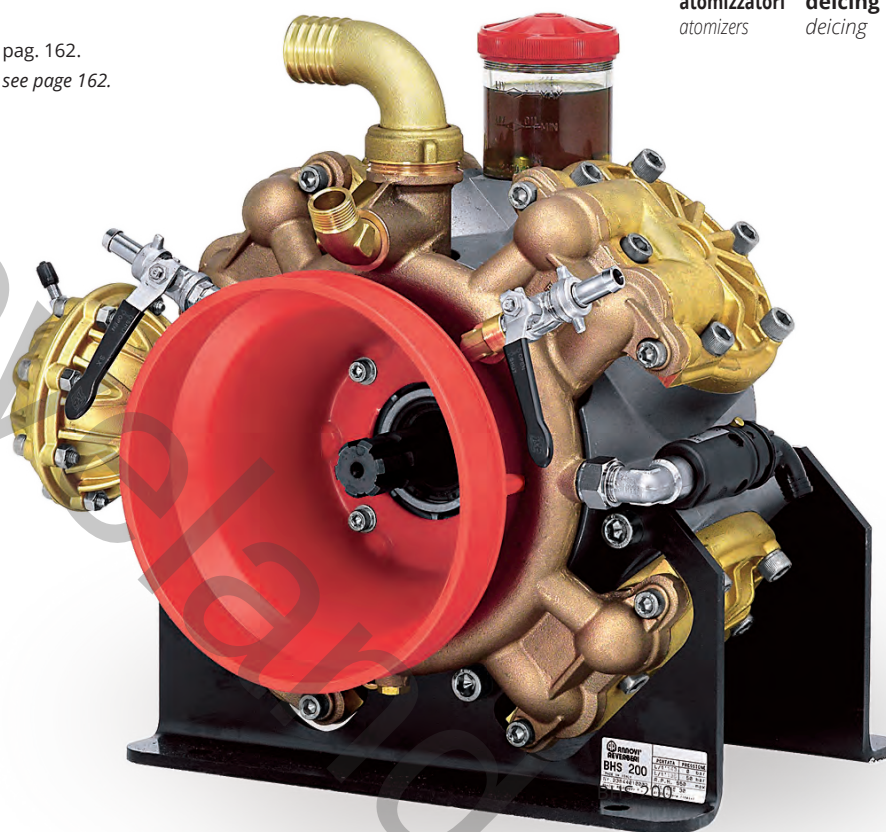


deicing
deicing



antincendio
fire-fighting

Gruppi comando vedi pag. 162.
For control units please see page 162.



AP C/C



AP C/F 1" 3/8



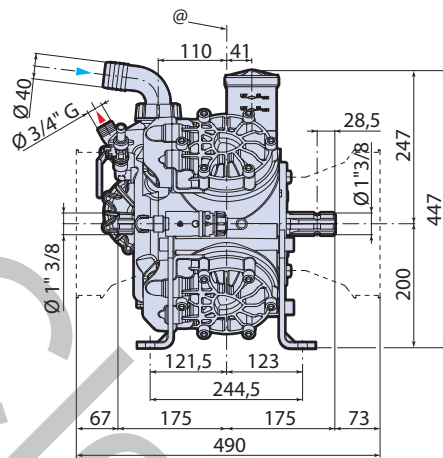
AP C/F Ø32

Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Condotto di aspirazione e mandata esterno alla pompa. Parti in contatto con i liquidi pompanti in ottone/bronzo e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria con trattamento di zincatura galvanica. Completa di valvola di sovrappressione con riarmo e cuffia di protezione cardano. Disponibile versione C/F (Ø32) per accoppiamento diretto con motore idraulico. Disponibili con flangiate per moltiplicatori di giri.

General Features

Semi-hydraulic four-diaphragm pump. Suction and delivery manifold separate from the pump. Parts in contact with pumped liquids in brass/bronze and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Metal fasteners with galvanised finish. Complete with safety valve with re-arm and cardan protection. Available in C/F (Ø32) version for direct coupling to hydraulic motor. Available with flanges for overgears.

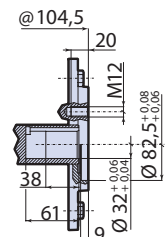
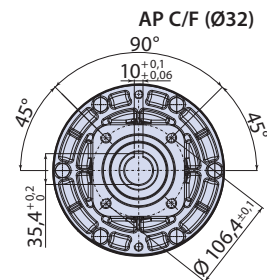
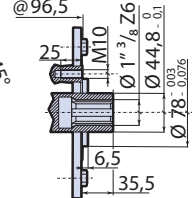
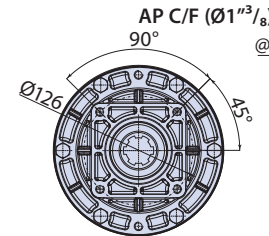
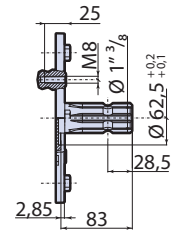
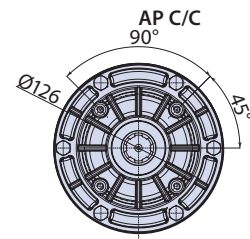
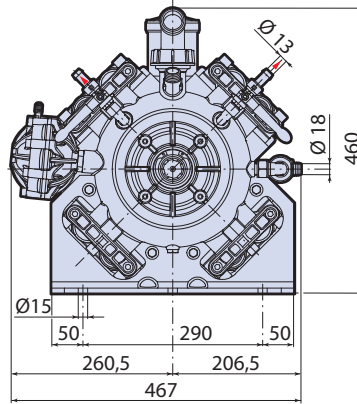


Kit Appl. FD



CM 2388600
sp_bhs170_bhs200.pdf
MI 91915
DI 2388500

Cod. vedi pag. 191.
Code see page 191.



B **Pompa con Membrane in BlueFlex™**
Pumps with BlueFlex™ diaphragm

NBRPompa con Membrane in NBR
Pumps with NBR diaphragm

159



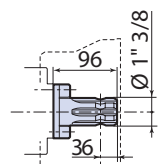
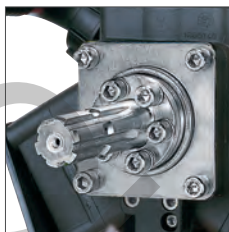
KIT APPLICAZIONI

ALTA PRESSIONE
high pressure

BHS 90
BHS 105
BHS 120

application kits

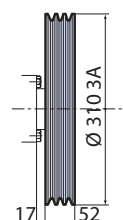
Kit Appl. C cod.1519



Cardano 1" $\frac{3}{8}$
1" $\frac{3}{8}$ universal shaft

CM 658603
MI 5775

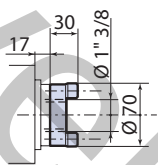
Kit Appl. P



Puleggia
Pulley

Kit Appl. P cod.1520 Ø310 3A

Kit Appl. F cod.1510



Femmina 1" $\frac{3}{8}$
1" $\frac{3}{8}$ female

Le applicazioni sono da utilizzare solamente con le opportune protezioni a tutela dell'operatore.
The applications should be used only with the proper protective equipment for the safety of the operator.

Per pompe versione For version pump	C/SP					C/F 1" $\frac{3}{8}$
Tipo · Type	Kit Appl. C	Kit Appl. F	Kit Appl. P	Kit Appl. FDG	Kit Appl. IDM/IDP	Kit Appl. FD
BHS 90	cod. 1519	cod. 1510	cod. 1520	pag. 194	pag. 186	pag. 191
BHS 105	cod. 1519	cod. 1510	cod. 1520	pag. 194	pag. 186	pag. 191
BHS 120	cod. 1519	cod. 1510	-	pag. 194	pag. 186	pag. 191

Kit Appl. FD (1)



Dimensioni vedi pag.191.
See dimensions page 191.

Per moltiplicatori. La versione FD è da applicare alle pompe versione C/F 1" $\frac{3}{8}$.
For overgears. The FD version should be fitted on C/F 1" $\frac{3}{8}$ version pumps.

Kit Appl. FDG (1)



Dimensioni vedi pag.194.
See dimensions page 194.

Per moltiplicatori. La versione FDG è da applicare alle pompe versione C/SP.
For overgears. The FDG version should be fitted on C/SP version pumps.

I codici si riferiscono al solo kit applicazione, pompa esclusa.
(1) Le dimensioni di questi kit applicazione variano a secondo della marca e del tipo di macchina a cui deve essere applicata la pompa.

The part numbers refer to the application kit only, excluding the pump.

(1) The dimensions of these kits vary according to the make and type of machine the pump is to be installed on.

Marca Make	Tipo Type	KIT APPL. FD	KIT APPL. FDG
		Cod.	Cod.
Bima	CAR 3 P Foratura esterna 160x75	5345	5330
	CAR 3 P Foratura interna 70x82	5344	5328
	M30N - M47N - M60N	5336	5348
	MSC	5354	5355
CMV	MA 50 Foratura esterna 160x75	5345	5330
	MA 50 Foratura interna 70x82	5344	5328
	MA86 MA86S MA107 MA107S MA110 MA110S MA110 3V	5336	5348
Comer	A 4 A	55364	55365
	D4 D7 D21 D27	5336	5348
Fieni	CM 9 PG	55354	55355
	Moltiplicatore V1	5346	5290
GB	AP 102	55364	55365
	AT39	5345	5330
	AT46 - AT53 - AT55 - AT65 - AT70	5336	5348
Reduco	R810 R830 R840	5336	5348
Omas	Moltiplicatore	55359	-



Kit Appl.IDM/IDP



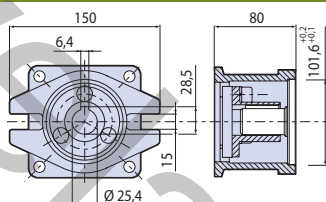
Per motori e pompe idrauliche.
For hydraulic motors and pumps.

Applicazioni "IDP" per pompe idrauliche Fittings for hydraulic pumps "IDP"

Marca Make	Tipo Type	Codice Code	Dimensioni Dimensions
---------------	--------------	----------------	--------------------------

Pompe
Casappa gruppo 3
Salami flangia
SAE - 1"

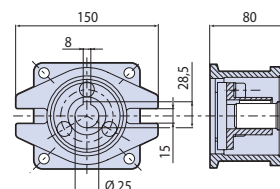
5335



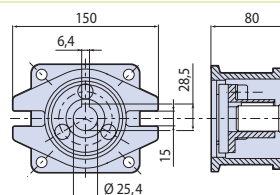
Applicazioni "IDM per motori idraulici Fittings for hydraulic motors "IDM"

Marca Make	Tipo Type	Codice Code	Dimensioni Dimensions
---------------	--------------	----------------	--------------------------

OMP 25 - 32
40 - 50
albero Ø25mm 5327
80 - 100 - 160
Sauer Danfoss OMR 80 OMR 100

