



CLEVELAND ALLIANCES LTD
INDUSTRY AGRICULTURE AMENITY



**ANNOVI
REVERBERI**®
The Power of Experience

Cleveland Alliances Ltd
The Global AR specialist supplying
Agriculture, Industry and Amenity



A supermarket in Paris, a car wash in Los Angeles, a wheat field south of Kiev: the same thing in common; a product from the heart of Italy, an Annovi Reverberi pump.

Founded in 1958 by Corrado Reverberi, Annovi Reverberi is still an Italian family-owned company, a mechanical engineering reality strongly linked to the territory and made up of people, ideas and innovative projects.

An example of Italian entrepreneurship based on experience, innovation and passion. A brand recognized all over the world as a symbol of top quality and Italian know-how.

It's a 60 year history that has seen the Annovi Reverberi group grow significantly and become a protagonist in three sectors of reference: agriculture with the production of diaphragm pumps; industry through the success of AR piston pumps and, finally, around the 90s, cleaning with the development of high-pressure washers and vacuum cleaners.

AGRICULTURAL DIVISION

Annovi Reverberi è da 60 anni leader mondiale nel settore delle pompe a membrana. L'attenzione per il dettaglio e componenti di altissima qualità lavorati direttamente in azienda sono stati gli ingredienti principali per sviluppare una gamma completa di pompe a bassa, media e alta pressione per garantire le più svariate applicazioni tra cui diserbo, irrorazione, deicing, applicazione su carriole per il giardinaggio, disinfezione e antincendio.

Ogni singolo prodotto marchiato AR viene prodotto seguendo processi produttivi che rispettano la norma ISO 9001:2015 e viene collaudato prima dell'invio al cliente. Scegliere Annovi Reverberi significa scegliere un marchio che è stato capace di sopravvivere nel tempo. Con oltre il 40% del fatturato della divisione agricoltura del Gruppo che deriva da esportazioni extra-UE oggi lo scudo AR è simbolo di tecnologia italiana in tutto il mondo.

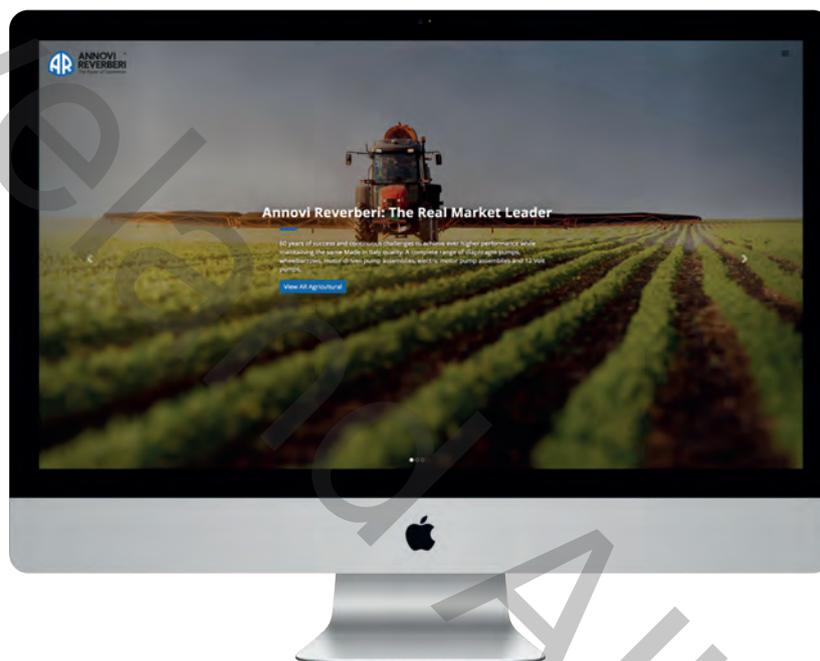
Nata a Modena

Annovi Reverberi has been a world leader in the field of diaphragm pumps for 60 years. The attention to detail and the highest quality components machined directly in the company are the precursors leading to the development of a complete range of low, medium and high pressure diaphragm pumps for crop protection, spraying, deicing, disinfection and fire fighting. Every single AR branded product is created following production processes that complies with the ISO 9001: 2015 standard and is tested before being sent to the customer. Choosing Annovi Reverberi means relying on a brand that has been able to evolve and develop over time. With over 40% of the Group's agricultural division's turnover deriving from non-EU exports, today the AR logo is a symbol of Italian technology all over the world.



Cleveland and Alliances

www.agriculture.annovireverberi.it
www.aragnet.co.uk



WEB 2.0

Il viaggio all'interno del mondo Annovi Reverberi continua sul nostro nuovo sito **www.annovireverberi.it**. Nuova veste grafica, maggiori contenuti, interattività e novità aziendali sempre in prima linea: sono questi alcuni degli ingredienti che caratterizzano il remake del sito. Non solo prodotto quindi ma anche appuntamenti fieristici, rassegna stampa ed i tanti progetti che a breve vedranno la luce.

WEB 2.0

*The journey through the world of Annovi Reverberi continues on our new website **www.annovireverberi.it**. New graphics, more contents, interactivity and a strong focus on the latest company news: these are amongst the ingredients of the site's remake. So not just products but also exhibition dates, press review and lots of upcoming projects.*



PLUS

Serie LFP

Serbatoio olio di grande capacità, montaggio anche a distanza.

Large capacity oil tank. Remote oil tank installation available.

Ampia gamma di raccordi aspirazione e mandata.

Wide range of inlet and outlet fittings.

N°2 cuscinetti a rullini di qualità sotto alle bielle per ridurre gli attriti.

2 high quality needle bearings under the connecting rods to reduce friction.

Condotti aspirazione e mandata modulari e configurabili.

Inlet and outlet manifolds are modular and position can be modified.

Anelli di tenuta a doppio labbro.

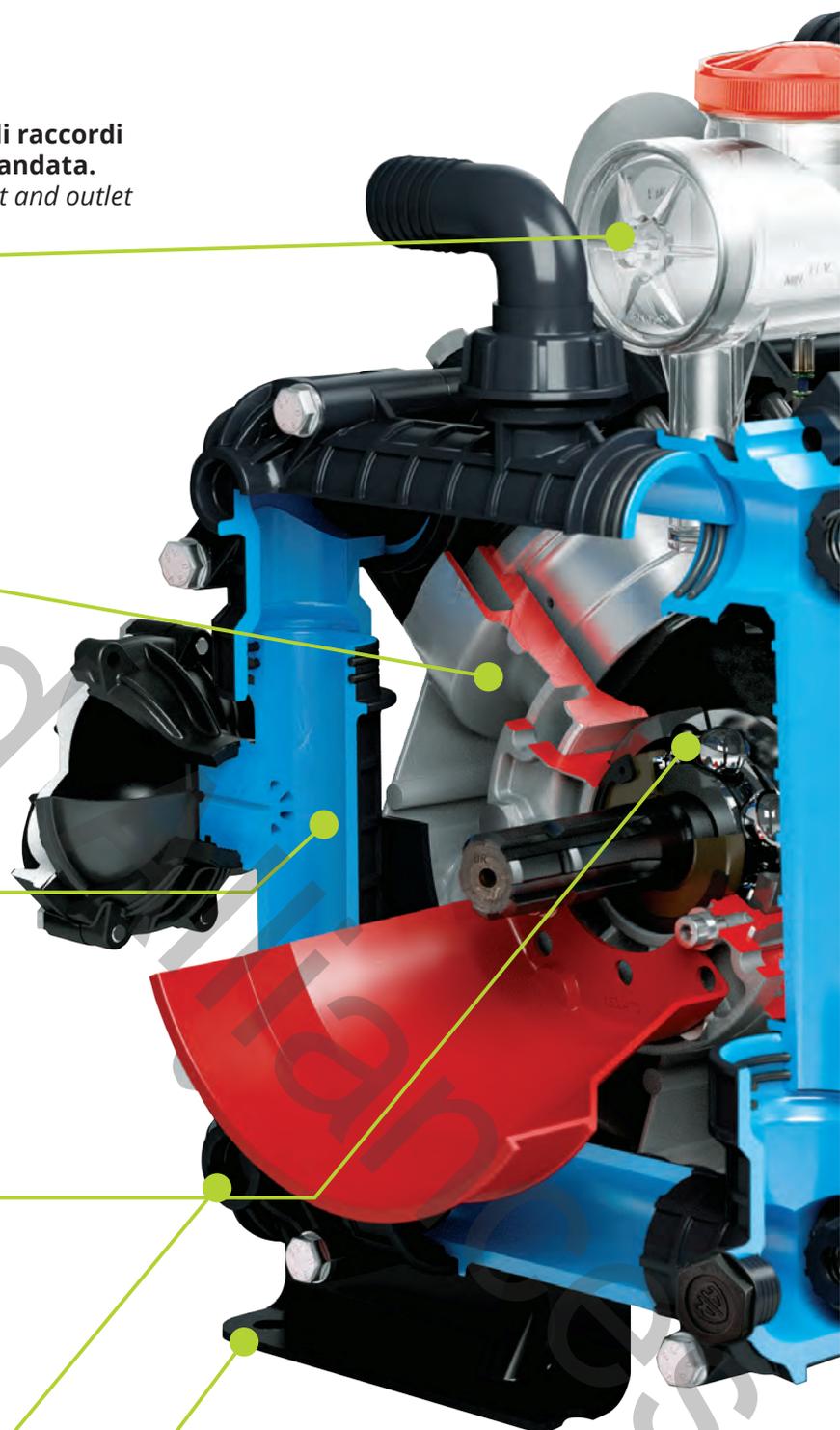
Double lip oil seals.

Tappo di svuotamento per rimessaggio invernale.

Drain plug to empty liquid from the circuit before winter storage.

Supporti in lamiera con trattamento di Cataforesi, di costruzione robusta e fissati al corpo pompa.

Pump feets with Cataforesis protective treatment- Robust and fixed to the pump body.





Viteria in AISI 304.
AISI 304 bolts and nuts.

Testa in plastica rinforzata resistente ai prodotti chimici aggressivi.
Pump head in reinforced thermoplastic for aggressive chemicals.

Elementi di fissaggio della membrana in AISI 316 L.
Bolts and nuts for fixing the diaphragm in AISI 316L.

Valvole di grandi dimensioni in AISI 316 per un migliore rendimento idraulico e una migliore resistenza agli agenti chimici.
Large valves in AISI 316 for best hydraulic efficiency and better resistance to chemical agents.

Membrane BlueFlex™ lunga durata e resistenza a diserbanti, fitofarmaci e fertilizzanti aggressivi.
Long-life BlueFlex™ diaphragms for resistance to spraying chemicals and aggressive liquid fertilizers.

Pistoni con segmento elastico.
Elastic segment on pistons.

Condotti con doppio O-Ring in Viton® resistente a liquidi aggressivi.
Manifolds with double O-ring in Viton® for aggressive chemicals.



AR BlueFlex™

HEAVY DUTY & LONG LIFE

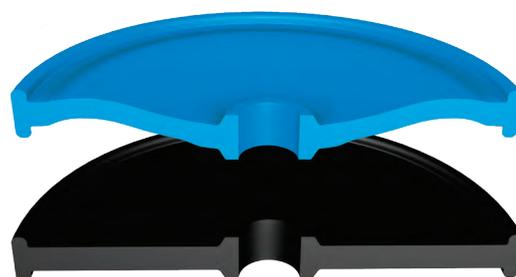


Sezione

La particolare forma e lo spessore delle membrane BlueFlex™ sono stati studiati per ridurre al minimo lo stress che subisce il materiale durante il funzionamento della pompa, anche in condizioni critiche.

Special Shape

The special shape and the thickness of the diaphragms has been carefully optimised to reduce mechanical stresses during the working cycle of the pump, also under the most difficult working conditions.



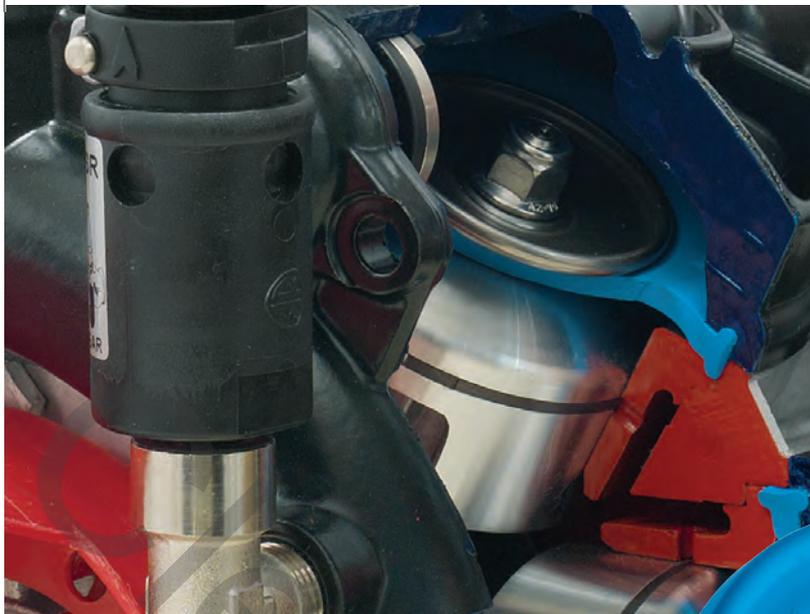
Piattello

Il sistema BlueFlex™ si completa con un innovativo piattello di ritegno della membrana, con un disegno brevettato, che non dà la possibilità che la membrana si incolli o venga lacerata dal piattello stesso.