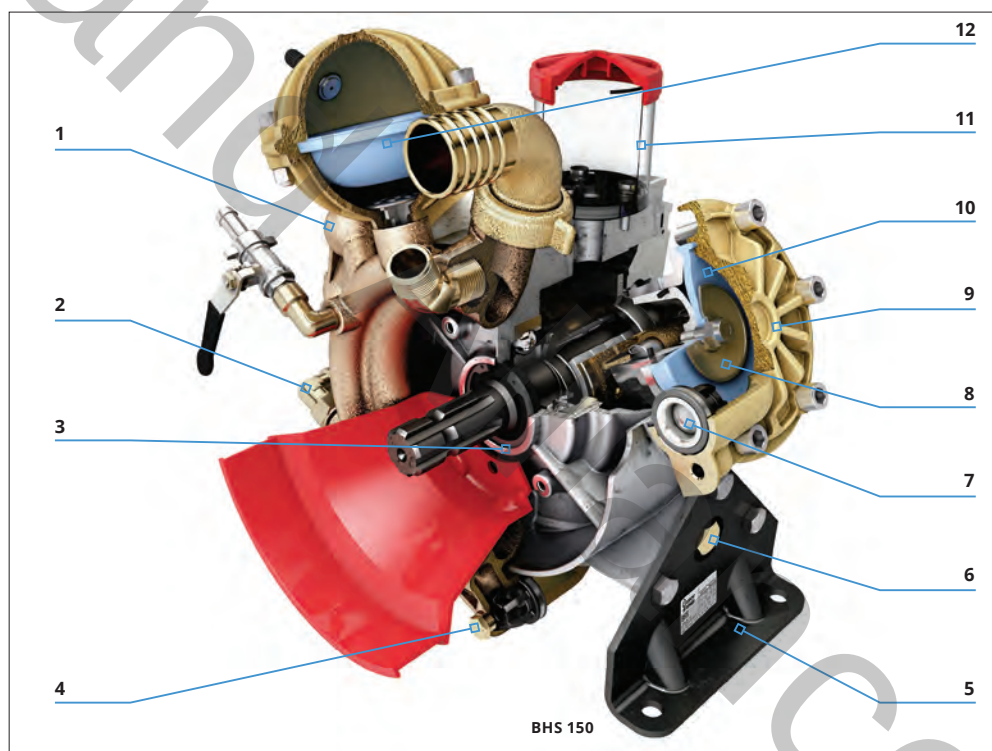


OMP 50
albero Ø25,4 mm (Ø 1") 5312
80 - 100 - 160
OMR 80 OMR 100



Char-Lynn Serie 2000
Eaton albero Ø25,4mm (Ø1") 5312
Tipo 2 - 80,2- 100,2 160

PLUS



BHS 150

1. Doppio circuito, esterno alla pompa, aspirazione e mandata monoblocco in bronzo esclusivo AR.
Exclusive AR bronze monoblock dual suction and delivery circuit separate from pump.
2. Valvola di sicurezza incorporata.
Integral safety valve.
3. Meccanica robusta con cuscinetti sovradimensionati.
High-strength mechanical parts with oversize bearings.
4. Tappo di svuotamento per rimessaggio invernale.
Drainage plug for end-of-season storage.
5. Supporti in lamiera con trattamento di Cataforesi, di costituzione robusta e fissati al corpo pompa.
High-strength electrophoresis-treated steel plate supports fixed to pump body.
6. Tappo scarico olio.
Oil drain plug.
7. Nuove valvole aspirazione e mandata, studiate per la riduzione del rumore.
New intake and delivery valves designed to reduce noise.
8. Piattello richiamo membrana ottimizzato per incrementare la vita della membrana.
Diaphragm return plate optimised for longer diaphragm lifetime.
9. Testata in ottone ad alta resistenza.
High-strength brass head.
10. Serbatoio olio in poliammide, alta resistenza.
High-strength polyamide oil tank.
11. Membrana camera aria in BlueFlex™.
BlueFlex™ air chamber diaphragm.
12. Membrana BlueFlex™ ad alte prestazioni.
High-performance BlueFlex™ diaphragm.



GRUPPI COMANDO

ALTA PRESSIONE
high pressure

control units

Tipo Type	Portata max Max delivery		Pressione max Max pressure		N° Rubinetti Valves	Peso Weight kg	Ingresso Inlet mm	Scarico Return mm	Uscita Outlet mm	Pag.
	L/1'	gpm	bar	psi						
NEW GMC 50	80	21,1	50	725	(2)	1,2	¾"G	Ø25	Ø10	163
VDR 50	130	34,3	50	725	2 (+2)	2,2	¾"G	Ø25	Ø13	164
GH 50	200	52,8	50	725	(2)	3,8	¾"G	Ø25	Ø13	174
VH 50	200	52,8	50	725	(2)	2,5	¾"G	Ø25	Ø13	175
By Matic 50	200	52,8	50	725	2 (+2)	2,7	¾"G	Ø25	Ø13	166
BMH 50	200	52,8	50	725	2 (+2)	3,1	¾"G	Ø25	Ø13	168
BMS 50	200	52,8	50	725	2	5	¾"G	Ø25	Ø13	170
NEW BMC 50	200	52,8	50	725	(2)	5	¾"G	Ø25	Ø13	172



NEW

GMC 50
AR 713, AR 813



VDR 50*
BHA-BHP 130,
BHS 90-105-110-120
AR 713, AR 813, AR 1064,
AR 903, AR 1053, AR 1203



BY Matic 50*
BHA-BHP 130-150-170-200
AR 713, AR 813, AR 1064,
AR 903, AR 1053,
AR 1203, AR 1604

ALUMINIUM

ALUMINIUM



BRASS

BMH 50
BHA-BHP 130-150-170-200
BHS 90-105-120-130-150-170-200
AR 713, AR 813, AR 1064,
AR 903, AR 1053,
AR 1203, AR 1604



BRASS

BMS 50
BHS 90-105-120
BHS 130-150-170-200



BRASS

BMC 50
BHS 95-90-105-120
BHS 130-150-170-200



NEW



GH 50
BHA-BHP 130-150-170-200
BHS 90-105-120-130-150-170-200



VH 50
BHA-BHP 130-150-170-200
BHS 90-105-120-130-150-170-200
AR 713, AR 813, AR 1064,
AR 903, AR 1053, AR 1203, AR 1604

* Le foto si riferiscono a gruppi comando versione "a distanza".
* The photos are relative to "remote" control unit versions.

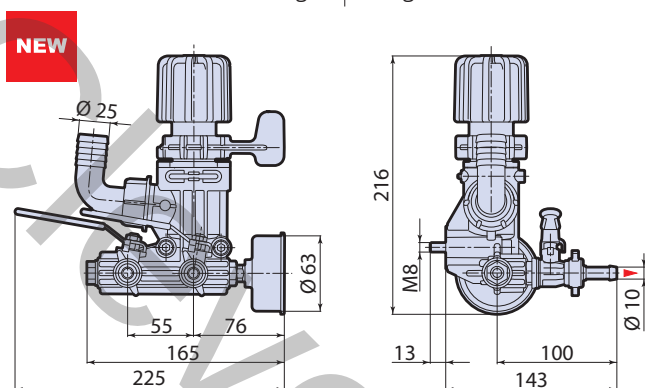
GMC 50

ALTA PRESSIONE
high pressure

Portata max	80	L/1'	Max. flow	21,1	gpm
Pressione max	50	bar	Max. pressure	725	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	1,2	kg	Weight	2,6	lb



CM 4908600
DI 4908500
sp_gmc50.pdf
MI 95094



Cod. 32284



AR 713



AR 813

Gruppo comando con valvola di regolazione pressione lavoro, leva comando by-pass, completo di manometro a bagno di glicerina con quadrante colorato.

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 713
AR 813

32284
2 rubinetti
2 valves

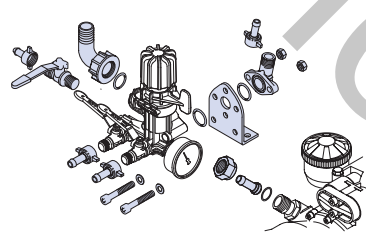
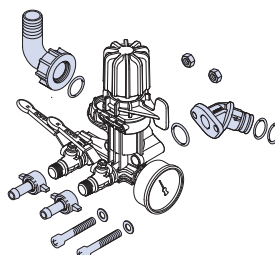
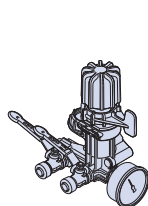
43992

43994
+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



32284

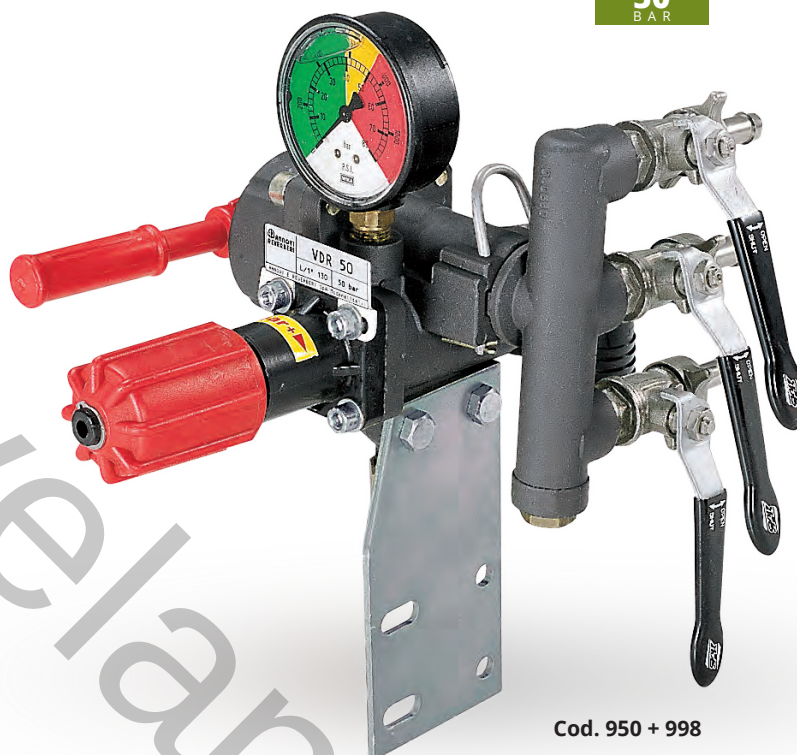
43992

43994



VDR 50

ALTA PRESSIONE
high pressure



Cod. 950 + 998

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 713
AR 813
AR 903
AR 1053
AR 1064
AR 1203
BHA series
BHP series
BHS series

950
2 rubinetti
2 valves

33053
2 rubinetti
2 valves
Manometro inox
Inox pressure gauge

978
AR 713 - AR 813 - AR 1064

946
AR 903 - AR 1053 - AR 1203
BHA 130 - BHP 130
BHS 90 - BHS 105
BHS 120 - BHS 130

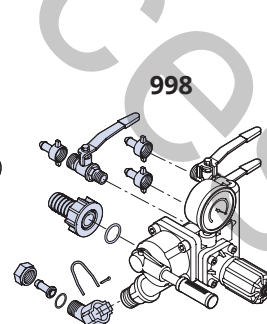
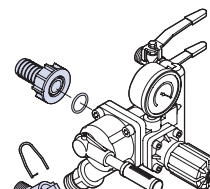
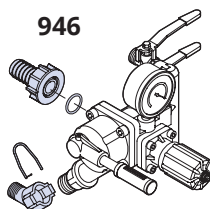
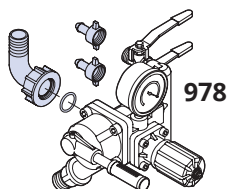
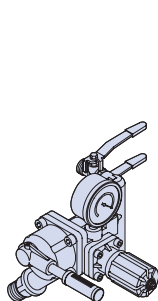
946 3/4" G (M)
Senza autobloccanti e senza staffa / Without
self-locking nuts and without bracket

998 (Ø13)
+1 rubinetto / valve
Senza autobloccanti / Without self-locking nuts

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



950

33053

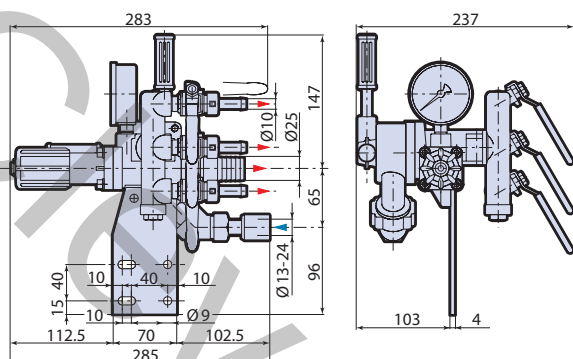
978

946

946

998

CM 1048607
sp_vdr50.pdf
MI 99369



011088505



A richiesta con
manometro inox a scala
0÷60 bar.
*With 0÷60 bar scale
inox pressure gauge on
request.*



BHS 90-105-120-130

Control unit with working pressure regulating valve, by-pass control lever and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

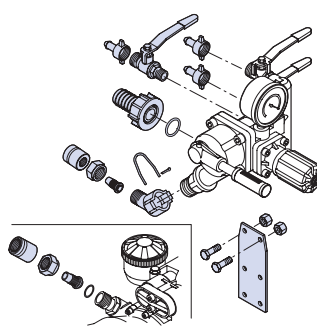
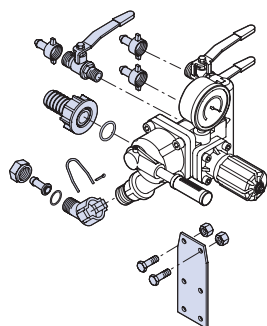
codice • *code*

987 (Ø19x34)
+1 rubinetto / valve
Con autobloccanti / With self-locking nuts
AR 1064 - BHA 130 - BHP 130
BHS 90 - BHS 105 - BHS 120 - BHS 130

AR 713
AR 813
AR 903
AR 1053
AR 1064
AR 1203
BHA series
BHP series
BHS series

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



987



BY MATIC 50

ALTA PRESSIONE
high pressure



Cod. 960 + 999

ALUMINIUM

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series

960
2 rubinetti
2 valves

895

988

Senza autobloccanti e senza staffa / Without self-locking nuts and without bracket

33054

2 rubinetti
2 valves

Non disponibile per
Not available for
AR 1064, AR 1604

999

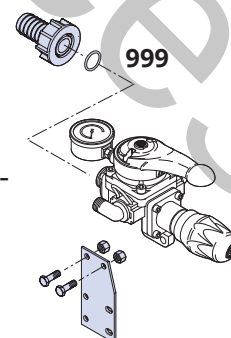
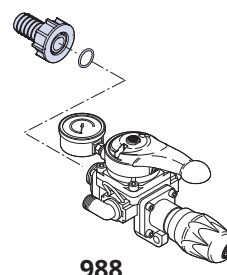
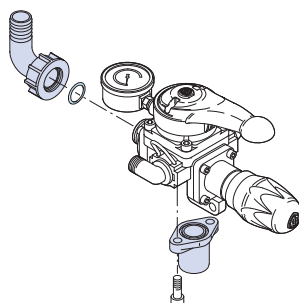
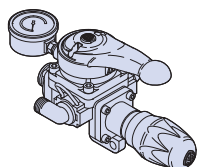
Senza autobloccanti con staffa / Without self-locking nuts and with brackets

Manometro inox
Inox pressure gauge

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



960

33054

895

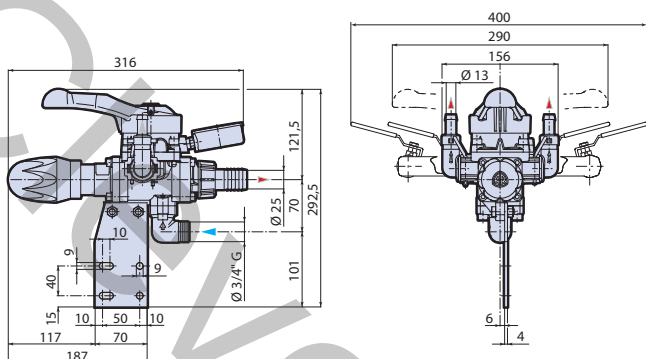
988

999

CM 1158610
sp_bymatic50.pdf
MI 99370



01 1158504



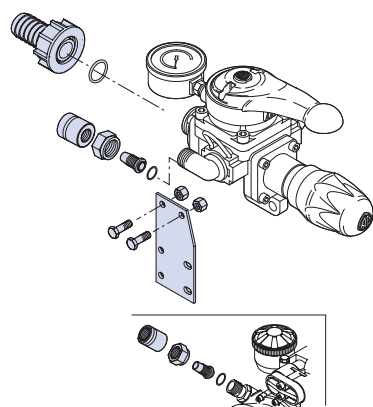
BHS

Control unit with working pressure regulating valve, single lever for partial or total closure and discharge, and glycerine bath pressure gauge with coloured dial.

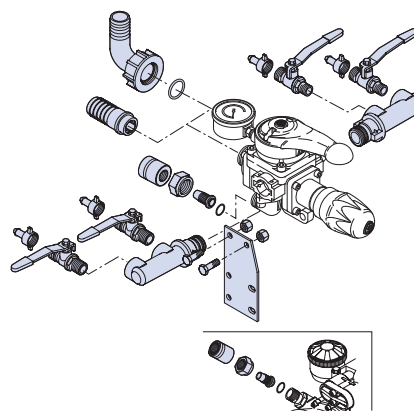
Tipo pompa
Pump type

997 (Ø19x34)
4 rubinetti / valves
Con autobloccanti / With self-locking nuts

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series



990



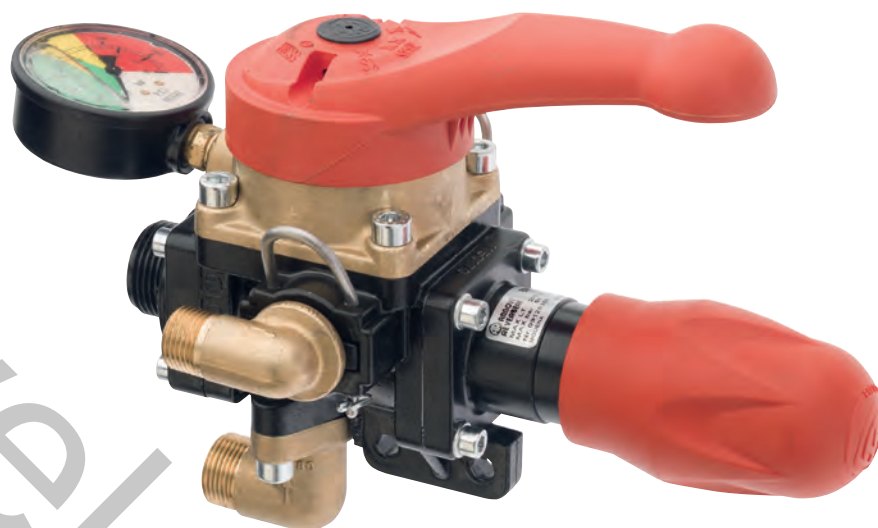
997

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



BMH 50

ALTA PRESSIONE
high pressure



Cod. 963

ALUMINIUM

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

Kit per comando separato
Kit for remote control unit

codice • code

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series

963
2 rubinetti
2 valves

895

988
Senza autobloccanti e senza staffa / Without
self-locking nuts and without bracket

33055
2 rubinetti
2 valves
Manometro inox
Inox pressure gauge

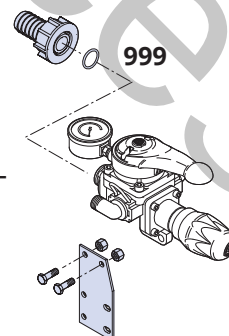
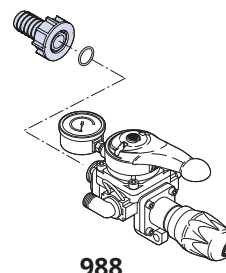
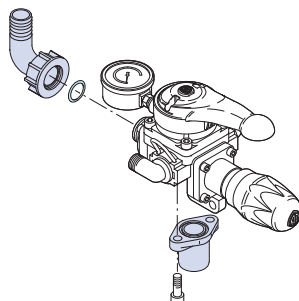
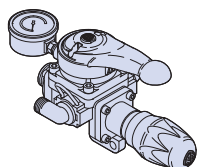
Non disponibile per
Not available for
AR 1064, AR 1604

999
Senza autobloccanti con staffa / Without self-
locking nuts and with brackets

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



963

33055

895

988

999



Portata max	200	L/1'	Max. flow	52,8	gpm
Pressione max	50	bar	Max. pressure	725	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	3,1	kg	Weight	6,8	lb



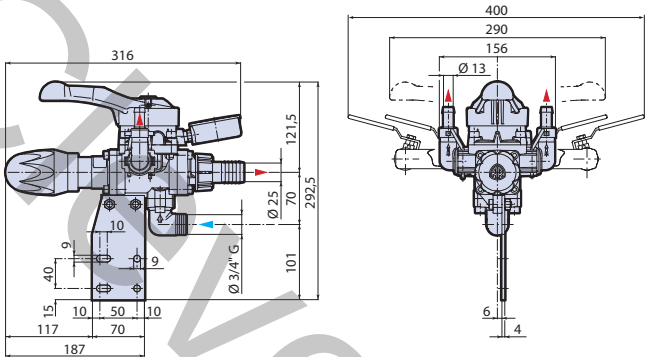
A richiesta con
manometro isometrico
a scala differenziale.
*With differential scale
isometric pressure gauge
on request.*

CM 1158610
sp_bmh50.pdf
MI 99985



A richiesta con
manometro inox a scala
0÷60 bar.
*With 0÷60 bar scale
inox pressure gauge on
request.*

DI 1158509



AR 903 - 1053 - 1203

AR 1064

AR 1604

BHA-BHP

BHS

**Gruppo comando in ottone con valvola di regolazione
pressione lavoro**, leva unica per comando chiusura parziale
o generale e scarico, manometro a bagno d'olio di glicerina
con quadrante colorato.

*Brass control unit with working pressure regulating valve,
single lever for partial or total closure and discharge, and
glycerine bath pressure gauge with coloured dial.*

Kit per comando separato
Kit for remote control unit

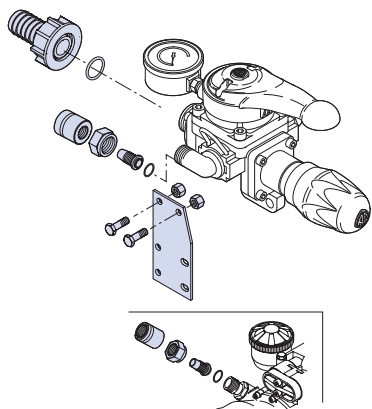
Tipo pompa
Pump type

codice • code

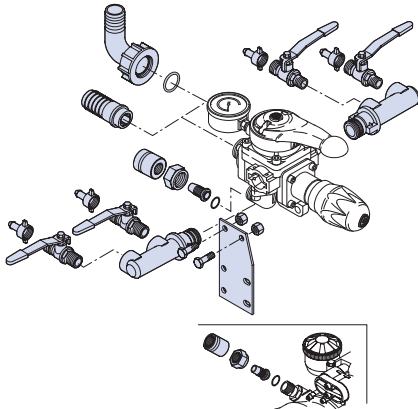
990 (Ø19x34)
Con autobloccanti / *With self-locking nuts*

997 (Ø19x34)
4 rubinetti / *valves*
Con autobloccanti / *With self-locking nuts*

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series



990



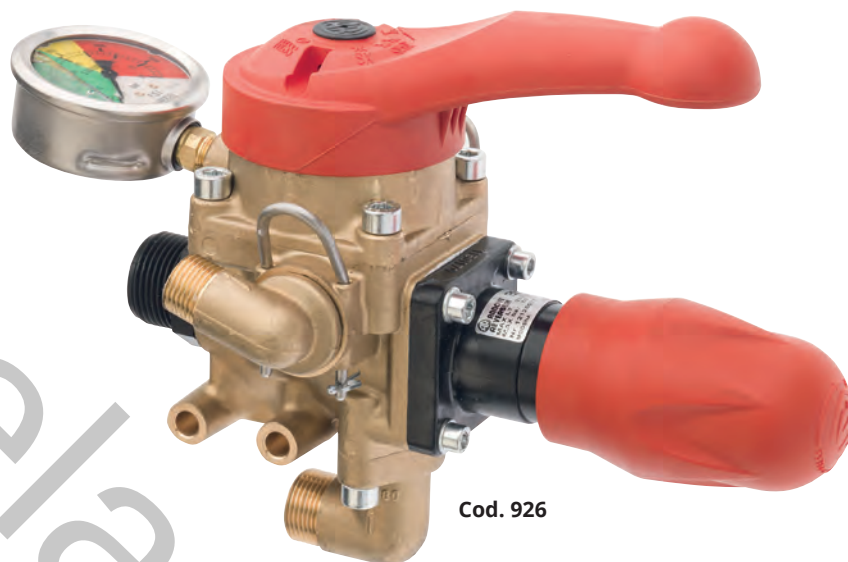
997

NB:
I disegni evidenziano
in azzurro i partico-
lari forniti nel kit cor-
rispondente, le parti
in bianco servono
come riferimento di
impiego.
*The parts marked in
blue on the drawings
are supplied in the
corresponding kit,
while the parts in white
serve as a reference
for use.*