New Patented Diaphragm Plate For BlueFlex™ Diaphragms

The new patented diaphragm retaining plate, eliminates the possibility that the diaphragm can get caught or nicked by the diaphragm plate.





Datario

Ogni membrana BlueFlex™ è dotata di datario per l'identificazione del lotto produttivo. La Annovi Reverberi conserva un campione dei granuli utilizzati in ogni lotto per eventuali analisi.

Date Code

All BlueFlex™ diaphragms have a date code which allows us to identify the production lot by year and month. It means we control the production process right from the raw material through to the finished diaphragm.

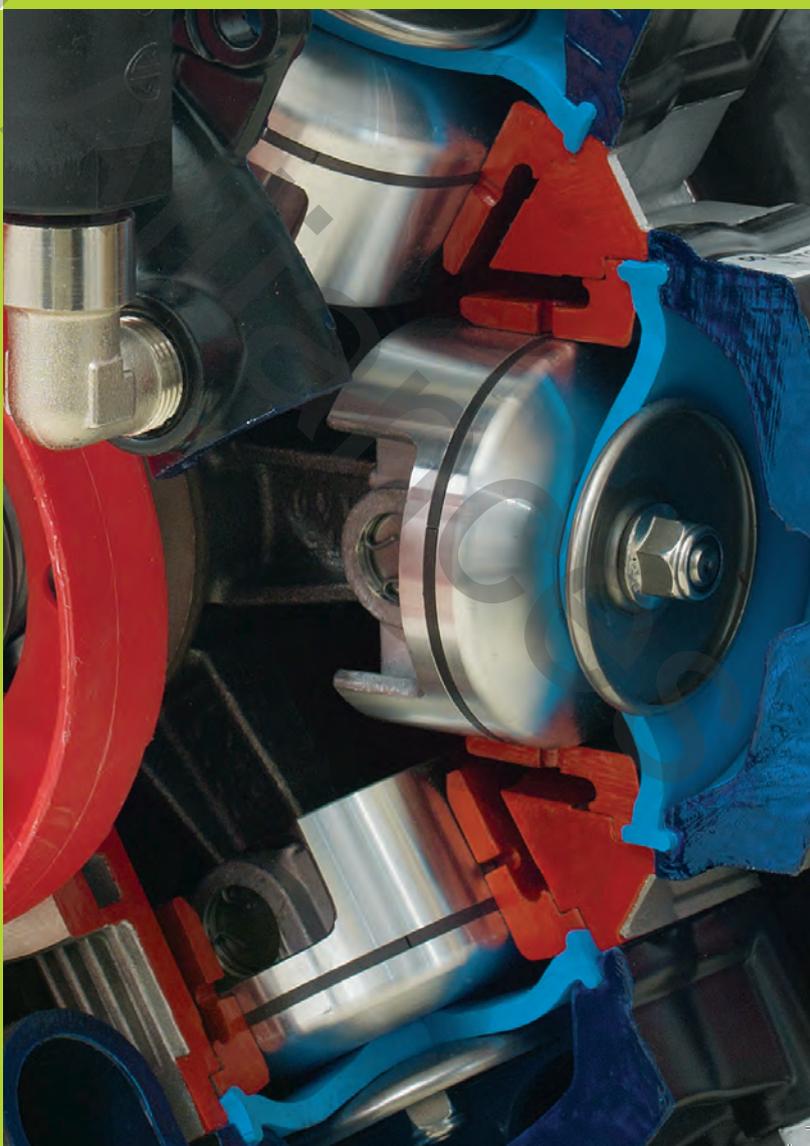


Funzionamento

Le caratteristiche di funzionamento e i benefici derivanti dalle modifiche apportate al sistema membrana/piattello BlueFlex™ sono stati analizzati operando con sistema che permette di filmare i movimenti della membrana in tutte le condizioni di lavoro della pompa.

The " BlueFlex™ System "

We call the combination of the new BlueFlex™ diaphragms when used with the new patented diaphragm plate, the " BlueFlex™ System ". This translates into heavy duty and long diaphragm life.





Membrane diaphragms

| Codice | Descrizione | Materiale | Pompe Applicabili |
|---------|---|-----------|--|
| 550080 | Membrana pompa Ø _e 115 | Gomma NBR | AR 70-115-120-125-135-140-145-160-185-215-250-280-320-370-500-560bp AR 903-1053-1203-1604 BHS 90-105-120 |
| 550081 | Membrana pompa Ø _e 115 | BlueFlex™ | AR 70-115-120-125-135-140-145-160-185-215-250-280-320-370-500-560bp AR 903-1053-1203-1604 BHS 90-105-120 |
| 550085 | Membrana pompa Ø _e 115 | Desmopan® | AR70-115-120-125-135-140-145-160-185-215-250-280-320-370-500-560bp AR 903-1053-1203-1604 BHS 90-105-120 |
| 550086 | Membrana pompa Ø _e 115 | H.P.D.S. | AR 70-115-120-125-135-140-145-160-185-215-250-280-320-370-500-560bp AR 903-1053-1203-1604 BHS 90-105-120 |
| 550084 | Membrana pompa Ø _e 115 | Viton® | AR 70-115-120-125-135-140-145-160-185-215-250-280-320-370-500-560bp AR 903-1053-1203-1604 BHS 90-105-120 |
| 620080 | Membrana pompa Ø _e 96 | Gomma NBR | AR 30-503 |
| 620082 | Membrana pompa Ø _e 96 | Blueflex™ | AR 30-503 |
| 620085 | Membrana pompa Ø _e 96 | Desmopan® | AR 30-503 |
| 620081 | Membrana pompa Ø _e 96 | Viton® | AR 30-503 |
| 650082 | Membrana pompa Ø _e 111 | Gomma NBR | AR 50 |
| 650080 | Membrana pompa Ø _e 111 | Blueflex™ | AR 50 |
| 650085 | Membrana pompa Ø _e 111 | Desmopan® | AR 50 |
| 650081 | Membrana pompa Ø _e 111 | Viton® | AR 50 |
| 650670 | Membranina aspirazione | Gomma NBR | AR 70 bp - AR 30-50 |
| 650671 | Membranina aspirazione | Blueflex™ | AR 70 bp - AR 30-50 |
| 1040081 | Membrana pompa Ø _e 105 | Gomma NBR | AR 80 bp - AR 713-813-1064 - BHS 95 |
| 1040083 | Membrana pompa Ø _e 105 | Blueflex™ | AR 80 bp - AR 713-813-1064 - BHS 95 |
| 1040080 | Membrana pompa Ø _e 105 | Desmopan® | AR 80 bp - AR 713-813-1064 - BHS 95 |
| 1040082 | Membrana pompa Ø _e 105 | Viton® | AR 80 bp - AR 713-813-1064 - BHS 95 |
| 1200080 | Membrana pompa Ø _e 55 | Gomma NBR | AR DUE |
| 1200081 | Membrana pompa Ø _e 55 | Blueflex™ | AR DUE |
| 1200085 | Membrana pompa Ø _e 55 | Desmopan® | AR DUE |
| 1200191 | Membrana camera aria Ø _e 65 | Blueflex™ | AR DUE |
| 1200190 | Membrana camera aria Ø _e 66 | Gomma NBR | AR DUE |
| 2240080 | Membrana pompa Ø _e 120 | Gomma NBR | BHS/BHA/BHP 130-150-170-200 |
| 2240081 | Membrana pompa Ø _e 120 | Blueflex™ | BHS/BHA/BHP 130-150-170-200 |
| 2240085 | Membrana pompa Ø _e 120 | Desmopan® | BHS/BHA/BHP 130-150-170-200 |
| 3040080 | Membrana pompa Ø _e 145 | Gomma NBR | AR 245-275-330-380-410-460-660-740-760-820-840-920bp |
| 3040083 | Membrana pompa Ø _e 145 | Blueflex™ | AR 245-275-330-380-410-460-660-740-760-820-840-920bp |
| 3040085 | Membrana pompa Ø _e 145 | Desmopan® | AR 245-275-330-380-410-460-660-740-760-820-840-920bp |
| 800080 | Membrana pompa Ø _e 72 | Gomma NBR | AR 202-252-303-403 |
| 800082 | Membrana pompa Ø _e 72 | Blueflex™ | AR 202-252-303-403 |
| 800085 | Membrana pompa Ø _e 72 | Desmopan® | AR 202-252-303-403 |
| 800086 | Membrana pompa Ø _e 72 | H.P.D.S. | AR 202-252-303-403 |
| 800081 | Membrana pompa Ø _e 72 | Viton® | AR 202-252-303-403 |
| 3120080 | Membrana pompa Ø _e 90 | Gomma NBR | AR 45 bp - AR 75 bp |
| 3120082 | Membrana pompa Ø _e 90 | Blueflex™ | AR 45 bp - AR 75 bp |
| 3120085 | Membrana pompa Ø _e 90 | Desmopan® | AR 45 bp - AR 75 bp |
| 3120081 | Membrana pompa Ø _e 90 | Viton® | AR 45 bp - AR 75 bp |
| 550190 | Membrana camera aria Ø _e 110 | Gomma NBR | AR 70-115-125-135-145-160-185-215-250-280-320-370-500-560bp AR 245-275-330-380-410-460-660-740-760-820-840-920bp AR 30-903-1053-1203-1604 BHS/BHA/BHP 130-150-170-200 |
| 550194 | Membrana camera aria Ø _e 110 | Blueflex™ | AR 70-115-125-135-145-160-185-215-250-280-320-370-500-560bp AR 245-275-330-380-410-460-660-740-760-820-840-920bp AR 30-903-1053-1203-1604 BHS/BHA/BHP 130-150-170-200 |
| 550192 | Membrana camera aria Ø _e 110 | Viton® | AR 70-115-125-135-145-160-185-215-250-280-320-370-500-560bp AR 245-275-330-380-410-460-660-740-760-820-840-920bp AR 30-903-1053-1203-1604 BHS/BHA/BHP 130-150-170-200 |
| 800190 | Membrana camera aria Ø _e 94 | Gomma NBR | AR 202-252 - AR 80-120-140-160-185bp LFP - BHS 90-105-120 - BHS 95 |
| 800192 | Membrana camera aria Ø _e 94 | Blueflex™ | AR 202-252 - AR 80-120-140-160-185bp LFP - BHS 90-105-120 - BHS 95 |
| 800191 | Membrana camera aria Ø _e 94 | Viton® | AR 202-252 - AR 80-120-140-160-185bp LFP - BHS 90-105-120 - BHS 95 |
| 650520 | Membrana camera aria Ø _e 125 | Gomma NBR | AR 50 |
| 650523 | Membrana camera aria Ø _e 125 | Blueflex™ | AR 50 |



Cleveland and Alliances



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wheelbarrow sprayers

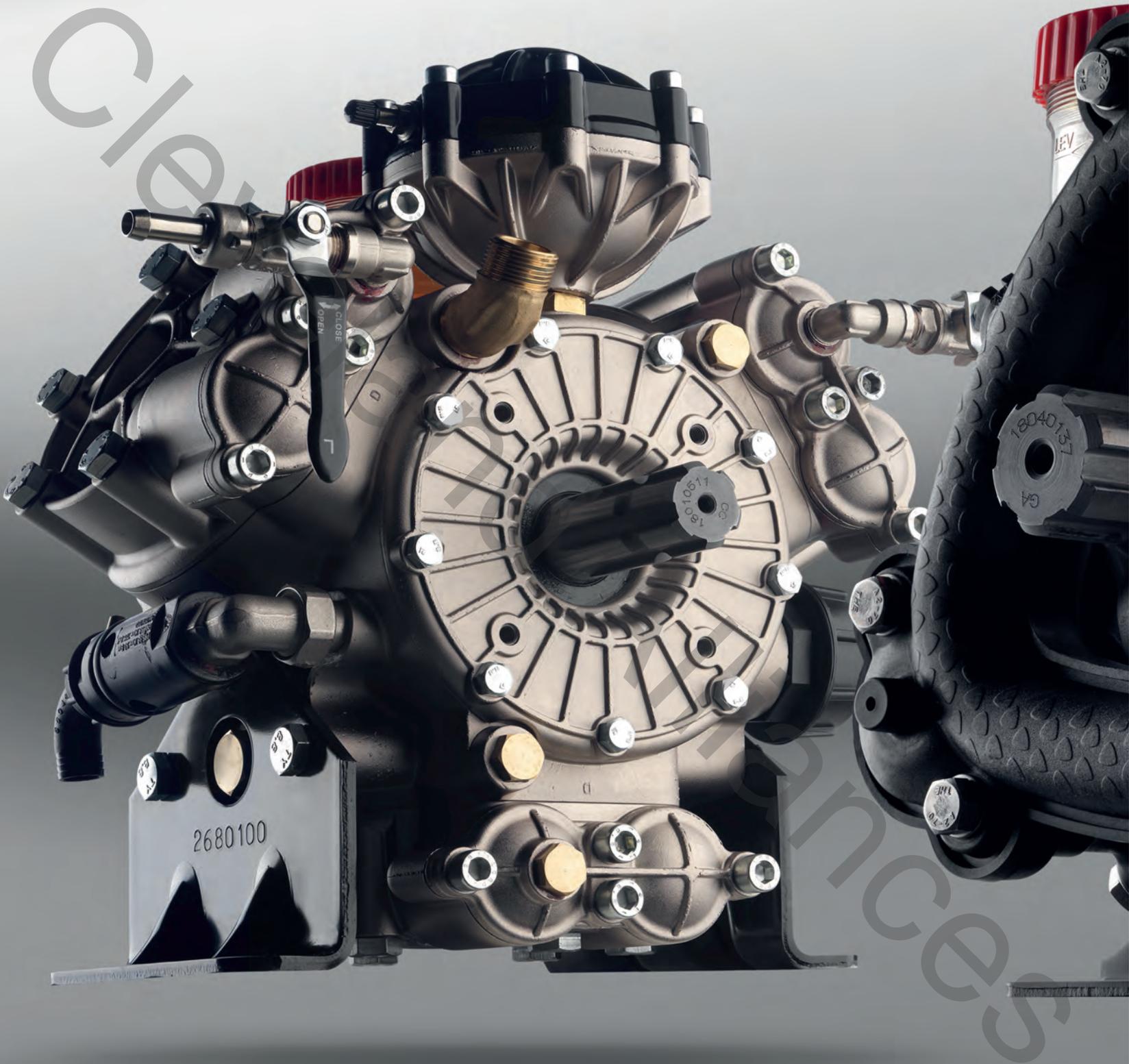


Bassa Pressione
low pressure

| Model | Icon | Irrigation | Pest Control | Snow | Mowing | Spraying | Fan Cooling | PAG. |
|----------------------|------|------------|--------------|------|--------|----------|-------------|------|
| AR 45 LFP | | ● | | ● | | ● | | 18 |
| NEW AR 75 LFP | | ● | | ● | | ● | | 20 |
| AR 80 LFP | | ● | | ● | | ● | | 22 |
| AR 120 LFP | | ● | | ● | | ● | | 24 |
| AR 140 LFP | | ● | | ● | | ● | | 24 |
| AR 160 LFP | | ● | | ● | | ● | | 26 |
| AR 185 LFP | | ● | | ● | | ● | | 26 |
| AR 245 LFP | | ● | | ● | | ● | | 28 |
| AR 275 LFP | | ● | | ● | | ● | | 28 |
| AR 330 LFP | | ● | | ● | | ● | | 30 |
| AR 380 LFP | | ● | | ● | | ● | | 30 |
| AR 410 LFP | | ● | | ● | | ● | | 32 |
| AR 460 LFP | | ● | | ● | | ● | | 32 |
| AR 45 BP | | ● | | ● | | | | 36 |
| AR 70 BP | | ● | | ● | | | | 38 |
| NEW AR 75 BP | | ● | | ● | | | | 40 |
| AR 80 BP | | ● | | ● | | | | 42 |
| AR 115 BP | | ● | | ● | | | | 44 |
| AR 135 BP | | ● | | ● | | | | 46 |
| AR 120 BP | | ● | | ● | | | | 48 |
| AR 140 BP | | ● | | ● | | | | 48 |
| AR 125 BP | | ● | | ● | | | | 50 |
| AR 145 BP | | ● | | ● | | | | 50 |
| AR 160 BP | | ● | | ● | | | | 52 |
| AR 185 BP | | ● | | ● | | | | 54 |
| AR 215 BP | | ● | | ● | | | | 56 |
| AR 250 BP | | ● | | ● | | | | 58 |
| AR 280 BP | | ● | | ● | | | | 58 |
| AR 245 BP | | ● | | ● | | | | 60 |
| AR 275 BP | | ● | | ● | | | | 60 |
| AR 330 BP | | ● | | ● | | | | 62 |
| AR 380 BP | | ● | | ● | | | | 62 |
| AR 410 BP | | ● | | ● | | | | 64 |
| AR 460 BP | | ● | | ● | | | | 64 |
| AR 320 BP TWIN | | ● | | ● | | | | 66 |
| AR 370 BP TWIN | | ● | | ● | | | | 66 |
| AR 500 BP TWIN | | ● | | ● | | | | 68 |
| AR 560 BP TWIN | | ● | | ● | | | | 68 |
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| AR 370 BP TWIN TOP | | ● | | ● | | | | 70 |



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|------------------------------------|---------------------------------|--------|---|---|---|---|---|-----|-----|
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| | AR 760 BP BIG TWIN | | ● | | ● | | | | 74 |
| | AR 740 BP BIG TWIN | | ● | | ● | | | | 76 |
| | AR 840 BP BIG TWIN | | ● | | ● | | | | 76 |
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| | AR 503 | | | ● | | ● | ● | | 102 |
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| AR 813 | | | | | ● | | ● | ● | 128 |
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| BHA 200 | | | | | ● | | ● | ● | 144 |
| BHP 130 | | | | | ● | | ● | ● | 146 |
| BHP 150 | | | | | ● | | ● | ● | 146 |
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| BHS 130 | | | | ● | | ● | ● | 156 | |
| BHS 150 | | | | ● | | ● | ● | 156 | |
| BHS 170 | | | | ● | | ● | ● | 158 | |
| BHS 200 | | | | ● | | ● | ● | 158 | |



Cleveland
Alliances

BASSA PRESSIONE

Low Pressure





AR 45 LFP

Serie POLIPROPILENE LFP
polypropylene LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



**fertilizzanti
liquidi**
liquid
fertilizers

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For remote control units please see page 84.

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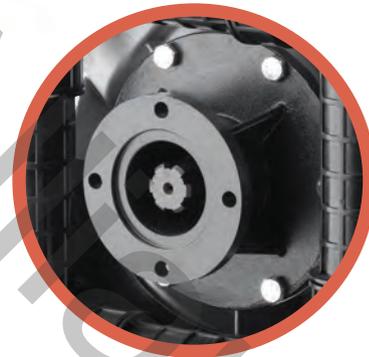
AR 45 LFP



C



SP



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IDM > pag.186.

Caratteristiche Generali

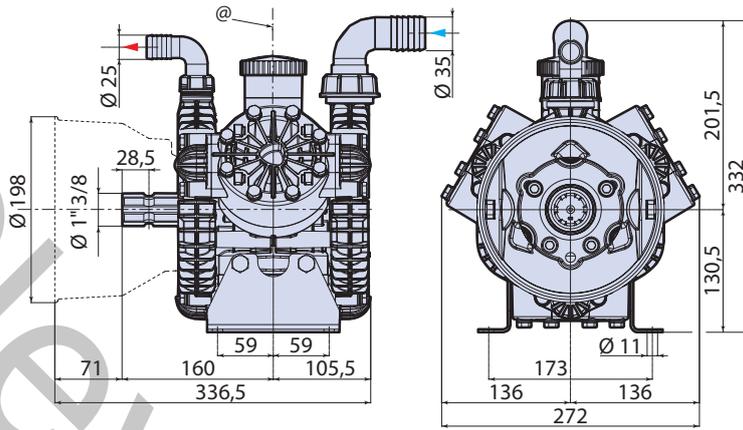
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompate in Polipropilene rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di cuffia di protezione cardano.

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in reinforced Polypropylene, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Cardan protection.

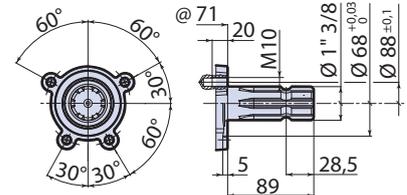
M1.91397
DI13128500

CM 3128608
sp_ar45lfp_bp.pdf

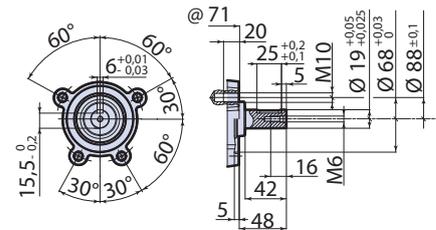


@ = Pump axis - Asse pompa

C



SP



| MOD | COD | | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
|-----------|-------|-------|-------|------|-----|-----|-----------|----|-----|----|------|
| | C | SP | | | | | | | | | |
| AR 45 LFP | 32002 | 32003 | 43,3 | 11,4 | 20 | 290 | 550 | 60 | 140 | 11 | 24,3 |

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

| | | 400 | | | 450 | | | 500 | | | 550 | | |
|------------------|-----|-------|-----|-----|-------|-----|-----|-------|------|-----|-------|------|-----|
| bar | psi | l/min | gpm | HP | l/min | gpm | HP | l/min | gpm | HP | l/min | gpm | HP |
| AR 45 LFP | | | | | | | | | | | | | |
| 0 | 0 | 32,2 | 8,5 | 0,2 | 35,6 | 9,4 | 0,3 | 39,5 | 10,4 | 0,3 | 43,3 | 11,4 | 0,4 |
| 5 | 72 | 31,2 | 8,2 | 0,5 | 34,6 | 9,1 | 0,6 | 38,5 | 10,2 | 0,7 | 41,5 | 11,0 | 0,8 |
| 10 | 145 | 31,1 | 8,2 | 0,9 | 34,5 | 9,1 | 1,0 | 38,2 | 10,1 | 1,1 | 41,4 | 10,9 | 1,2 |
| 15 | 218 | 30,5 | 8,1 | 1,2 | 34,5 | 9,1 | 1,4 | 37,7 | 10,0 | 1,5 | 40,7 | 10,7 | 1,7 |
| 20 | 290 | 29,5 | 7,8 | 1,5 | 34,2 | 9,0 | 1,7 | 37,0 | 9,8 | 1,9 | 40,1 | 10,6 | 2,1 |



AR 75 LFP

Serie NYLON LFP
nylon LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



**fertilizzanti
liquidi**
*liquid
fertilizers*

NEW

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.



B
BlueFlex

AR 75 LFP

AR 75 bp con viteria in Geomet, vedi pag. 40.

AR 75 bp with Geomet fasteners, see page 40.



C



SP



AP C/C

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in Nylon rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. 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 reinforced Nylon, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton® AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm and cardan protection.



AR 80 LFP

Serie POLIPROPILENE LFP
polypropylene LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



**fertilizzanti
liquidi**
liquid
fertilizers

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

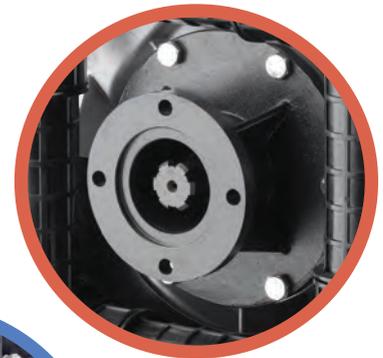
Application kits, see page 80.

AR 80 bp con viteria in Geomet, vedi pag. 42.

AR 80 bp with Geomet fasteners, see page 42.



AR 80 LFP



Applicazioni / Applications
IDM > pag. 186.



C



SP

AP SP/C



AP C/C

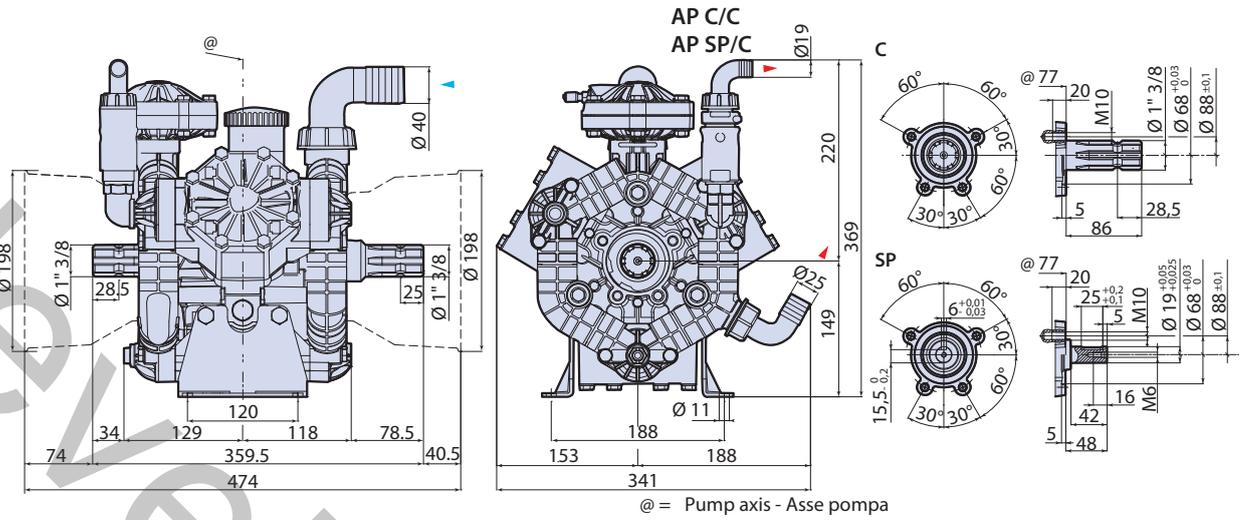
Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompate in Polipropilene rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. 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 reinforced Polypropylene, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.