BMS 50

ALTA PRESSIONE
high pressure



Cod. 926

BRASS

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

codice • code

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series

926
2 rubinetti
2 valves

895

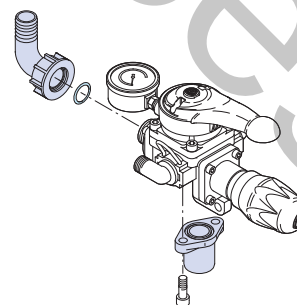
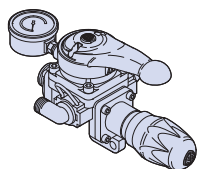
33052
2 rubinetti
2 valves
Manometro inox
Inox pressure gauge

Non disponibile per
Not available for
AR 1064, AR 1604

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



926

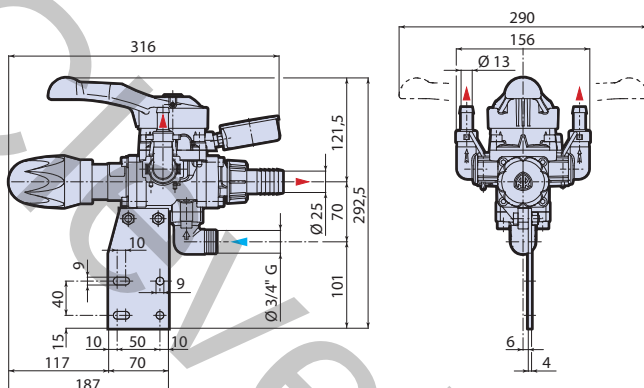
33052

895

CM 1158613
sp_bms50.pdf
MI 99366



01158511



BHS

Brass control unit with working pressure regulating valve, single lever for partial or total closure and discharge, and glycerine bath pressure gauge with coloured dial.

Tipo pompa
Pump type

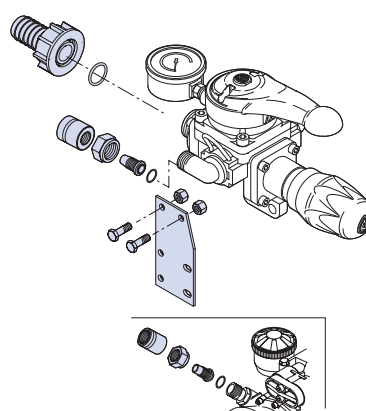
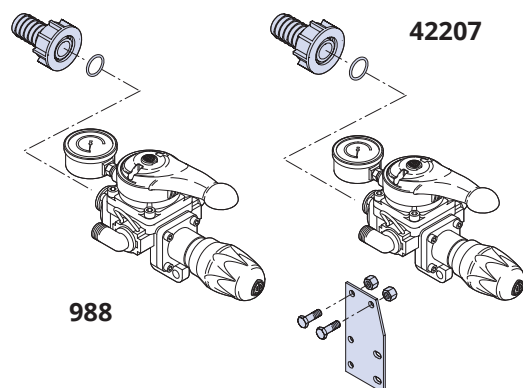
codice • *code*

Senza autobloccanti / *Without self-locking nuts*

Senza autobloccanti con staffa / *Without self-locking
nuts and with bracket*

Con autobloccanti / With self-locking nuts

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series



I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.

42208

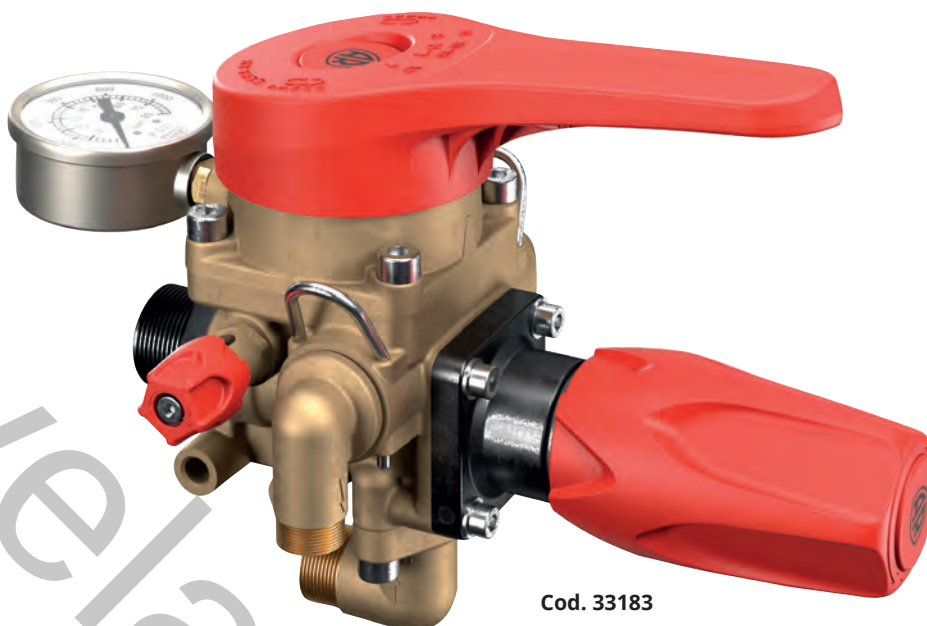


BMC 50

ALTA PRESSIONE
high pressure



NEW



Cod. 33183

BRASS

Tipo pompa
Pump type

Gruppo comando
Control unit

Kit per comando incorporato
Kit for built-in control unit

codice • code

AR 903
AR 1053
AR 1064
AR 1203
AR 1604
BHA series
BHP series
BHS series

46220

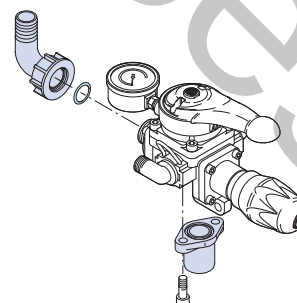
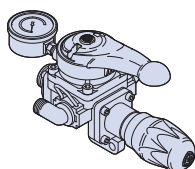
33183
2 rubinetti
2 valves

Non disponibile per
Not available for
AR 1064, AR 1604

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



33183

46220

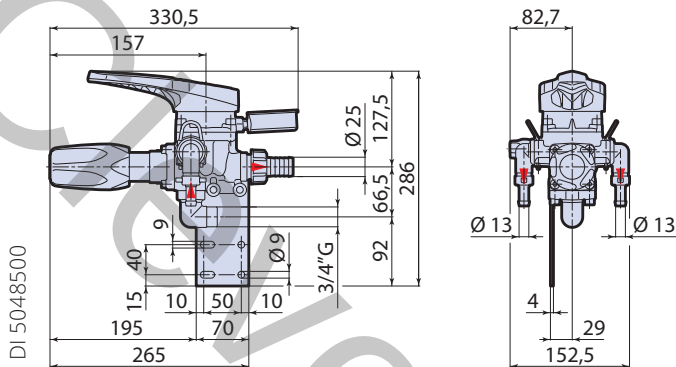


Portata max	200	L/1'	Max. flow	52,8	gpm
Pressione max	50	bar	Max. pressure	725	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	5	kg	Weight	11	lb



A richiesta con
manometro isometrico
a scala differenziale.
*With differential scale
isometric pressure gauge
on request.*

CM 5048600
sp_bmc50.pdf
MI 95095



AR 903 - 1053 - 1203

AR 1064

AR 1604

BHA-BHP

BHS

Gruppo comando in ottone con valvola di regolazione pressione lavoro, leva unica per comando chiusura parziale o generale e scarico, manometro a bagno d'olio di glicerina con quadrante colorato.

Brass control unit with working pressure regulating valve, single lever for partial or total closure and discharge, and glycerine bath pressure gauge with coloured dial.

Kit per comando separato
Kit for remote control unit

Tipo pompa
Pump type

codice • code

46218

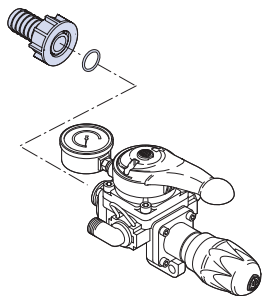
Senza autobloccanti / Without self-locking nuts

46219

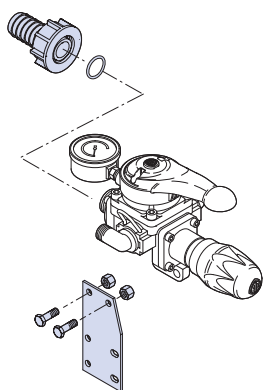
Senza autobloccanti con staffa / Without self-locking nuts and with bracket

**AR 903
AR 1053
AR 1064
AR 1203
AR 1604**

**BHA series
BHP series
BHS series**



46218



46219

NB:

I disegni evidenziano in azzurro i particolari forniti nel kit corrispondente, le parti in bianco servono come riferimento di impiego.

The parts marked in blue on the drawings are supplied in the corresponding kit, while the parts in white serve as a reference for use.



GH 50

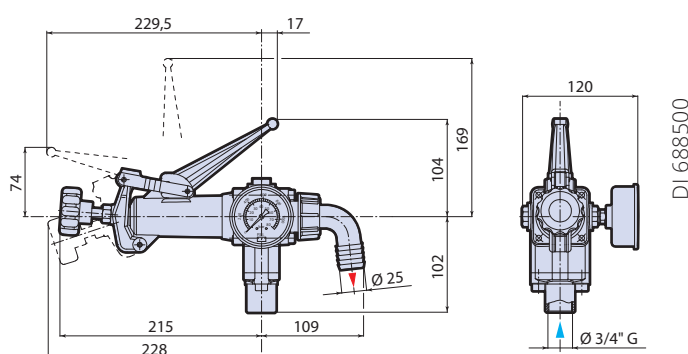
ALTA PRESSIONE
high pressure



Portata max	200	L/1'	Max. flow	52,8	gpm
Pressione max	50	bar	Max. pressure	725	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	3,8	kg	Weight	8,4	lb

Modello / Model	GH 50
Cod.	962
N° uscite / No. of valves	(2)*

* A richiesta / On request



BHA-BHP



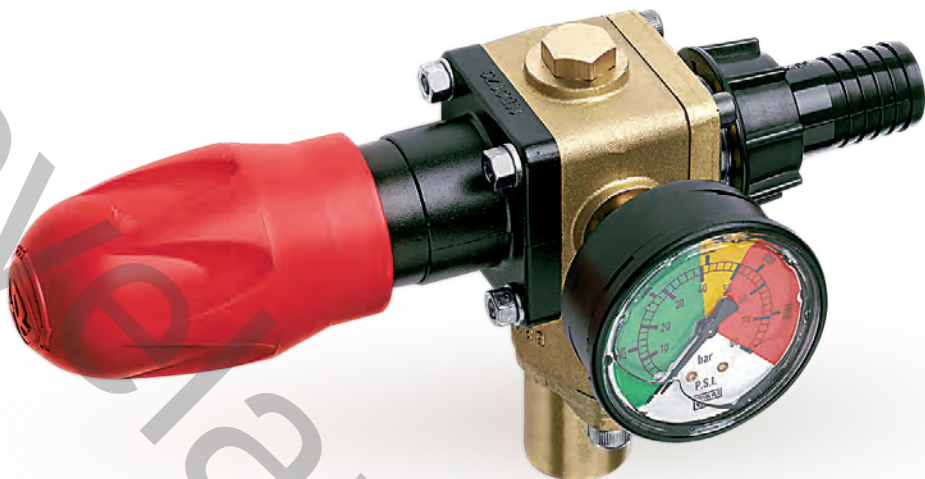
BHS

Gruppo comando in ottone con valvola di regolazione pressione lavoro, leva comando apertura/chiusura by-pass, manometro a bagno d'olio di glicerina con quadrante colorato, per BHA series, BHP series e BHS series.

Brass control unit with working pressure regulating valve, single lever for partial or total by-pass opening and closure, and glycerine bath pressure gauge with coloured dial, for BHA series, BHP series and BHS series.

VH 50

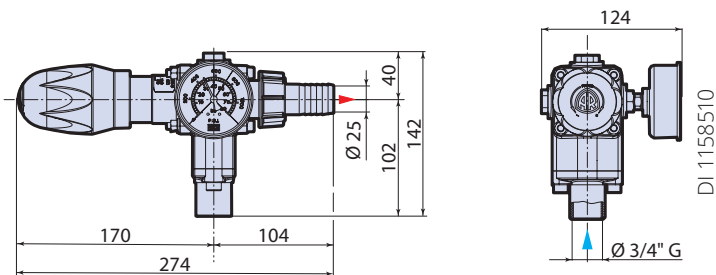
ALTA PRESSIONE
high pressure



Portata max	200	L/1'	Max. flow	52,8	gpm
Pressione max	50	bar	Max. pressure	725	psi
Temperatura max	60	°C	Max. temperature	140	°F
Peso	2,5	kg	Weight	5,5	lb

Modello / Model	VH 50
Cod.	958
N° uscite / No. of valves	(2)*

* A richiesta / On request



CM 1158611
sp_gh50_vh50.pdf
MI 90165



AR 903 - 1053 - 1203



AR 1064



AR 1604



BHA-BHP



BHS

Gruppo comando in ottone con valvola di regolazione pressione lavoro, manometro a bagno d'olio di glicerina con quadrante colorato.

Brass control unit with working pressure regulating valve, and glycerine bath pressure gauge with coloured dial.

HYDRAULIC DRIVE





HYD-XJS

HYDRAULIC DRIVE



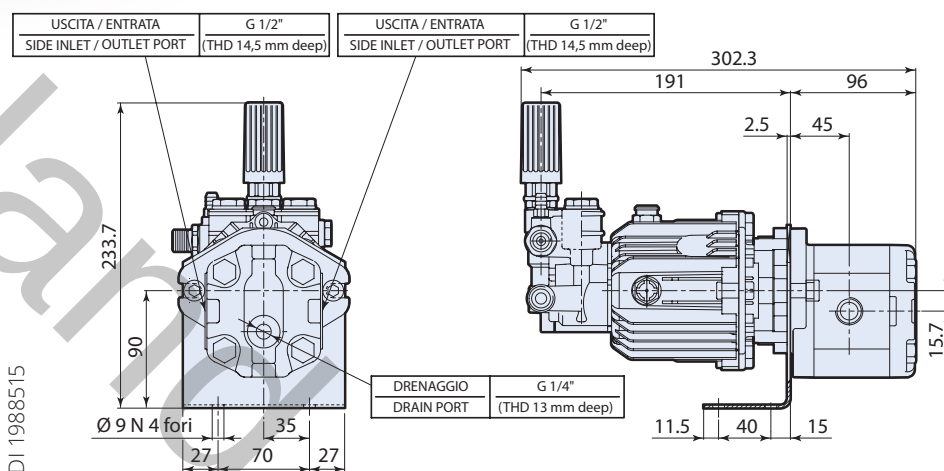
testa in
ottone
brass
head



motore
idraulico
hydraulic
drive



CM 1988648+1988600
sp_30050_HYD_XJS.pdf
MI 90008+99308



HYD - XJS

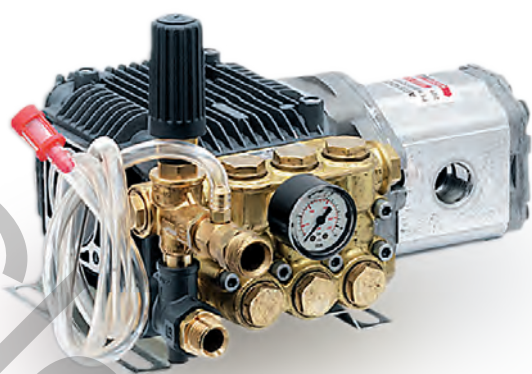
MOD	COD	POMPA A PISTONI • HP PISTON PUMP						MOTORE IDRAULICO • HYDRAULIC MOTOR						 KG NET
		 MAX	 MAX	 RPM	 MAX	 RPM	 MAX	SAUER DANFOSS			 MAX	 MAX	 RPM	
		l/min	gpm	bar	psi	N° giri/1'	hp	Type	Cod	cm³	bar	l/min	N° giri/1'	kg
HYD-XJS														
HYD XJS 11.14	21659	11	2,90	140	2030	2800	4	SNM2NN/8,0BN06 GAM1F4F4N	4768	8,4	123	24,5	2800	13

Caratteristiche Generali

Kit pompa a pistoni per il lavaggio dell'irroratrice, a fine trattamento, prima della messa in strada. Mod. XJS 11.14 con valvola di regolazione incorporata nella testata con ritorno automatico della pompa a 0 bar alla chiusura, by-pass, con iniettore detergente, manometro Ø40mm, 16m tubo AP 5/16" DN8 200bar 100°C, pistola AR 334 con sicura, lancia con testina regolabile Reg Spray 5. Completo di motore idraulico modello Sauer Danfoss.

General Features

Piston pump kit for washing the sprayer, at the end of treatment, before use. Model XJS 11.14 with regulation valve incorporated in the head with automatic return of pump to 0 bar upon closure, by-pass with detergent injector, Ø40mm pressure gauge, 16m tube AP 5/16" DN8 200bar 100°C, AR 334 gun with safety catch, lance with Reg Spray 5 adjustable head. Complete with Sauer Danfoss model hydraulic motor.



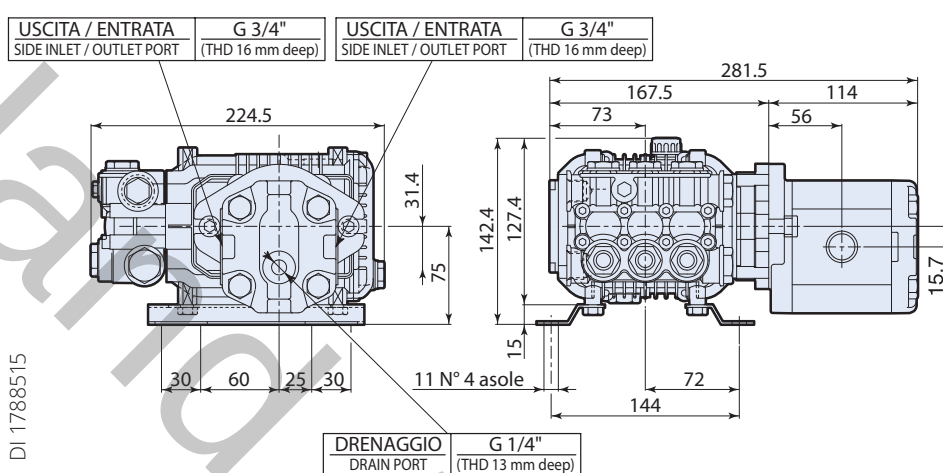
testa in
ottone
brass
head



bielle in
alluminio
connecting-rods
in aluminium



motore
idraulico
hydraulic
drive



CM 228606
sp_30060_HYD_XM.pdf
MI 90008+91422

DI 1788515

HYD - XM

MOD	COD	POMPA A PISTONI • HP PISTON PUMP						MOTORE IDRAULICO • HYDRAULIC MOTOR						KG NET
														
		l/min	gpm	bar	psi	N° giri/1'	hp	Type	Cod	cm³	bar	l/min	N° giri/1'	kg
HYD-XM														
HYD-XM 15.15	21660	15	3,96	150	2200	1450	5,5	SNM2NN/019 BN06GAM1F5F5N	4769	19,2	105	29	1450	17

Caratteristiche Generali

Kit pompa a pistoni per il lavaggio dell'irroratrice, a fine trattamento, prima della messa in strada. Mod. XM 15.15, valvola di regolazione Mini Matic 4/B con ritorno automatico della pompa a 0 bar alla chiusura, by-pass, con iniettore detergente regolabile, manometro Ø40mm, 16m tubo AP 5/16" DN8 200bar 100°C, pistola AR 334 con sicura, lancia con testina regolabile Reg Spray 5. Completo di motore idraulico modello Sauer Danfoss.

General Features

Piston pump kit for washing the sprayer, at the end of treatment, before use. Model XM 15.15, Mini Matic 4/B regulation valve with automatic return of pump to 0 bar upon closure, by-pass with adjustable detergent injector, Ø40mm pressure gauge, 16m tube AP 5/16" DN8 200bar 100°C, AR 334 spray gun with safety catch, lance with Reg Spray 5 adjustable head. Complete with Sauer Danfoss model hydraulic motor.



HYD-XR

HYDRAULIC DRIVE



municipality



antincendio
fire fighting



testa in
ottone
brass
head

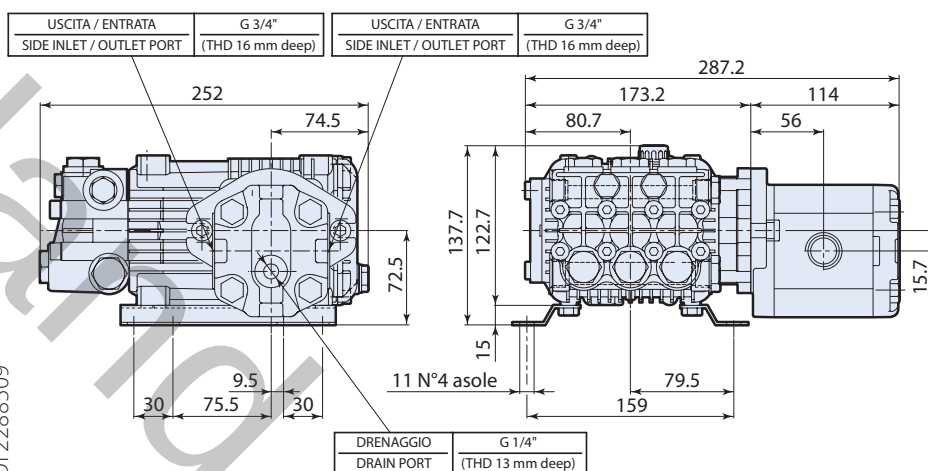


bielle in
alluminio
connecting-rods
in aluminium



motore
idraulico
hydraulic
drive

HYDRAULIC



CM 228606
sp_30060_HYD_RK.pdf
MI 90008+91423

DI 228509

HYD - RK

MOD	COD	POMPA A PISTONI • HP PISTON PUMP						MOTORE IDRAULICO • HYDRAULIC MOTOR						 KG NET
		 MAX	 MAX	 RPM		SAUER DANFOSS				 MAX	 MAX	 RPM		
		l/min	gpm	bar	psi	N° giri/1'	hp	Type	Cod	cm³	bar	l/min	N° giri/1'	kg
HYD-RK														
HYD-RK 15.20	21661	15	3,96	200	2900	1450	7,5	SNM2NN/019 BN06GAM1F5F5N	4769	19,2	140	29	1450	19

Caratteristiche Generali

Kit pompa a pistoni per il lavaggio dell'irroratrice, a fine trattamento, prima della messa in strada. Mod. RK 15.20, valvola di regolazione Gymatic 3/B con ritorno automatico della pompa a 0 bar alla chiusura, by-pass, con iniettore detergente regolabile, manometro Ø50 mm, 16m tubo AP 5/16" DN8 200bar 100°C, pistola AR 351 con sicura, lancia con testina regolabile Reg Spray 5. Completo di motore idraulico mod. Sauer Danfoss.

General Features

Piston pump kit for washing the sprayer, at the end of treatment, before use. Model RK 15.20, Gymatic 3/B regulation valve with automatic return of pump to 0 bar upon closure, by-pass with adjustable detergent injector, Ø50 mm pressure gauge, 16m tube AP 5/16" DN8 200bar 100°C, AR 351 spray gun with safety catch, lance with Reg Spray 5 adjustable head. Complete with Sauer Danfoss model hydraulic motor.