MI 92407
DI 3248500
CM 3248606
SP_AR80LFP_bp.pdf



| MOD | COD | | | | MAX | MAX | RPM | TEMP | NET | | | | |
|-----------|-------|-------|---------|--------|-------|------|-----|------|------------|----|-----|----|------|
| | C | SP | AP SP/C | AP C/C | l/min | gpm | bar | psi | N° giri/1' | °C | °F | kg | lb |
| AR 80 LFP | 32010 | 32011 | 32012 | 32013 | 76,4 | 20,2 | 20 | 290 | 550 | 60 | 140 | 14 | 30,9 |

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

| MAX | | RPM | | | | | | | | | | | |
|------------------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| | | 400 | | | 450 | | | 500 | | | 550 | | |
| bar | psi | l/min | gpm | HP |
| AR 80 LFP | | | | | | | | | | | | | |
| 0 | 0 | 57,8 | 15,3 | 0,3 | 64,9 | 17,1 | 0,4 | 71,0 | 18,8 | 0,5 | 76,4 | 20,2 | 0,6 |
| 5 | 72 | 57,6 | 15,2 | 0,8 | 63,5 | 16,8 | 0,9 | 69,8 | 18,4 | 1,0 | 76,0 | 20,1 | 1,1 |
| 10 | 145 | 56,8 | 15,0 | 1,4 | 63,4 | 16,7 | 1,6 | 69,7 | 18,4 | 1,8 | 75,4 | 19,9 | 1,9 |
| 15 | 218 | 56,3 | 14,9 | 2,0 | 63,1 | 16,7 | 2,3 | 68,6 | 18,1 | 2,5 | 73,9 | 19,5 | 2,7 |
| 20 | 290 | 55,4 | 14,6 | 2,5 | 62,3 | 16,5 | 2,8 | 68,2 | 18,0 | 3,1 | 73,4 | 19,4 | 3,4 |



AR 120 LFP - AR 140 LFP

Serie NYLON LFP
nylon LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



**fertilizzanti
liquidi**
liquid
fertilizers

Gruppi comando separato, vedi pag. 84.

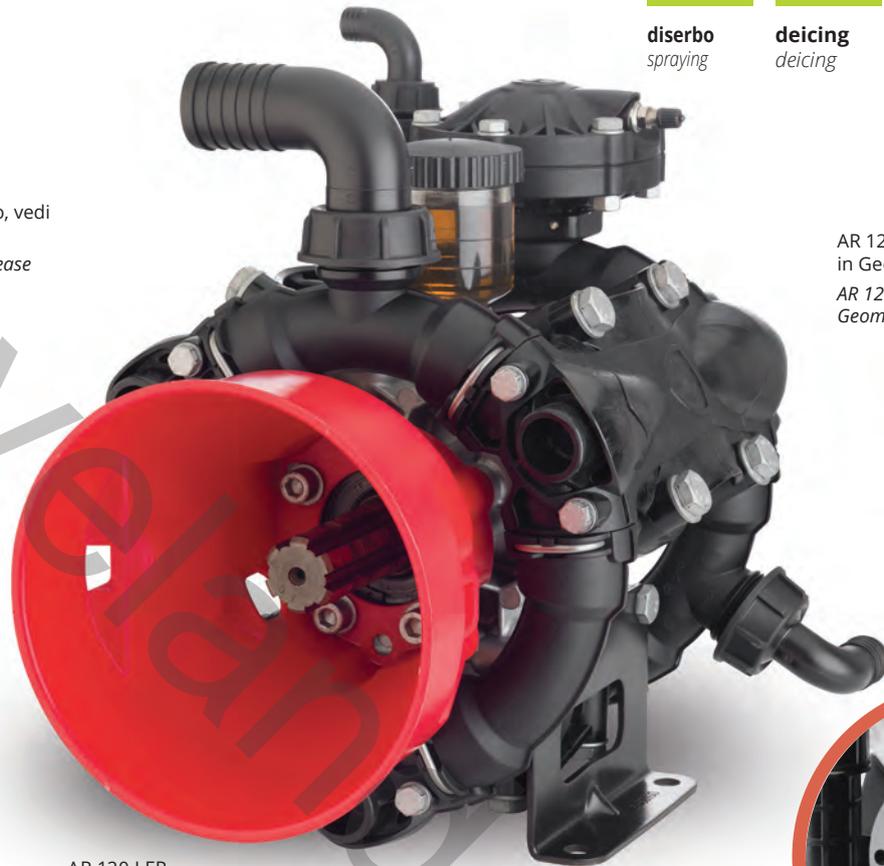
For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.

AR 120 bp e AR 140 bp con viteria in Geomet, vedi pag. 48.

AR 120 bp and AR 140 bp with Geomet fasteners, see page 48.



AR 120 LFP



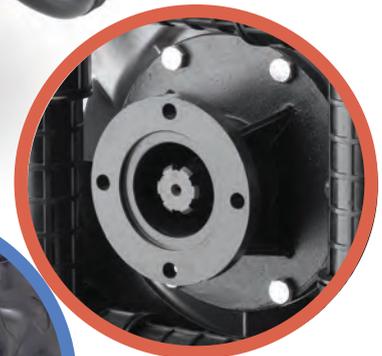
C



SP



AP C/C



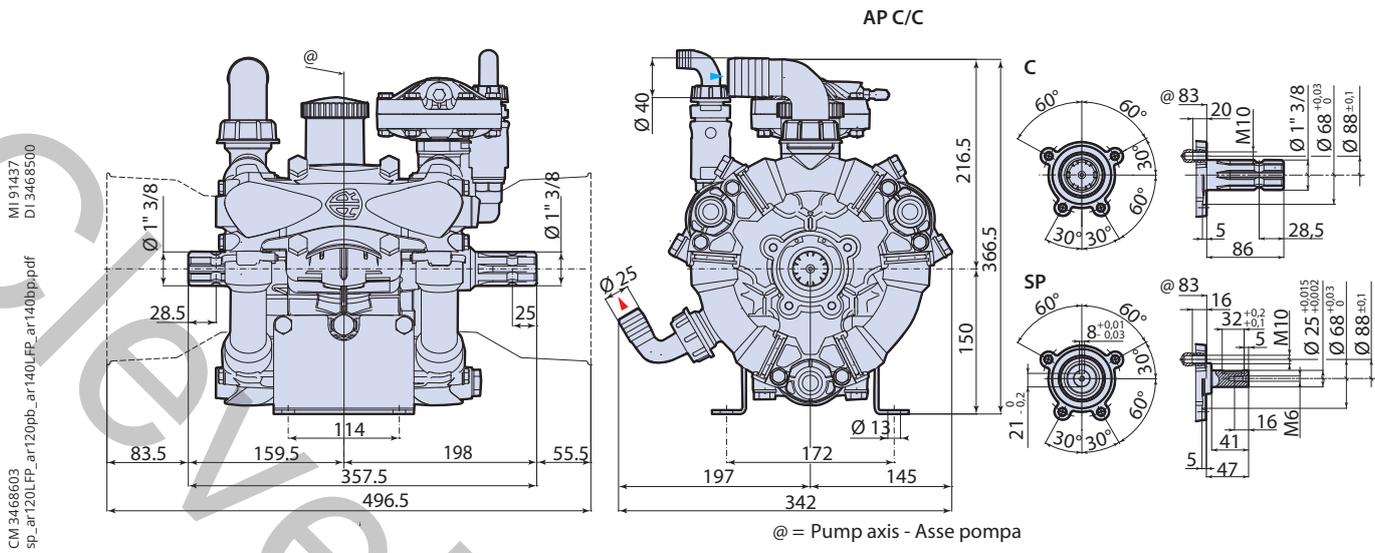
Applicazioni / Applications
IDM > pag.186.

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in Nylon rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. 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 reinforced Nylon, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



| MOD | COD | | | MAX l/min | MAX gpm | MAX bar | MAX psi | MAX RPM | MAX °C | MAX °F | MAX kg | MAX lb |
|------------|-------|-------|--------|--------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| | C | SP | AP C/C | | | | | | | | | |
| AR 120 LFP | 32019 | 32020 | 32021 | 116,7 | 30,8 | 15 | 218 | 550 | 60 | 140 | 15,6 | 34,4 |
| AR 140 LFP | 32029 | 32030 | 32031 | 132,9 | 35,1 | 15 | 218 | 550 | 60 | 140 | 15,6 | 34,4 |

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

| MAX bar | MAX psi | 400 | | | 450 | | | 500 | | | 550 | | |
|-------------------|------------|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| | | l/min | gpm | HP |
| AR 120 LFP | | | | | | | | | | | | | |
| 0 | 0 | 86,4 | 22,8 | 0,4 | 96,8 | 25,6 | 0,5 | 108,0 | 28,5 | 0,6 | 116,7 | 30,8 | 0,8 |
| 5 | 72 | 85,0 | 22,5 | 1,3 | 96,5 | 25,5 | 1,5 | 107,0 | 28,3 | 1,6 | 116,3 | 30,7 | 1,9 |
| 10 | 145 | 84,5 | 22,3 | 2,3 | 96,0 | 25,4 | 2,6 | 105,9 | 28,0 | 2,9 | 115,5 | 30,5 | 3,2 |
| 15 | 218 | 83,4 | 22,0 | 3,2 | 95,3 | 25,2 | 3,6 | 105,5 | 27,9 | 4,0 | 114,0 | 30,1 | 4,5 |
| AR 140 LFP | | | | | | | | | | | | | |
| 0 | 0 | 100,2 | 26,5 | 0,8 | 111,9 | 29,6 | 1,0 | 124,4 | 32,9 | 1,3 | 132,9 | 35,1 | 1,6 |
| 5 | 72 | 100,0 | 26,4 | 1,5 | 111,1 | 29,3 | 1,7 | 123,3 | 32,6 | 2,0 | 132,5 | 35,0 | 2,1 |
| 10 | 145 | 98,0 | 25,9 | 2,6 | 110,4 | 29,2 | 2,9 | 121,6 | 32,1 | 3,4 | 131,5 | 34,7 | 3,7 |
| 15 | 218 | 97,0 | 25,6 | 3,7 | 108,7 | 28,7 | 4,2 | 120,5 | 31,8 | 4,7 | 129,5 | 34,2 | 5,2 |



AR 160 LFP - AR 185 LFP

BASSA PRESSIONE
low pressure

Serie NYLON LFP
nylon LFP series



diserbo
spraying



deicing
deicing



fertilizzanti liquidi
liquid fertilizers

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 160 bp e AR 185 bp, vedi pag. 52 e 54.

AR 160 bp and AR 185 bp, see page 52, 54.



AR 185 LFP



Applicazioni / Applications
IDM - IDP > pag.186.



AP C/C



AP C/F ø25



AP C/F ø32

Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompate in Nylon rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. Completa di valvola di sovrappressione con riarmo e cuffia di protezione cardano.

General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in reinforced Nylon, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



AR 245 LFP - AR 275 LFP

Serie NYLON LFP
nylon LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



**fertilizzanti
liquidi**
liquid
fertilizers



AR 245 bp e AR 275 bp,
vedi pag. 60.
AR 245 bp and AR 275 bp,
see page 60.



AR 275 LFP



AP C/C



AP C/F ø32



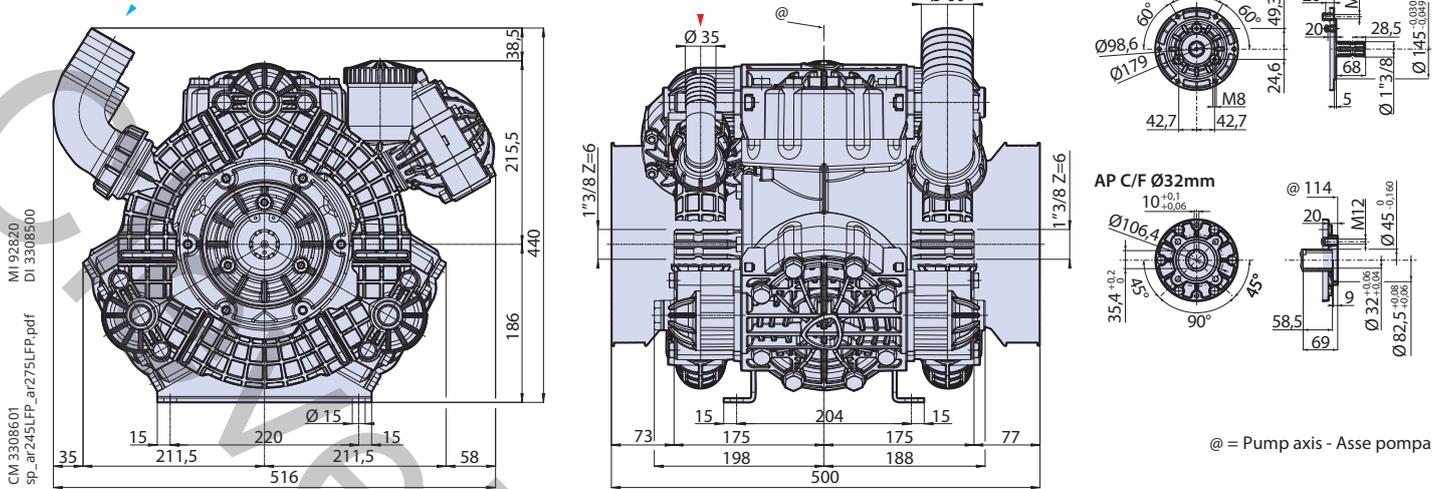
Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompate in Nylon rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. 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 reinforced Nylon, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection.