ACCESSORI & APPLICAZIONI SPECIALI

*Accessories and
Special Applications*

Protezione cardano - Universal shaft guard

	Tipo pompa Pump type	Versione Version	Lato mandata Outlet side	Lato mandata Outlet side	Lato flangia ed albero standard Flange and standard shaft side
	1491 Protezione cardano Universal shaft guard		Di serie Standard Cod.	A richiesta On request Cod.	A richiesta On request Cod.
		AR45bp, AR45 LFP	C	1491	-
	1473 Protezione cardano Universal shaft guard	NEW AR75bp, AR75 LFP	C, C/C	1473	-
		AR80bp, AR80 LFP	C, C/C SP/C	1491	-
	1492 Protezione cardano omocinetico Universal joint guard for constant velocity shaft	AR120bp, AR140bp AR120 LFP, AR140 LFP	C C/C	1491	-
		AR115/1000, AR70bp AR115bp, 135bp	C	1498	-
	1472 - 1493 Protezione cardano ovale omocinetico Universal joint guard for constant velocity shaft	AR70bp, AR115bp AR135bp	SP	-	-
		AR125bp, AR145bp AR160bp, AR185bp AR250bp, AR280bp AR320bp, AR330bp AR380bp, AR370bp AR500bp, AR560bp AR160LFP, AR185LFP	C/C	1492	1493
	1497 Protezione cardano Universal shaft guard	AR202, AR252	SP	-	-
		AR30, AR50, AR303 AR403, AR503	SP	-	-
	1474 Protezione cardano Universal shaft guard	AR30, AR50, AR403AP	C/SP	1498	-
		AR503AP	C/SP	1497	-
		AR713, AR813, AR1064	C/SP, C/C C/F	1492	1493
		AR1604	C/SP, C/C C/F	1492	1472
		AR903, AR1053 AR1203	C/SP, C/C C/F	1492	1493
		NEW BHS95	C/SP, C/C C/F	1474	-
		BHS90, BHS105 BHS120	C/SP, C/C C/F	1492	1493
		BHA series, BHP series BHS130, BHS150 BHS170, BHS200	C/C C/F	1492	1493

Cuffia protezione chiusa - Guard closed

	Tipo pompa Pump type	Cod.
	AR 125 bp - AR 145 bp	1480
	AR 713 - AR 813 - AR 1064	1481
	BHA/BHS/BHP 130, 150, 170, 200 - AR410, 460bp - AR903, AR1053, AR1203, AR330bp, AR380bp	1482
	AR 160, 185, 215, 250, 280, 320, 370, 500, 560 bp	1484

Le applicazioni sono da utilizzare solamente con le opportune protezioni a tutela dell'operatore.
The applications should be used only with the proper protective equipment for the safety of the operator.



Accessori

accessories

Pump Saver® - Salva membrana

MI 99399
sp_pump_saver_kit_signal_box.pdf



NEW

Tipo pompa Pump type	Cod.
AR 160 LFP, AR 185 LFP, AR 125 bp, AR 145 bp, AR 160 bp, AR 185 bp, AR 215 bp, AR 250 bp, AR 280 bp, AR 320 bp, AR 370 bp, AR 500 bp, AR 560 bp Twin, AR 1064, AR 1604, BHA 130, BHA 150, BHA 170, BHA 200, AR 903, AR 1053, AR 1203, BHS 90, BHS 105, BHS 120, BHS 130, BHS 150, BHS 170, BHS 200	2400
AR 713, AR 1813	2401
AR 115 bp, AR 135 bp, AR 303, AR 403, AR 503	2414
Per serbatoio alta capacità - Tank large capacity	46216

CM 768641
CM 768642
CM 768643

Kit serbatoio a distanza - Remote tank kit

sp_kit_serbatoio_OLIO_DISTANZA.pdf



Tipo pompa Pump type	Cod.
AR 713 - AR 813 - AR 245 bp - AR 275 bp AR 245 LFP - AR 275 LFP	42719
AR 160 LFP, AR 185 LFP, AR 125 bp, AR 145 bp - AR 160 bp - AR 185 bp AR 215 bp - AR 250 bp - AR 280 bp AR 903 - AR 1053 - AR 1203 - AR 1064 BHS 90 - BHS 105 - BHS 120	42720
BHA 130 - BHA 150 - BHA 170 - BHA 200 BHP 130 - BHP 150 - BHP 170 - BHP 200 BHS 130 - BHS 150 - BHS 170 - BHS 200	42721
AR 70 bp - AR 115 bp - AR 135 bp AR 303 - AR 403 - AR 503 AR 30 - AR 50	42722
AR 45 LFP - AR 80 LFP - AR 120 LFP AR 140 LFP AR 45 bp - AR 80 bp - AR 120 bp AR 140 bp	42723
AR 330 bp - AR 380 bp - AR 410 bp AR 460 bp	42786

CM 1808617
CM 758613
CM 2248620
CM 1888621
CM 13128607
CM 13128607

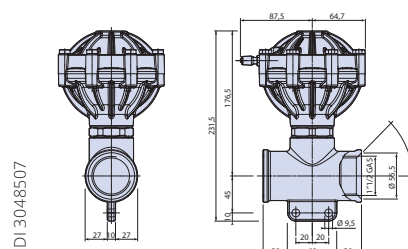
Le applicazioni sono da utilizzare solamente con le opportune protezioni a tutela dell'operatore.
The applications should be used only with the proper protective equipment for the safety of the operator.

Kit camera aria a distanza - Remote air chamber kit

sp_camera_aria_distanza.pdf
CM 3048606



Tipo pompa Pump type	Cod.
Gamma BP e LFP / BP and LFP range	42868



VSR - Valvola di sovrappressione con riarmo Overpressure valve

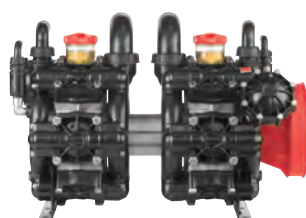


Tipo pompa Pump type	Cod.
20 bar	1432
40 bar	1433
50 bar	1434



Tipo pompa Pump type	Cod.
AR DUE - AR 202 - AR 252 (20 bar)	1439
AR 303 - AR 403 (40 bar)	1441

Flangia e giunto per abbinamento pompe AR bassa pressione - Coupling flange and joint for AR low pressure pumps

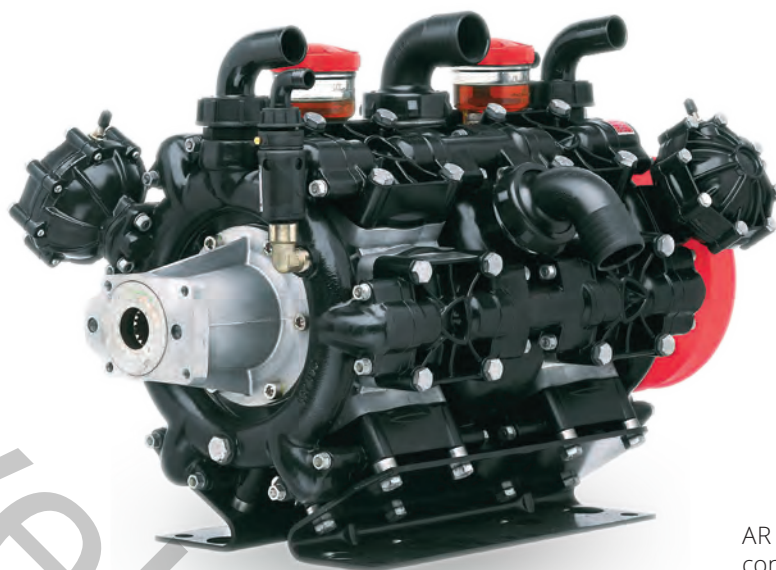


Tipo pompa 1 Pump type	Cod.	Tipo pompa 2 Pump type
AR 160 / 185 / 215 / 250 / 280 bp	42620	AR 70 / 115 / 135 bp
AR 160 / 185 / 215 / 250 / 280 bp	42621	AR 45 / 80 / 120 / 140 bp
AR 160 / 185 bp	42768	AR 160 / 185 bp
AR 160 / 185 bp	42769	AR 215 / 250 / 280 bp
AR 215 / 250 / 280 bp	42619	AR 215 / 250 / 280 bp
AR 330 / 380 bp	42774	AR 330 / 380 bp
AR 410 / 460 bp	42775	AR 410 / 460 bp



Applicazioni speciali

special applications



AR 560 bp Twin
con IDM

Appl. "IDM" per motori idraulici - Fittings for hydraulic motors "IDM"

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions	
CASAPPA	Serie RBO RBP RBR Ø25mm	AR 70 bp SP AR 115 bp SP AR 135 bp SP	5350		
		AR 202 SP AR 252 SP AR 252 AP SP	55353		
	Serie RBS Z=14	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	5349		
CHAR-LYNN EATON	Serie 2000 albero Ø25,4mm (Ø1") Tipo 2 80,2 100,2 160	AR 30 SP AR 50 SP AR 303 SP AR 403 SP AR 503 SP AR 713 C/SP AR 813 C/SP AR 903 C/SP	AR1053 C/SP AR1203 C/SP AR1064 C/SP AR1604 C/SP BHS90 C/SP BHS105 C/SP BHS120 C/SP	5312	

Applicazioni speciali

special applications



Appl. "IDM" per motori idraulici - Fittings for hydraulic motors "IDM"

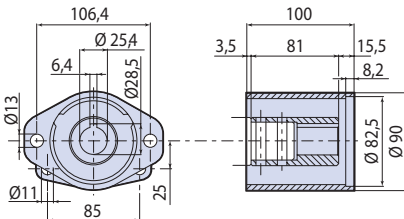
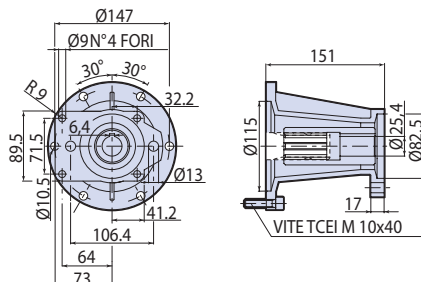
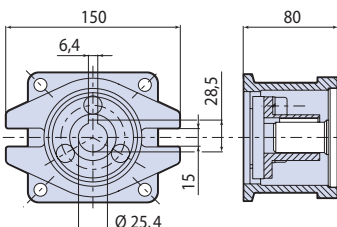
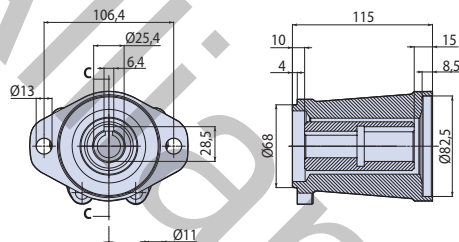
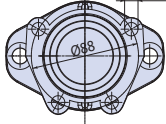
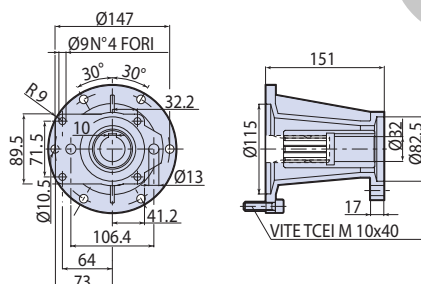
Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
SAUER DANFOSS	OMP 25 - 32 - 40 - 50 albero Ø25mm 80 - 100 - 160 OMR 80 OMR 100	AR 45 LFP SP AR 80 LFP SP AR 45 bp SP AR 80 bp SP	55372	
		AR120 LFP SP AR140 LFP SP AR 120 bp SP AR 140 bp SP	55373	
		AR 70 bp SP AR 115 bp SP AR 135 bp SP	5350	
		AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	1568	
		AR 202 SP AR 252 SP AR 252 AP SP	55353	
		AR 30 SP AR 50 SP AR 303 SP AR 403 SP AR 503 SP AR 713 C/SP AR 813 C/SP AR 903 C/SP	5327	
		AR245 LFP C/C AR275 LFP C/C AR330 LFP C/C AR380 LFP C/C AR410 LFP C/C AR460 LFP C/C AR 245 bp C/C AR 275 bp C/C AR 330 bp C/C AR 380 bp C/C AR 410 bp C/C AR 460 bp C/C	55378	