MI 92820
DI 3308500
CM 3308601
sp_ar245LFP_ar275LFP.pdf

| MOD | COD | | MAX | MAX | RPM | °C | °F | NET | lb |
|---------------|-------|---------|-------|------|-----|-----|-----------|-----|----|
| | C/C | C/F Ø32 | l/min | gpm | bar | psi | N°giri/1' | kg | |
| AR 245 AP LFP | 31456 | 31457 | 242,3 | 64 | 15 | 218 | 550 | 45 | 99 |
| AR 275 AP LFP | 31462 | 31463 | 273,6 | 72,3 | 15 | 218 | 550 | 45 | 99 |

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

| MAX | | RPM | | | | | | | | | | | |
|-------------------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|------|
| | | 400 | | | 450 | | | 500 | | | 550 | | |
| bar | psi | l/min | gpm | HP |
| AR 245 LFP | | | | | | | | | | | | | |
| 0 | 0 | 177,5 | 46,9 | 0,7 | 198,6 | 52,4 | 0,7 | 220,6 | 58,3 | 1,2 | 242,3 | 64,0 | 1,6 |
| 5 | 72 | 174,6 | 46,1 | 2,5 | 195,6 | 51,7 | 2,9 | 218,7 | 57,8 | 3,3 | 239,9 | 63,4 | 3,7 |
| 10 | 145 | 174,0 | 46,0 | 4,5 | 192,7 | 50,9 | 5,1 | 215,8 | 57,0 | 5,7 | 237,1 | 62,6 | 6,4 |
| 15 | 218 | 171,8 | 45,4 | 6,4 | 191,1 | 50,5 | 7,2 | 212,3 | 56,1 | 8,1 | 234,9 | 62,1 | 9,0 |
| AR 275 LFP | | | | | | | | | | | | | |
| 0 | 0 | 203,1 | 53,7 | 1,0 | 230,3 | 60,8 | 1,3 | 253,7 | 67,0 | 1,7 | 273,6 | 72,3 | 2,2 |
| 5 | 72 | 202,3 | 53,4 | 3,0 | 229,4 | 60,6 | 3,4 | 252,9 | 66,8 | 3,9 | 272,1 | 71,6 | 4,5 |
| 10 | 145 | 197,9 | 53,1 | 5,3 | 226,4 | 59,8 | 6,0 | 252,6 | 66,7 | 6,9 | 269,2 | 71,1 | 7,5 |
| 15 | 218 | 199,6 | 52,7 | 7,5 | 225,9 | 59,7 | 8,7 | 252,5 | 66,7 | 9,8 | 267,4 | 70,7 | 10,7 |



AR 330 LFP - AR 380 LFP

Serie NYLON LFP
nylon LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



fertilizzanti
liquidi
liquid
fertilizers



AR 330 bp e AR 380 bp,
vedi pag. 62.
AR 330 bp and AR 380 bp,
see page 62.



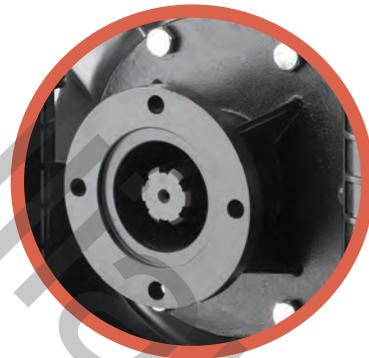
AR 380 LFP



AP C/C



AP C/F ø32



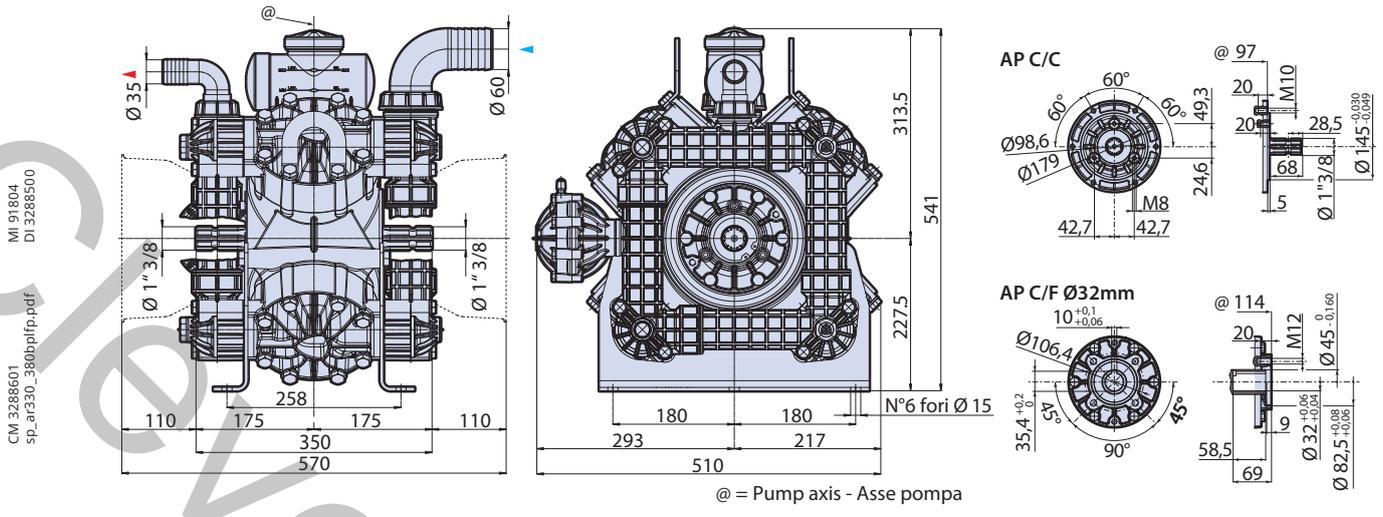
Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompanti in Nylon rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in reinforced Nylon, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).



| MOD | COD | | MAX | MAX | RPM | | NET | | | | |
|---------------|------|---------|-------|------|-----|-----|-----------|----|-----|----|-----|
| | C/C | C/F Ø32 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 330 AP LFP | 1253 | 1254 | 317,9 | 84 | 15 | 218 | 550 | 60 | 140 | 58 | 128 |
| AR 380 AP LFP | 1255 | 1256 | 367,7 | 97,1 | 15 | 218 | 550 | 60 | 140 | 58 | 128 |

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

| MAX | RPM | | | | | | | | | | | | |
|-------------------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
| | 400 | | | 450 | | | 500 | | | 550 | | | |
| bar | psi | l/min | gpm | HP |
| AR 330 LFP | | | | | | | | | | | | | |
| 0 | 0 | 236,2 | 62,4 | 0,9 | 261,8 | 69,2 | 1,2 | 288,9 | 76,3 | 2,3 | 317,9 | 84,0 | 2,4 |
| 5 | 72 | 232,9 | 61,5 | 3,1 | 259,9 | 68,7 | 3,5 | 286,9 | 75,8 | 4,3 | 316,4 | 83,6 | 4,5 |
| 10 | 145 | 230,5 | 60,9 | 5,6 | 255,5 | 67,5 | 6,3 | 285,3 | 75,4 | 7,5 | 313,9 | 82,9 | 8,0 |
| 15 | 218 | 229,0 | 60,5 | 8,3 | 254,0 | 67,1 | 9,3 | 284,8 | 75,2 | 10,7 | 313,2 | 82,7 | 11,6 |
| AR 380 LFP | | | | | | | | | | | | | |
| 0 | 0 | 274,0 | 72,4 | 1,6 | 304,9 | 80,5 | 2,1 | 334,5 | 88,4 | 2,8 | 367,7 | 97,1 | 3,6 |
| 5 | 72 | 270,1 | 71,4 | 3,9 | 300,2 | 79,3 | 4,4 | 330,7 | 87,4 | 5,1 | 357,0 | 94,3 | 5,6 |
| 10 | 145 | 268,2 | 70,9 | 7,0 | 300,1 | 79,3 | 7,9 | 330,0 | 87,2 | 8,7 | 355,3 | 93,9 | 9,8 |
| 15 | 218 | 266,1 | 70,3 | 10,1 | 297,9 | 78,7 | 11,4 | 327,2 | 86,4 | 12,6 | 355,2 | 93,8 | 13,8 |



AR 410 LFP - AR 460 LFP

Serie NYLON LFP
nylon LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



fertilizzanti
liquidi
liquid
fertilizers



AR 410 bp e AR 460 bp,
vedi pag. 64.
AR 410 bp and AR 460 bp,
see page 64.



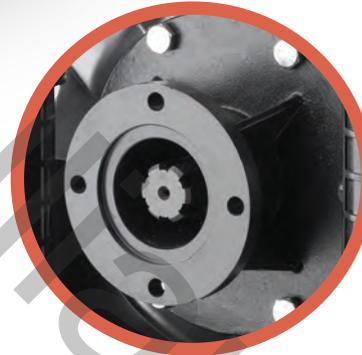
AR 460 LFP



AP C/C



AP C/F ø32



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

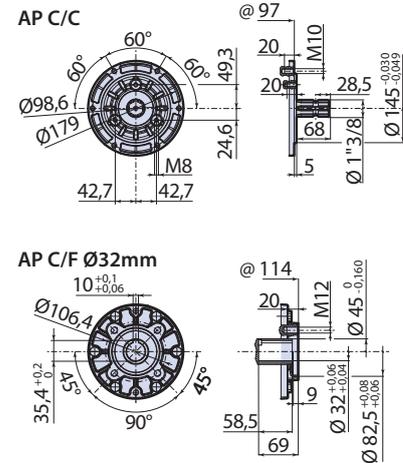
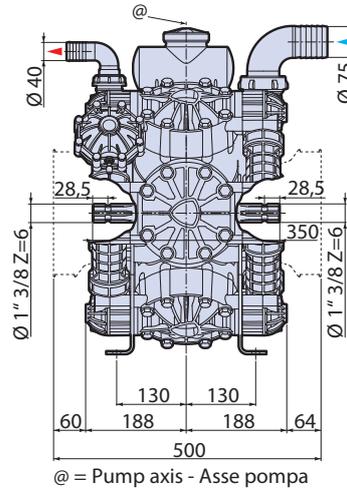
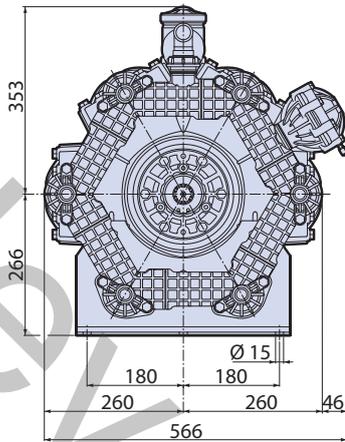
Pompa a sei membrane semidrauliche. Parti in contatto con i liquidi pompanti in Nylon rinforzato, Kynar e AISI 316L. Membrane in **BlueFlex™**. Tenute in Viton®. Viteria in AISI 304. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic six-diaphragm pump. Parts in contact with pumped liquids in reinforced Nylon, Kynar and AISI 316 L. Diaphragms in **BlueFlex™**. Seals in Viton®. AISI 304 metal fasteners. Plug for drainage of liquid from the circuit winter before. Complete with air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).



CM 3048601
sp_ar410_460p1fp.pdf
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DI.3048500 - 3048501



| MOD | COD | | MAX l/min | MAX gpm | MAX bar | MAX psi | MAX RPM | MAX °C | MAX °F | MAX kg | MAX lb |
|---------------|------|---------|--------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| | C/C | C/F Ø32 | | | | | | | | | |
| AR 410 AP LFP | 1295 | 1296 | 401,2 | 106 | 15 | 218 | 550 | 60 | 140 | 75,5 | 166 |
| AR 460 AP LFP | 1297 | 1298 | 450,3 | 119 | 15 | 218 | 550 | 60 | 140 | 75,5 | 166 |

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

| MAX bar | MAX psi | 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 410 LFP | | | | | | | | | | | | | |
| 0 | 0 | 289,9 | 76,6 | 1,9 | 329,5 | 87,0 | 2,4 | 367,4 | 97,1 | 3,2 | 401,2 | 106,0 | 4,0 |
| 5 | 72 | 288,4 | 76,2 | 4,2 | 326,4 | 86,2 | 4,7 | 366,6 | 96,8 | 5,4 | 399,8 | 105,6 | 6,0 |
| 10 | 145 | 288,3 | 76,2 | 7,4 | 323,3 | 85,4 | 8,3 | 363,5 | 96,0 | 9,4 | 395,8 | 104,6 | 10,5 |
| 15 | 218 | 285,1 | 75,3 | 10,6 | 323,1 | 85,4 | 12,1 | 360,1 | 95,1 | 13,5 | 393,2 | 103,9 | 14,9 |
| AR 460 LFP | | | | | | | | | | | | | |
| 0 | 0 | 330,3 | 87,3 | 1,2 | 373,9 | 98,8 | 1,6 | 412,7 | 109,0 | 2,1 | 450,3 | 119,0 | 2,8 |
| 5 | 72 | 327,8 | 86,6 | 4,8 | 372,8 | 98,5 | 5,6 | 411,4 | 108,7 | 6,4 | 448,6 | 118,5 | 7,4 |
| 10 | 145 | 326,4 | 86,2 | 8,6 | 368,8 | 97,4 | 9,8 | 411,2 | 108,6 | 11,1 | 447,0 | 118,1 | 12,5 |
| 15 | 218 | 325,7 | 86,0 | 12,2 | 367,9 | 97,2 | 13,9 | 407,4 | 107,6 | 15,7 | 444,0 | 117,3 | 17,4 |







AR 45 BP

BASSA PRESSIONE
low pressure

Serie POLIPROPILENE
polypropylene series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 45 bp

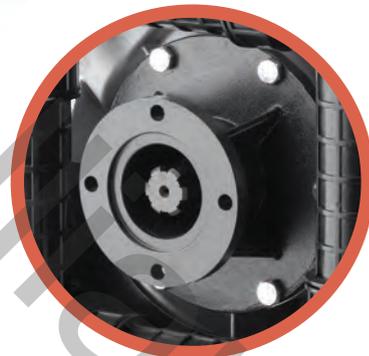
B
BlueFlex



C



SP



Applicazioni / Applications
IDM > pag.186.

Caratteristiche Generali

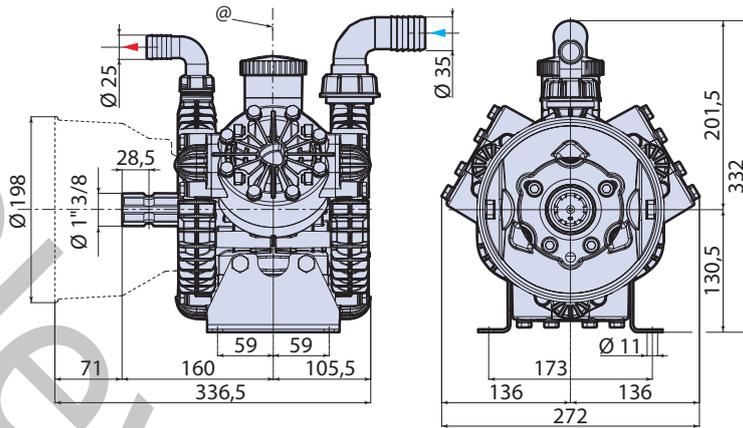
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompate in Polipropilene rinforzato, Kynar e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di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

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in reinforced Polypropylene, Kynar and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Cardan protection.

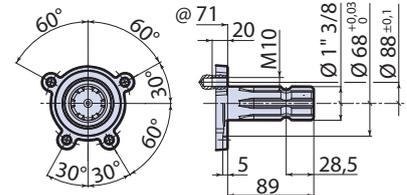
M1.91397
DI.3128500

CM.3128603
sp_ar45fp_bp.pdf

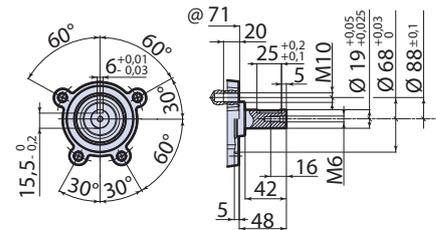


@ = Pump axis - Asse pompa

C



SP



| MOD | COD | | MAX | | MAX | | RPM | TEMP | NET | | |
|--------------|-------|-------|-------|------|-----|-----|-----------|------|-----|----|------|
| | C | SP | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 45 bp NBR | 1267 | 1268 | 43,3 | 11,4 | 20 | 290 | 550 | 60 | 140 | 11 | 24,3 |
| AR 45 bp B | 32000 | 32001 | 43,3 | 11,4 | 20 | 290 | 550 | 60 | 140 | 11 | 24,3 |

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 45 bp | | | | | | | | | | | | | |
| 0 | 0 | 32,2 | 8,5 | 0,2 | 35,6 | 9,4 | 0,3 | 39,5 | 10,4 | 0,3 | 43,3 | 11,4 | 0,4 |
| 5 | 72 | 31,2 | 8,2 | 0,5 | 34,6 | 9,1 | 0,6 | 38,5 | 10,2 | 0,7 | 41,5 | 11,0 | 0,8 |
| 10 | 145 | 31,1 | 8,2 | 0,9 | 34,5 | 9,1 | 1,0 | 38,2 | 10,1 | 1,1 | 41,4 | 10,9 | 1,2 |
| 15 | 218 | 30,5 | 8,1 | 1,2 | 34,5 | 9,1 | 1,4 | 37,7 | 10,0 | 1,5 | 40,7 | 10,7 | 1,7 |
| 20 | 290 | 29,5 | 7,8 | 1,5 | 34,2 | 9,0 | 1,7 | 37,0 | 9,8 | 1,9 | 40,1 | 10,6 | 2,1 |



AR 70 BP

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

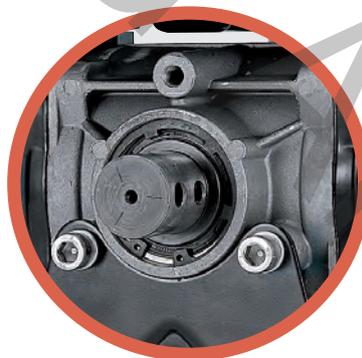
Application kits, see page 80.



AR 70 bp



C



SP



Applicazioni / Applications
IDM > pag.186.

Caratteristiche Generali

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

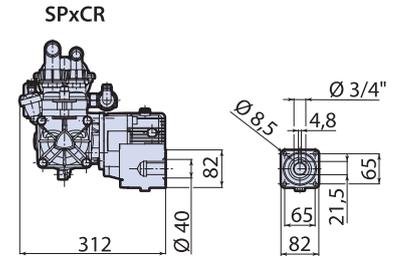
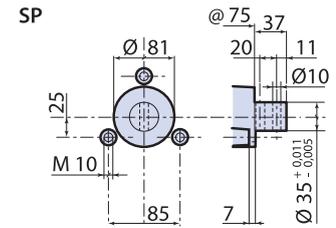
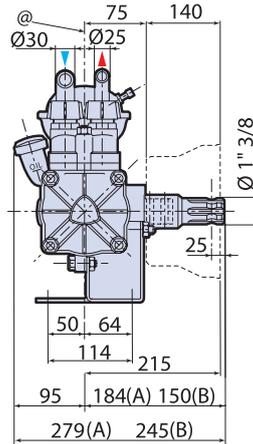
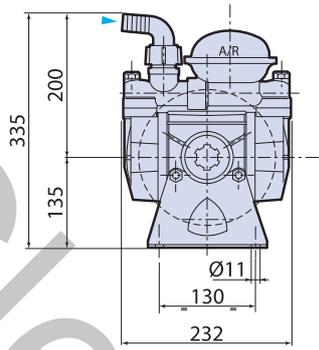
General Features

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



MI 91398
DI 558500

CM 558600
sp_ar70bp.pdf



A = C/w cardan • Con appl.C
B = Integral shaft • Albero integrale
@ = Pump axis • Asse pompa

With reduction gear - Con riduttore

| MOD | COD | | MAX | | MAX | | RPM | TEMP | NET | | |
|--------------|-------|-------|-------|------|-----|-----|-----------|------|-----|------|----|
| | C | SP | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 70 bp NBR | 1200 | 1201 | 74,1 | 19,6 | 20 | 290 | 550 | 60 | 140 | 11,8 | 26 |
| AR 70 bp B | 32004 | 32005 | 74,1 | 19,6 | 20 | 290 | 550 | 60 | 140 | 11,8 | 26 |

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 |
| AR 70 bp | | | | | | | | | | | | | |
| 0 | 0 | 57,1 | 15,1 | 0,4 | 63,7 | 16,8 | 0,4 | 69,4 | 18,3 | 0,5 | 74,1 | 19,6 | 0,8 |
| 5 | 72 | 47,9 | 12,7 | 0,8 | 53,2 | 14,1 | 0,9 | 58,8 | 15,5 | 1,1 | 62,7 | 16,6 | 1,2 |
| 10 | 145 | 46,9 | 12,4 | 1,3 | 52,6 | 13,9 | 1,6 | 57,3 | 15,1 | 1,7 | 62,3 | 16,5 | 1,9 |
| 15 | 218 | 46,3 | 12,2 | 2,0 | 52,2 | 13,8 | 2,3 | 57,1 | 15,1 | 2,4 | 61,6 | 16,3 | 2,7 |
| 20 | 290 | 45,7 | 12,1 | 2,5 | 51,8 | 13,7 | 2,8 | 56,9 | 15,0 | 3,1 | 60,6 | 16,0 | 3,4 |



AR 75 BP

BASSA PRESSIONE
low pressure

Serie NYLON
nylon series



diserbo
spraying



deicing
deicing

NEW

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.



AR 75 bp



C



SP



AP C/C

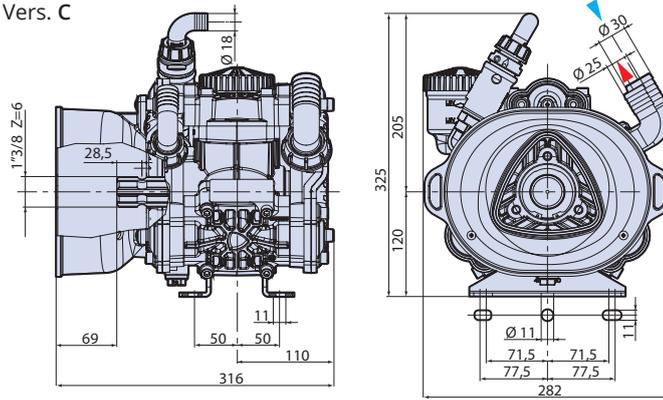
Caratteristiche Generali

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

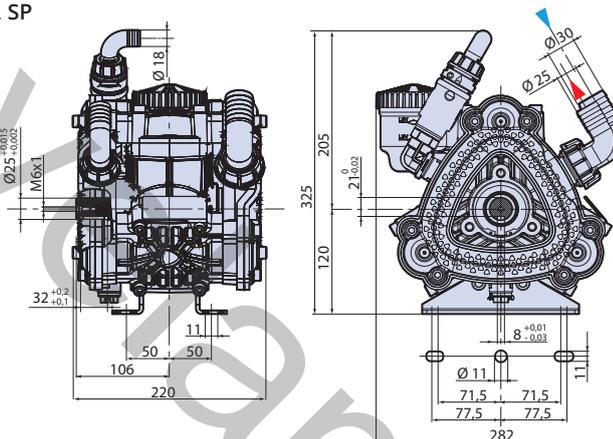
General Features

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

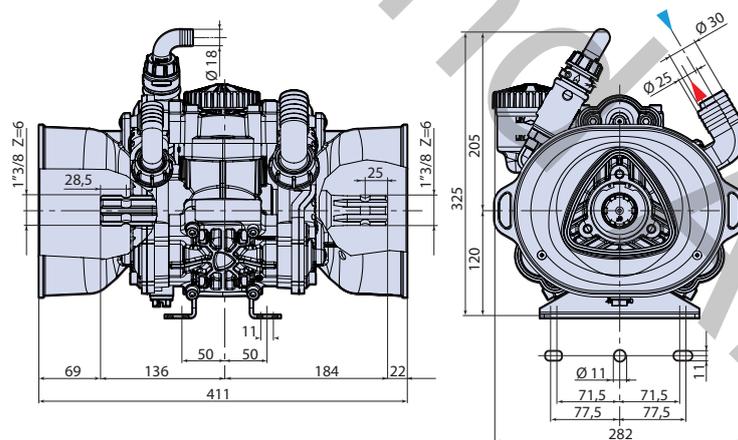
Vers. C



Vers. SP



Vers. AP C/C



MI 95096
DI 4808500 AR 75C
DI 4808501 AR 75SP
DI 4808502 AR 75C/C

CM 4808600-1-3-4-5-6
sp_ar75LP_bp.pdf

| MOD | COD | | | MAX | MAX | RPM | °C | °F | NET | |
|--------------|-------|-------|--------|-------|------|-----|-----|-----------|-----|------|
| | C | SP | AP C/C | l/min | gpm | bar | psi | N°giri/1' | kg | lb |
| AR 75 bp NBR | 33184 | 33185 | 33190 | 70 | 18,5 | 15 | 218 | 550 | 9,5 | 20,9 |
| AR 75 bp B | 33155 | 33171 | 33174 | 70 | 18,5 | 15 | 218 | 550 | 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 |
| AR 75 bp | | | | | | | | | | | | | |
| 0 | 0 | 50,4 | 13,3 | 0,3 | 56,6 | 15,0 | 0,4 | 62,5 | 16,5 | 0,6 | 68,9 | 18,2 | 0,7 |
| 5 | 72 | 50,1 | 13,2 | 0,8 | 55,5 | 14,7 | 0,8 | 61,4 | 16,2 | 1,0 | 67,7 | 17,9 | 1,1 |
| 10 | 145 | 49,5 | 13,1 | 1,3 | 55,1 | 14,6 | 1,5 | 61,2 | 16,2 | 1,7 | 67,0 | 17,7 | 1,9 |
| 15 | 218 | 47,4 | 12,5 | 1,9 | 54,5 | 14,4 | 2,1 | 61,0 | 16,1 | 2,3 | 66,5 | 17,6 | 2,6 |



AR 80 BP

BASSA PRESSIONE
low pressure

Serie POLIPROPILENE
polypropylene series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 80 bp



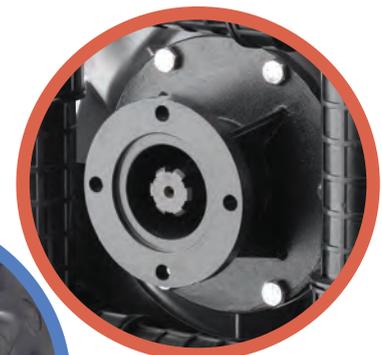
C



SP AP SP/C



AP C/C



Applicazioni / Applications
IDM > pag.186.