Applicazioni speciali

special applications

Appl. "IDM" per motori idraulici - Fittings for hydraulic motors "IDM"

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions	
		AR 70 bp SP AR 115 bp SP AR 135 bp SP	5341		
		AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	1570		
	OMP 50 albero Ø25,4mm (Ø1") 80 - 100 - 160 OMR 80 OMR 100	AR 30 SP AR 50 SP AR303 SP AR403 SP AR503 SP AR713 C/SP AR813 C/SP AR903 C/SP	AR1053 C/SP AR1203 C/SP AR1064 C/SP AR1604 C/SP BHS90 C/SP BHS105 C/SP BHS120 C/SP	5312	
SAUER DANFOSS		AR 45 LFP SP AR 80 LFP SP AR 45 bp SP AR 80 bp SP	55375		
		AR120 LFP SP AR140 LFP SP AR 120 bp SP AR 140 bp SP	55376		
	OMS albero Ø32mm	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	1569		

Applicazioni speciali

special applications



Appl. "IDM" per motori idraulici - Fittings for hydraulic motors "IDM"

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
SAUER DANFOSS	OMS albero Ø32mm	AR245 LFP C/C AR275 LFP C/C AR330 LFP C/C AR380 LFP C/C AR410 LFP C/C AR460 LFP C/C AR 245 bp C/C AR 275 bp C/C AR 330 bp C/C AR 380 bp C/C AR 410 bp C/C AR 460 bp C/C	55371	
	OMS albero Z=14	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	5349	
	Serie DR - MB - RS Ø25mm	AR 70 bp SP AR 115 bp SP AR 135 bp SP	5350	
WHITE HIDRAULICS	Serie DR - MB - RE Z=14	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	5349	
	Serie RS Ø25mm	AR 202 SP AR 252 SP AR 252 AP SP	55353	



Applicazioni speciali

special applications

Appl. "IDP" per pompe idrauliche - Fittings for hydraulic pumps "IDP"

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
SALAMI CASAPPA DOWTY TUROLLO PLESSEY LAMBOR- GHINI	Pompe gruppo 2 con albero conico 1:8 + giunto scanalato B35x31 DIN 5482 e flangia rettangolare	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	55352	
CASAPPA SALAMI	Pompe gruppo 3 Flangia SAE - 1"	AR 30 SP AR 50 SP AR303 SP AR403 SP AR503 SP AR713 C/SP AR813 C/SP AR903 C/SP AR1053 C/SP AR1203 C/SP AR1064 C/SP AR1604 C/SP BHS90 C/SP BHS105 C/SP BHS120 C/SP	5335	
AMA Art. 17249	Moltiplicatore su pompe idrau- liche gruppo 2	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	55351	
AMA BIMA	Moltiplicatore 1"3/8 F su pompa idraulica gruppo 3	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	55358	
HYDR-APP	Moltiplicatore ML 52-2 su pompa idraulica gruppo 3	AR245 LFP C/C AR275 LFP C/C AR330 LFP C/C AR380 LFP C/C AR410 LFP C/C AR460 LFP C/C AR 245 bp C/C AR 275 bp C/C AR 330 bp C/C AR 380 bp C/C AR 410 bp C/C AR 460 bp C/C	55370	
	Moltiplicatore ML 32-2	AR160 LFP C/C AR185 LFP C/C AR 125 bp C/C AR 145 bp C/C AR 160 bp C/C AR 185 bp C/C AR 215 bp C/C AR 250 bp C/C AR 280 bp C/C AR 320 bp C/C	55351	

Applicazioni speciali

special applications



Appl. "FD" per moltiplicatori su atomizzatori portati e trainati
Fittings for overgears on mounted and trained air-blast sprayers "FD" motors

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
	M 30 CS		5347	
	CAR 3 P Foratura interna 70x82		5344	
BIMA	CAR 3 P Foratura esterna 160x75		5345	
	M 30 N M 47 N M 60 N	AR 125 bp C/F AR 145 bp C/F AR 813 AP C/F AR 903 AP C/F AR 1053 AP C/F AR 1203 AP C/F AR 1064 AP C/F AR 1604 AP C/F BHA Series C/F BHP Series C/F BHS Series C/F	5336	
	MSC		5354	
	MA 50 Foratura interna 70x82		5344	
CMV	MA 50 Foratura esterna 160x75		5345	



Applicazioni speciali

special applications

Appl. "FD" per moltiplicatori su atomizzatori portati e trainati
Fittings for overgears on mounted and trained air-blast sprayers "FD" motors

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
CMV	MA 86 MA 86 S MA107 MA107S MA110 MA110S MA 110 3V		5336	
	D 4 D 7 D21 D27		5336	
COMER	A 4 A	AR 125 bp C/F AR 145 bp C/F AR 813 AP C/F AR 903 AP C/F AR 1053 AP C/F AR 1203 AP C/F AR 1064 AP C/F AR 1604 AP C/F BHA Series C/F BHP Series C/F BHS Series C/F	55364	
	Moltiplicatore V1		5346	
FIENI			55354	
	CM 9 PG			

Applicazioni speciali

special applications



Appl. "FD" per moltiplicatori su atomizzatori portati e trainati
Fittings for overgears on mounted and trained air-blast sprayers "FD" motors

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
GB	AT 46 AT 53 AT 55 AT 65 AT 70		5336	
	AT 39		5345	
	AP 102	AR 125 bp C/F AR 145 bp C/F AR 813 AP C/F AR 903 AP C/F AR 1053 AP C/F AR 1203 AP C/F AR 1064 AP C/F AR 1604 AP C/F BHA Series C/F BHP Series C/F BHS Series C/F	55364	
OMAS	Moltiplicatore		55359	
REDUCO	R 810 R 830 R 840		5336	



Marca
Make

Tipo
Type

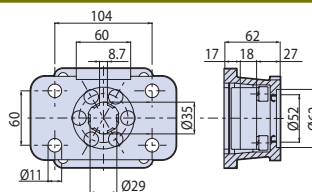
Tipo pompa
Pump type

Codice
Code

Dimensioni *Dimensions*

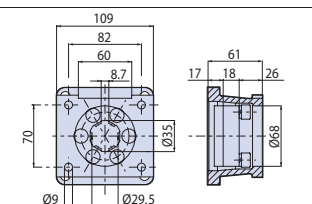
M 30 CS

5285



CAR 3 P
Foratura interna
70x82

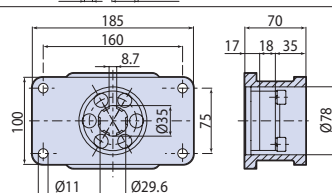
5328



BIMA

CAR 3 P
Foratura esterna
160x75

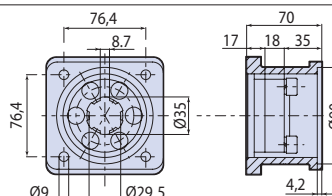
5330



M 30 N
M 47 N
M 60 N

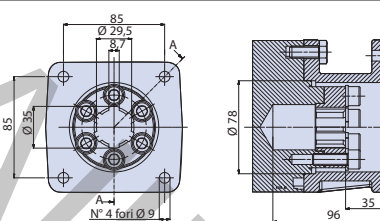
AR	50 AP	C/SP
AR	403 AP	C/SP
AR	503 AP	C/SP
AR	713 AP	C/SP
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AR	903 AP	C/SP
AR	1053 AP	C/SP
AR	1203 AP	C/SP
AR	1064 AP	C/SP
AR	1604 AP	C/SP
BHS	90 AP	C/SP
BHS	105 AP	C/SP
BHS	120 AP	C/SP

5348



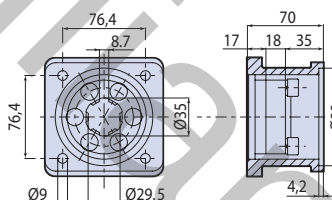
MSC

5355



D 4
D 7
D21
D27

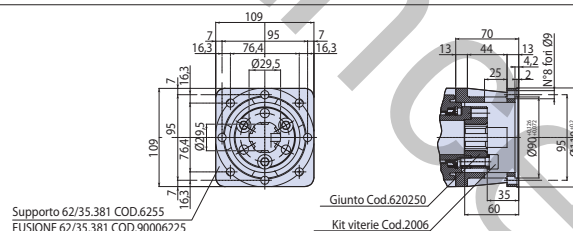
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COMER

A4A

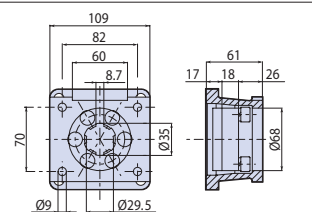
55365



CMV

MA 50
Foratura interna
70x82

5328



Marca
Make

Tipo
Type

Tipo pompa
Pump type

Codice
Code

Dimensioni *Dimensions*

CMV

MA 86
MA 86 S
MA107
MA107S
MA110
MA110S
MA 110 3V

Multiplicatore
V1

FIENI

CM 9 PG

AT 46
AT 53
AT 55
AT 65
AT 70

GB

AT 39

AP 102

5330

5348

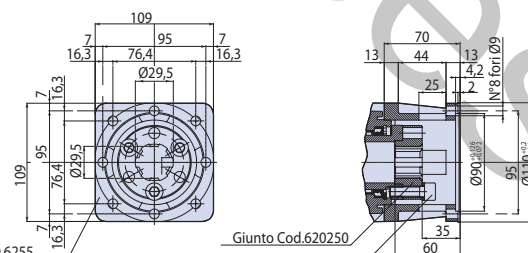
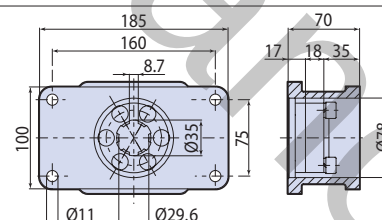
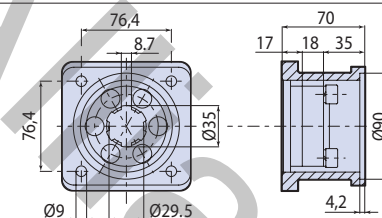
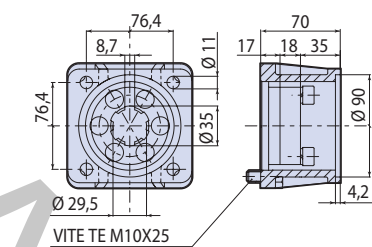
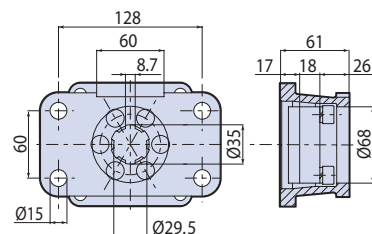
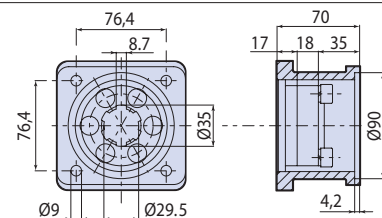
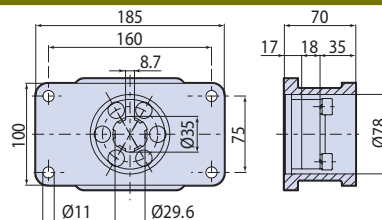
5290

55355

5348

5330

55365



Supporto 62/35.381 COD.6255
FUSIONE 62/35.381 COD.90006225

Giunto Cod 620250

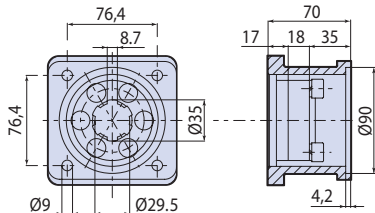
Kit viterie Cod.2006



Applicazioni speciali

special applications

Appl. "FDG" per moltiplicatori su atomizzatori portati e trainati
Fittings for overgears on mounted and trained air-blast sprayers "FDG" motors

Marca Make	Tipo Type	Tipo pompa Pump type	Codice Code	Dimensioni Dimensions
REDUCO	R 810 R 830 R 840	AR 50 AP C/SP	5348	
		AR 403 AP C/SP		
		AR 503 AP C/SP		
		AR 713 AP C/SP		
		AR 813 AP C/SP		
		AR 903 AP C/SP		
		AR 1053 AP C/SP		
		AR 1203 AP C/SP		
		AR 1064 AP C/SP		
		AR 1604 AP C/SP		
		BHS 90 AP C/SP		
		BHS 105 AP C/SP		
		BHS 120 AP C/SP		

Dati, descrizioni ed illustrazioni sono forniti a titolo indicativo e non impegnativo.
Characteristics and descriptions are not binding.