Caratteristiche Generali

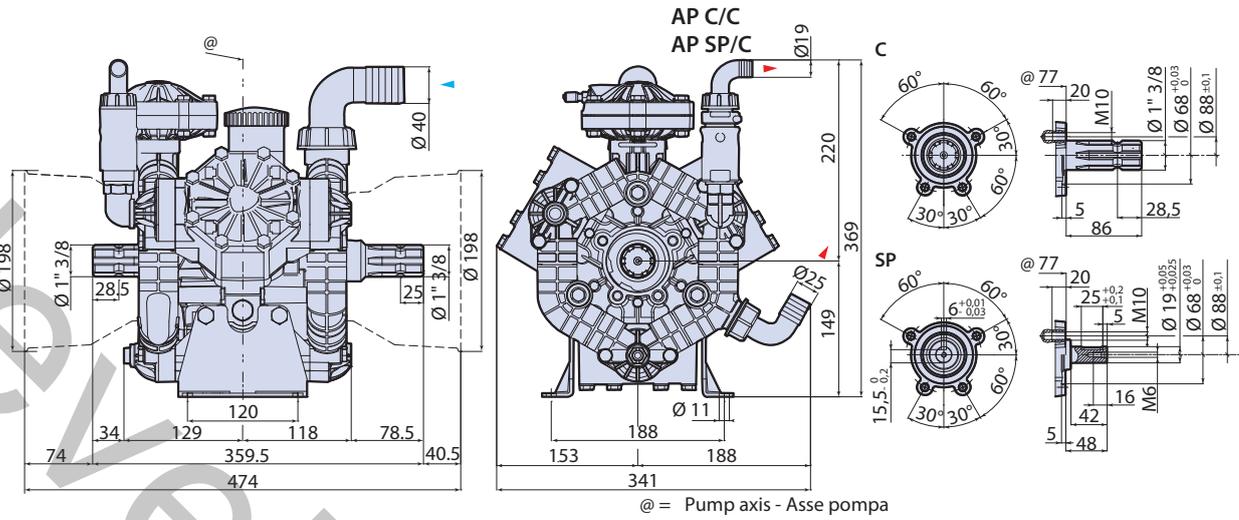
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompati in Polipropilene rinforzato, Kynar e AISI 303/304. Membrane in NBR, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di 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 reinforced Polypropylene, Kynar and AISI 303/304. Diaphragms in NBR, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



MI 92407
DI 3248500
CM 3248600
SP_ar80LP_bp.pdf



| MOD | COD | | | | MAX | MAX | RPM | TEMP | NET | | | | |
|--------------|-------|-------|---------|--------|-------|------|-----|------|-----------|----|-----|----|------|
| | C | SP | AP SP/C | AP C/C | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 80 bp NBR | 1291 | 1293 | 1294 | 1292 | 76,4 | 20,2 | 20 | 290 | 550 | 60 | 140 | 14 | 30,9 |
| AR 80 bp B | 32006 | 32007 | 32008 | 32009 | 76,4 | 20,2 | 20 | 290 | 550 | 60 | 140 | 14 | 30,9 |

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 |
| AR 80 bp | | | | | | | | | | | | | |
| 0 | 0 | 57,8 | 15,3 | 0,3 | 64,9 | 17,1 | 0,4 | 71,0 | 18,8 | 0,5 | 76,4 | 20,2 | 0,6 |
| 5 | 72 | 57,6 | 15,2 | 0,8 | 63,5 | 16,8 | 0,9 | 69,8 | 18,4 | 1,0 | 76,0 | 20,1 | 1,1 |
| 10 | 145 | 56,8 | 15,0 | 1,4 | 63,4 | 16,7 | 1,6 | 69,7 | 18,4 | 1,8 | 75,4 | 19,9 | 1,9 |
| 15 | 218 | 56,3 | 14,9 | 2,0 | 63,1 | 16,7 | 2,3 | 68,6 | 18,1 | 2,5 | 73,9 | 19,5 | 2,7 |
| 20 | 290 | 55,4 | 14,6 | 2,5 | 62,3 | 16,5 | 2,8 | 68,2 | 18,0 | 3,1 | 73,4 | 19,4 | 3,4 |



AR 115 BP - AR 115 BP/1000

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 115 bp



C



SP



Applicazioni / Applications
IDM > pag.186.

Caratteristiche Generali

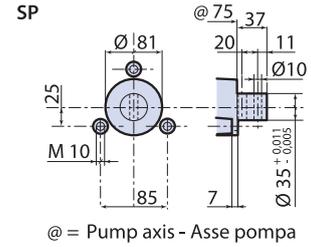
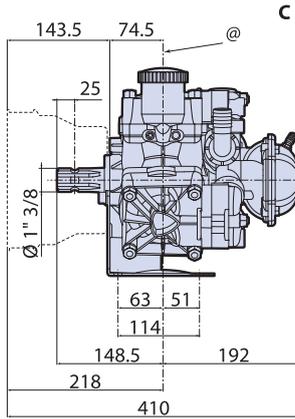
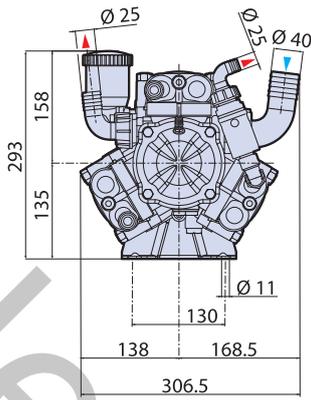
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione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

General Features

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



MI 91399
 SP ar115bp_ar135bp_ar115_100.
 DI 588510 - 588511
 pdf



| MOD | COD | | MAX | MAX | RPM | | NET | | | | |
|-----------------|-------|-------|-------|------|-----|-----|-----------|----|-----|------|------|
| | C | SP | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 115 bp NBR | 1203 | 1204 | 107,9 | 28,5 | 20 | 290 | 550 | 60 | 140 | 15,5 | 34,2 |
| AR 115 bp | 32014 | 32015 | 107,9 | 28,5 | 20 | 290 | 550 | 60 | 140 | 15,5 | 34,2 |
| AR 115 bp /1000 | 1199 | - | 94 | 24,8 | 15 | 218 | 1000 | 60 | 140 | 15,5 | 34,2 |

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 |
| AR 115 bp | | | | | | | | | | | | | |
| 0 | 0 | 80,9 | 21,4 | 0,4 | 90,1 | 23,8 | 0,5 | 99,7 | 26,3 | 0,7 | 107,9 | 28,5 | 0,9 |
| 5 | 72 | 78,2 | 20,7 | 1,2 | 88,5 | 23,4 | 1,5 | 96,1 | 25,4 | 1,6 | 105,3 | 27,8 | 1,9 |
| 10 | 145 | 77,4 | 20,4 | 2,1 | 87,5 | 23,1 | 2,4 | 95,7 | 25,3 | 2,8 | 104,5 | 27,6 | 3,1 |
| 15 | 218 | 77,1 | 20,4 | 3,1 | 87,0 | 23,0 | 3,5 | 95,0 | 25,1 | 3,9 | 104,3 | 27,6 | 4,3 |
| 20 | 290 | 77,0 | 20,3 | 4,0 | 86,2 | 22,8 | 4,6 | 94,2 | 24,9 | 5,1 | 103,8 | 27,4 | 5,5 |

| MAX | | RPM | | | | | | | | | | | |
|-------------------------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|----|
| | | 750 | | | 900 | | | 1000 | | | | | |
| bar | psi | l/min | gpm | HP | l/min | gpm | HP | l/min | gpm | HP | l/min | gpm | HP |
| AR 115 bp / 1000 | | | | | | | | | | | | | |
| 0 | 0 | 75,0 | 19,8 | 0,8 | 90,5 | 23,9 | 1,1 | 94,0 | 24,8 | 1,4 | | | |
| 5 | 72 | 73,0 | 19,3 | 1,5 | 87,0 | 23,0 | 1,7 | 91,5 | 24,2 | 2,0 | | | |
| 10 | 145 | 72,0 | 19,0 | 2,3 | 84,6 | 22,3 | 2,7 | 90,5 | 23,9 | 3,1 | | | |
| 15 | 218 | 71,0 | 18,8 | 3,2 | 84,0 | 22,2 | 3,8 | 89,0 | 23,5 | 4,2 | | | |



AR 135 BP

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

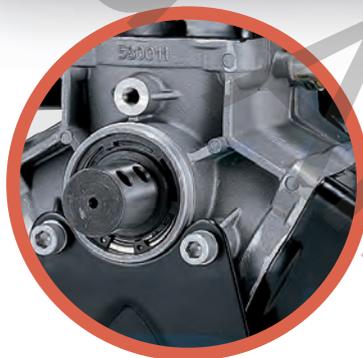
Application kits, see page 80.



AR 135 bp



C



SP



Applicazioni / Applications
IDM > pag.186.

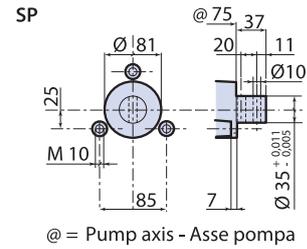
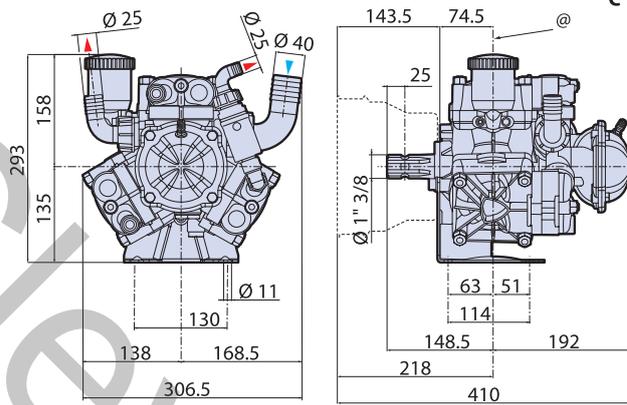
Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. 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 plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Complete with safety valve with re-arm, air chamber and cardan protection.

MI 91399
DI 588510 - 588511
CM 588600
SP AR135bp AR135bp AR115_100.pdf



| MOD | COD | | MAX | | MAX | | RPM | TEMP | | NET | |
|---------------|-------|-------|-------|------|-----|-----|-----------|------|-----|------|------|
| | C | SP | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 135 bp NBR | 1206 | 1207 | 128 | 33,8 | 20 | 290 | 550 | 60 | 140 | 15,5 | 34,2 |
| AR 135 bp B | 32024 | 32025 | 128 | 33,8 | 20 | 290 | 550 | 60 | 140 | 15,5 | 34,2 |

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 |
| AR 135 bp | | | | | | | | | | | | | |
| 0 | 0 | 97,3 | 25,7 | 0,7 | 108,8 | 28,7 | 0,9 | 118,8 | 31,4 | 1,2 | 128,0 | 33,8 | 1,6 |
| 5 | 72 | 95,6 | 25,3 | 1,6 | 106,5 | 28,1 | 1,9 | 117,6 | 31,1 | 2,1 | 125,8 | 33,2 | 2,4 |
| 10 | 145 | 95,2 | 25,1 | 2,7 | 106,3 | 28,1 | 3,1 | 117,2 | 31,0 | 3,5 | 125,1 | 33,0 | 3,9 |
| 15 | 218 | 94,6 | 25,0 | 3,8 | 105,7 | 27,9 | 4,3 | 116,3 | 30,7 | 4,8 | 124,9 | 33,0 | 5,2 |
| 20 | 290 | 93,4 | 24,7 | 4,8 | 105,3 | 27,8 | 5,5 | 115,7 | 30,6 | 6,2 | 124,7 | 32,9 | 6,8 |



AR 120 BP - AR 140 BP

Serie NYLON LFP
nylon LFP series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 120 bp

B
BlueFlex



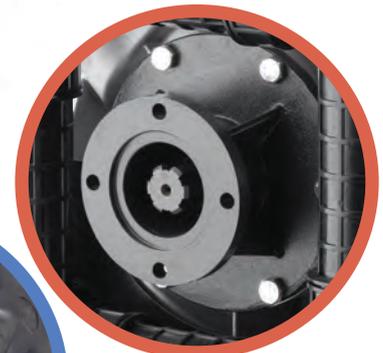
C



SP



AP C/C



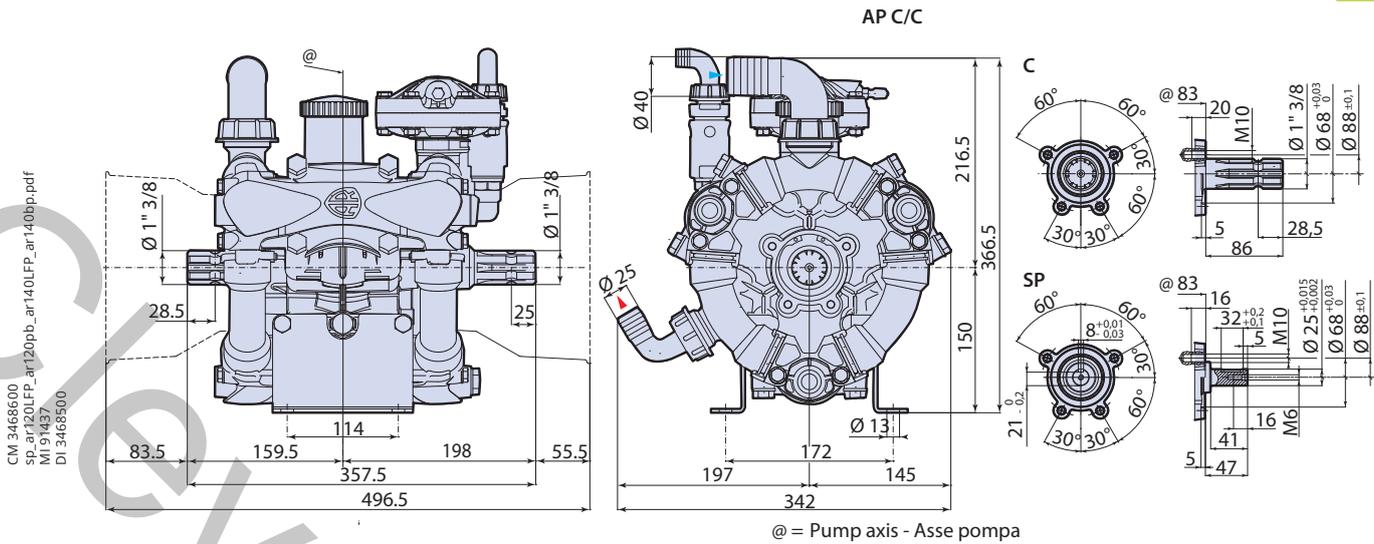
Applicazioni / Applications
IDM > pag.186.