POWER GARDEN

Wheelbarrow sprayers



Power Garden

wheelbarrow sprayers



Avvolgitubo PL con
blocco manuale
antisrotolamento
Hose reel PL with
manual stop to prevent
hose unwinding



Supporto portalanca
Lance holding bracket



Porta accessori
(per modelli senza
avvolgitubo)
Accessories holder
(for model without
hose reel)



Tanica lavamani
integrata 5 litri
Integrated 5
litre handwash
tank



Carrelli e cariole con cisterne per gruppo motopompa e elettropompa

Wheeled chassis and wheel barrow with tank for motor and electric driven pumps



CAR 75 / A



CAR / A



CAR 130 / A



CAR 50 / A



CAR 90

PLUS

Indicatore livello esterno
con banda graduata
External level indicator
with graduated scale



Cisterna a svuotamento
totale
Total drainage tank



Filtro serbatoio
Tank filter



Ruote pneumatiche
gonfiabili
Inflatable rubber wheels



Gruppi Elettropompa

Electric motor pump assemblies



AR DUE EM / ET



AR 202 EM / ET



AR 252 EM / ET



AR 303 EM / ET



AR 50 EM / ET

Gruppi Motopompa

Motor-driven pump assemblies



AR DUE S



AR 202 S



AR 252 S



AR 303 S



AR 30 S



Serie PFL

PFL series



AR 13.8 PFL

Serie DFL

DFL series



AR 26.5 DFL

Caratteristiche Generali

Pompe a membrana e pistoni a 12V indicate per qualsiasi trattamento con prodotti chimici, per irrorazione nel giardinaggio e travaso di liquidi. Sono l'ideale per piccoli irroratori, trattorini, senza la necessità di presa di forza o motore. Possono essere utilizzate per la concimazione liquida su superfici ridotte e per l'abbattimento delle polveri. I materiali a contatto con il liquido pompato sono ad alta resistenza all'aggressione dei prodotti chimici: Testa in polipropilene. Valvole in Viton. Membrane in Santoprene. Pressostato che permette avviamento/arresto automatico del motore all'apertura e chiusura della lancia Total Stop System. Autoadescanti sino ad una profondità di 3 mt. Funzionamento a secco anche per 24H/24H. Temperatura max del liquido pompato 60°C. Certificazione CE e RoHs.

General Features

Premium quality, commercial grade, extra durable 12 Volt DC, on-demand diaphragm and plungers pumps suitable for spraying aggressive AG chemicals for spot applications or broadcast spraying. Can also be used for chemical transfer, liquid fertiliser application and dust suppression. Ideal for smaller sprayers and mini tractors. The pump runs off the battery of the quad or mini tractor, so no P.T.O. or petrol engine is required. The wetted parts of the pump are resistant to aggressive spray chemicals: Heads are made of industrial grade polypropylene composite. Halves are Viton. Diaphragms are Santoprene. Honeywell MICRO SWITCH for superior efficiency and in line fuse for added protection. Press spray lance trigger, pump works. Release trigger, pump stops. Self priming from a height of 3 metres with specific models. Can work continual duty for 24 hour per day, also if pump runs dry. Maximum temperature of spray liquid 60°C. CE e RoHs certification compliant.

Serie DFL



AR 3.8 DFL
COD. 51841



AR 5.3 DFL
COD. 51842



AR 8.3 DFL
COD. 51843



AR 11.4 DFL
COD. 51844



AR 15.1 DFL
COD. 51845



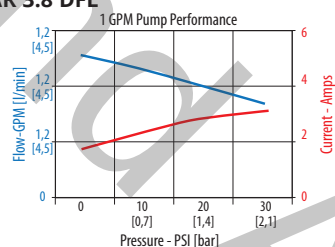
AR 20.8 DFL
COD. 51846



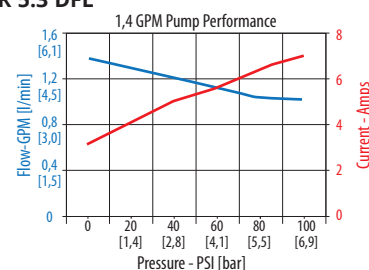
AR 26.5 DFL
COD. 51847

MOD	COD.	 MAX	 MAX	 KG NET		
		l/min	gpm	bar	psi	kg
AR 3.8 DFL	51841	3,8	1	2,7	40	0,91
AR 5.3 DFL	51842	5,3	1,4	6,9	100	2,2
AR 8.3 DFL	51843	8,3	2,2	4,8	70	2,2
AR 11.4 DFL	51844	11,4	3	4,1	60	2,5
AR 15.1 DFL	51845	15,1	4	4,1	60	2,2
AR 20.8 DFL	51846	20,8	5,5	4,1	60	2,5
AR 26.5 DFL	51847	26,5	7	4,1	60	4,3

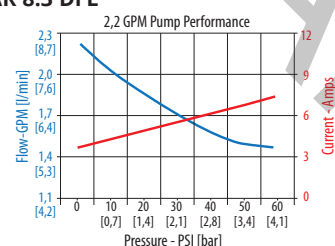
AR 3.8 DFL



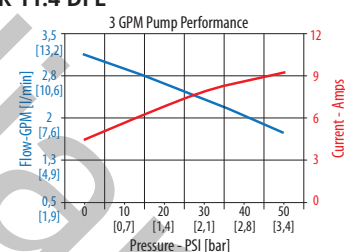
AR 5.3 DFL



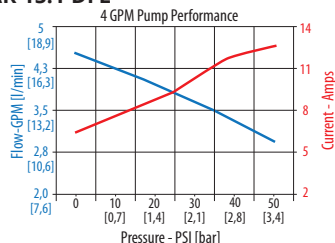
AR 8.3 DFL



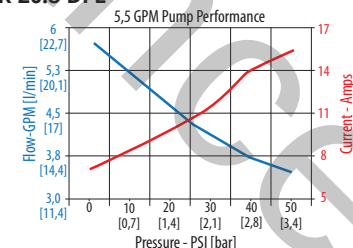
AR 11.4 DFL



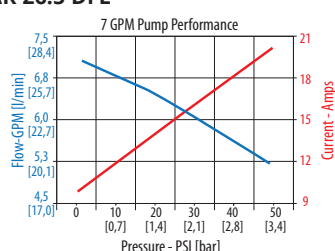
AR 15.1 DFL



AR 20.8 DFL



AR 26.5 DFL

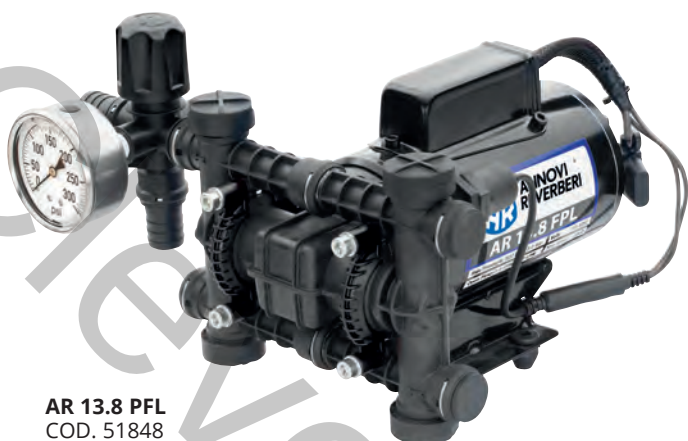


Le pompe sono fornite complete di raccordi di aspirazione e mandata. Tutte le pompe (eccetto mod. AR 8.3 DFL) sono fornite con filetto femmina: AR 5.3 DFL e AR 8.3 DFL (3/8") e AR 11.4 DFL, 15.1 DFL, 20.8 DFL, 26.5 DFL (1/2"). La pompa AR 3.8 DFL è fornita con raccordi attacco rapido.

Pumps are supplied complete with intake and delivery fittings. All pumps (except for mod. AR 8.3 DFL) are supplied with female thread: AR 5.3 DFL and AR 8.3 DFL (3/8") and AR 11.4 DFL, 15.1 DFL, 20.8 DFL, 26.5 DFL (1/2"). The AR 3.8 DFL pump is supplied with quick coupling fittings.



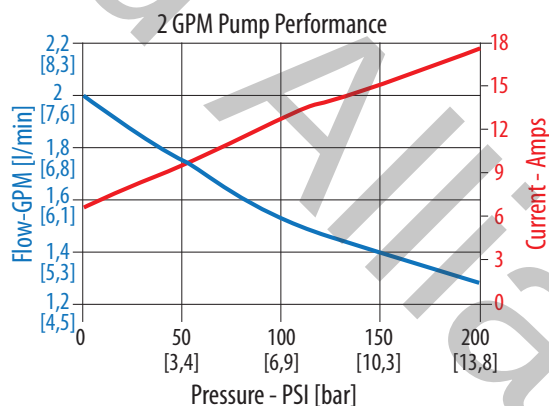
Serie PFL



AR 13.8 PFL
COD. 51848

MOD	COD.	 MAX	 MAX	 KG NET		
		l/min	gpm	bar	psi	kg
AR 13,8 PFL	51848	7,6	2	13,8	200	5,9

AR 13.8 PFL



La pompa AR 13.8 PFL viene fornita completa di valvola di regolazione e manometro montati.
The AR 13.8 PFL pump is supplied complete with preinstalled regulating valve and pressure gauge.

Le pompe sono fornite complete di raccordi di aspirazione e mandata. Tutte le pompe (eccetto mod. AR 8.3 DFL) sono fornite con filetto femmina:
AR 5.3 DFL e AR 8.3 DFL (3/8") e AR 11.4 DFL, 15.1 DFL, 20.8 DFL, 26.5 DFL (1/2").
La pompa AR 13.8 PFL viene fornita completa di valvola di regolazione e manometro montati. La pompa AR 3.8 DFL é fornita con raccordi attacco rapido.

Pumps are supplied complete with intake and delivery fittings. All pumps (except for mod. AR 8.3 DFL) are supplied with female thread: AR 5.3 DFL and AR 8.3 DFL (3/8") and AR 11.4 DFL, 15.1 DFL, 20.8 DFL, 26.5 DFL (1/2"). The AR 13.8 PFL pump is supplied complete with preinstalled regulating valve and pressure gauge.
The AR 3.8 DFL pump is supplied with quick coupling fittings.

Accessori / Accessories



Cod.
51851

VR-DFL Valvola di regolazione:

- Controllo preciso della pressione da 0 a 6,9 bar (da 0÷100 psi).
- Raccordo bypass da utilizzare per il ritorno in cisterna per agitazione.

VR-DFL Regulation valve:

- Precise pressure control from 0 up to 6,9 bar (0÷100 psi).
- Bypass fitting for use for return to tank for stirring purposes.



Manometro:
con bagno di glicerina e attacco posteriore 1/8" M fino a 7 bar.

Pressure gauge:
glycerine pressure gauge with back connection 1/8" M up to 7 bar.

Cod.
4960010



Filtro aspirazione.
Suction filter.

Cod.
4960020



Cavo di alimentazione
12 V.
Power cord 12 V.
3.8 - 5.3 - 8.3 DFL

Cod.
4960030



Cavo di alimentazione
12 V.
Power cord 12 V.
11.4 - 15.1 - 20.8 DFL

Cod.
4960040



Cavo di alimentazione
12 V.
Power cord 12 V.
26.5 DFL - 13.8 PLF

Cod.
4960050

Cleveland Alliances



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