Caratteristiche Generali

Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in Nylon rinforzato, Kynar e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. 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 reinforced Nylon, Kynar and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



| MOD | COD | | | MAX | | MAX | | RPM | | TEMP | | NET | |
|---------------------|-------|-------|--------|-------|------|-----|-----|-----------|----|------|------|------|--|
| | C | SP | AP C/C | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb | |
| AR 120 bp NBR | 1261 | 1262 | 1263 | 116,7 | 30,8 | 15 | 218 | 550 | 60 | 140 | 15,6 | 34,4 | |
| AR 120 LFP B | 32016 | 32017 | 32018 | 116,7 | 30,8 | 15 | 218 | 550 | 60 | 140 | 15,6 | 34,4 | |
| AR 140 bp NBR | 1264 | 1265 | 1266 | 132,9 | 35,1 | 15 | 218 | 550 | 60 | 140 | 15,6 | 34,4 | |
| AR 140 LFP B | 32026 | 32027 | 32028 | 132,9 | 35,1 | 15 | 218 | 550 | 60 | 140 | 15,6 | 34,4 | |

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 |
| AR 120 bp | | | | | | | | | | | | | |
| 0 | 0 | 86,4 | 22,8 | 0,4 | 96,8 | 25,6 | 0,5 | 108,0 | 28,5 | 0,6 | 116,7 | 30,8 | 0,8 |
| 5 | 72 | 85,0 | 22,5 | 1,3 | 96,5 | 25,5 | 1,5 | 107,0 | 28,3 | 1,6 | 116,3 | 30,7 | 1,9 |
| 10 | 145 | 84,5 | 22,3 | 2,3 | 96,0 | 25,4 | 2,6 | 105,9 | 28,0 | 2,9 | 115,5 | 30,5 | 3,2 |
| 15 | 218 | 83,4 | 22,0 | 3,2 | 95,3 | 25,2 | 3,6 | 105,5 | 27,9 | 4,0 | 114,0 | 30,1 | 4,5 |
| AR 140 bp | | | | | | | | | | | | | |
| 0 | 0 | 100,2 | 26,5 | 0,8 | 111,9 | 29,6 | 1,0 | 124,4 | 32,9 | 1,3 | 132,9 | 35,1 | 1,6 |
| 5 | 72 | 100,0 | 26,4 | 1,5 | 111,1 | 29,3 | 1,7 | 123,3 | 32,6 | 2,0 | 132,5 | 35,0 | 2,1 |
| 10 | 145 | 98,0 | 25,9 | 2,6 | 110,4 | 29,2 | 2,9 | 121,6 | 32,1 | 3,4 | 131,5 | 34,7 | 3,7 |
| 15 | 218 | 97,0 | 25,6 | 3,7 | 108,7 | 28,7 | 4,2 | 120,5 | 31,8 | 4,7 | 129,5 | 34,2 | 5,2 |



AR 125 BP - AR 145 BP

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



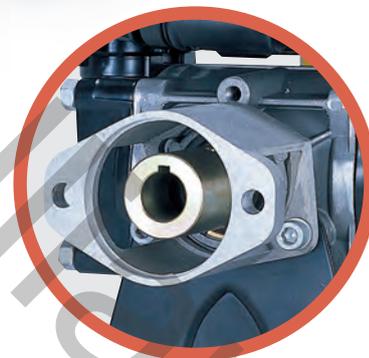
AR 125 bp



AP C/C



AP C/F 1" 3/8



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

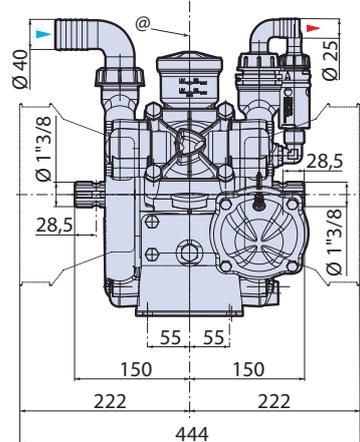
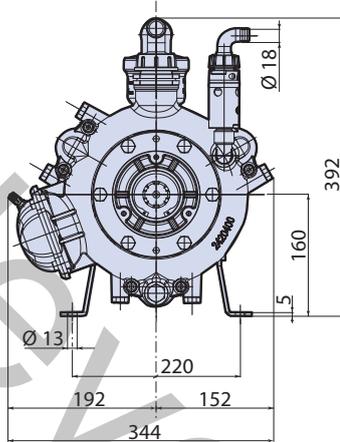
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o BlueFlex™. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di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

General Features

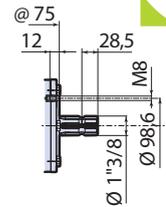
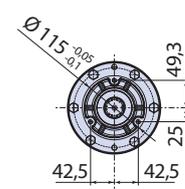
Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or BlueFlex™. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety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



MI 91400
DI 2428500
CM 2428601
sp_ar125bp_ar145bp.pdf

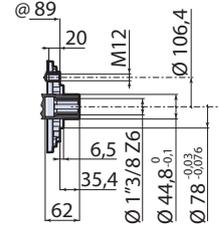
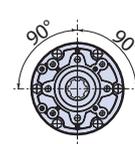


AP C/C



@ = Pump axis - Asse pompa

AP C/F 1"3/8



@ = Pump axis - Asse pompa

| MOD | COD | | MAX | | MAX | | RPM | | TEMP | | NET | |
|------------------|-------|-----------|-------|------|-----|-----|-----------|----|------|----|------|--|
| | C/C | C/F 1"3/8 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb | |
| AR 125 bp AP NBR | 1218 | 1220 | 120,4 | 31,8 | 20 | 290 | 550 | 60 | 140 | 23 | 50,7 | |
| AR 125 bp AP B | 32022 | 32023 | 120,4 | 31,8 | 20 | 290 | 550 | 60 | 140 | 23 | 50,7 | |
| AR 145 bp AP NBR | 1219 | 1221 | 133 | 35,1 | 20 | 290 | 550 | 60 | 140 | 23 | 50,7 | |
| AR 145 bp AP B | 32032 | 32033 | 133 | 35,1 | 20 | 290 | 550 | 60 | 140 | 23 | 50,7 | |

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 |
| AR 125 bp | | | | | | | | | | | | | |
| 0 | 0 | 91,9 | 24,3 | 0,7 | 101,4 | 26,8 | 0,8 | 111,2 | 29,4 | 1,1 | 120,4 | 31,8 | 1,2 |
| 5 | 72 | 87,6 | 23,1 | 1,3 | 97,4 | 25,7 | 1,5 | 107,4 | 28,4 | 1,6 | 116,6 | 30,8 | 1,9 |
| 10 | 145 | 84,5 | 22,3 | 2,3 | 94,1 | 24,9 | 2,5 | 103,2 | 27,3 | 2,8 | 113,2 | 29,9 | 3,1 |
| 15 | 218 | 82,2 | 21,7 | 3,2 | 91,5 | 24,2 | 3,6 | 102,0 | 26,9 | 3,9 | 110,2 | 29,1 | 4,3 |
| 20 | 290 | 81,3 | 21,5 | 4,2 | 90,5 | 23,9 | 5,0 | 97,1 | 25,7 | 5,2 | 108,1 | 28,6 | 5,8 |
| AR 145 bp | | | | | | | | | | | | | |
| 0 | 0 | 100,2 | 26,5 | 0,8 | 112,4 | 29,7 | 1,1 | 122,8 | 32,4 | 1,5 | 133,0 | 35,1 | 1,7 |
| 5 | 72 | 97,1 | 25,7 | 1,5 | 109,4 | 28,9 | 1,7 | 119,8 | 31,6 | 2,0 | 130,5 | 34,5 | 2,1 |
| 10 | 145 | 94,0 | 24,8 | 2,5 | 105,5 | 27,9 | 3,0 | 115,1 | 30,4 | 3,2 | 125,5 | 33,2 | 3,4 |
| 15 | 218 | 91,5 | 24,2 | 3,6 | 103,6 | 27,4 | 4,0 | 112,7 | 29,8 | 4,6 | 123,4 | 32,6 | 5,0 |
| 20 | 290 | 89,5 | 23,6 | 4,7 | 100,4 | 26,5 | 5,2 | 111,6 | 29,5 | 5,8 | 120,8 | 31,9 | 6,3 |



AR 160 BP

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



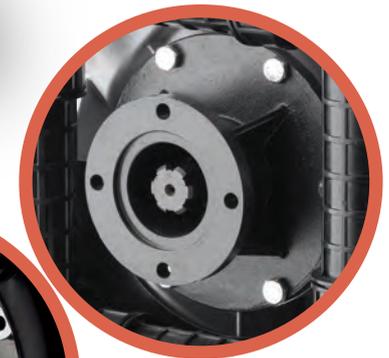
diserbo
spraying



deicing
deicing



AR 160 bp



Applicazioni / Applications
IDM - IDP > pag.186.



AP C/C



AP C/F ø 25



AP C/F ø 32

Caratteristiche Generali

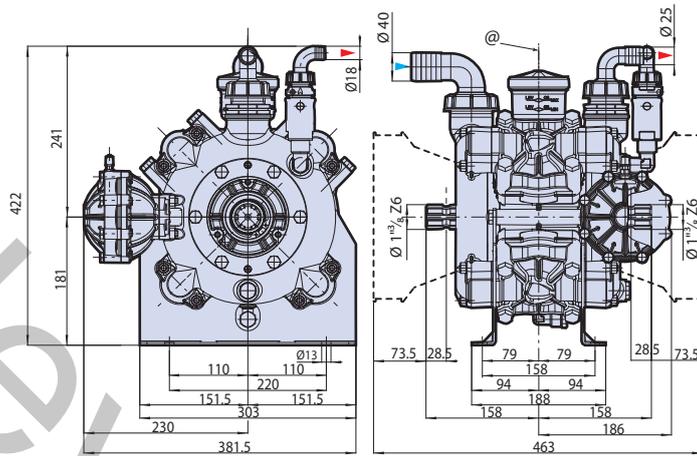
Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).

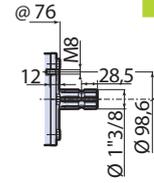
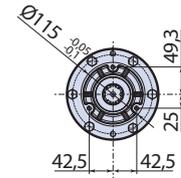


MI 914001
DI 1768520
CM 768601
sp_ar160_185bp.pdf

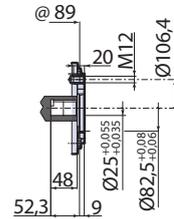
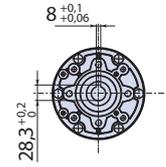


@ = Pump axis - Asse pompa

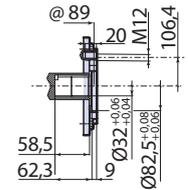
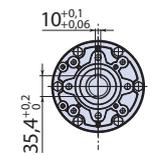
AP C/C



AP C/F Ø25mm



AP C/F Ø32mm



| MOD | COD | | | MAX | | MAX | | RPM | TEMP | | NET | |
|------------------|-------|----------|----------|-------|------|-----|-----|-----------|------|-----|------|------|
| | C/C | C/F Ø 25 | C/F Ø 32 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 160 bp AP NBR | 1209 | 1233 | 1228 | 166,2 | 43,9 | 20 | 290 | 550 | 60 | 140 | 27,5 | 60,6 |
| AR 160 bp AP B | 32034 | 32035 | 32036 | 166,2 | 43,9 | 20 | 290 | 550 | 60 | 140 | 27,5 | 60,6 |

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 |
| AR 160 bp | | | | | | | | | | | | | |
| 0 | 0 | 122,8 | 32,4 | 0,9 | 138,3 | 36,5 | 1,0 | 151,6 | 40,0 | 1,4 | 166,2 | 43,9 | 1,6 |
| 5 | 72 | 119,5 | 31,6 | 2,4 | 132,2 | 34,9 | 2,7 | 146,6 | 38,7 | 3,1 | 159,8 | 42,2 | 3,5 |
| 10 | 145 | 114,6 | 30,3 | 3,7 | 129,8 | 34,3 | 4,2 | 140,8 | 37,2 | 4,6 | 157,3 | 41,6 | 5,1 |
| 15 | 218 | 110,7 | 29,3 | 4,9 | 125,8 | 33,2 | 5,6 | 137,4 | 36,3 | 6,1 | 152,8 | 40,4 | 6,8 |
| 20 | 290 | 110,6 | 29,2 | 6,1 | 125,0 | 33,0 | 7,0 | 136,1 | 36,0 | 7,6 | 151,3 | 40,0 | 8,4 |



AR 185 BP

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



diserbo
spraying



deicing
deicing



AR 185 bp



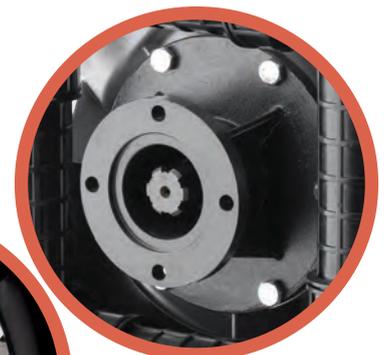
AP C/C



AP C/F ø 25



AP C/F ø 32



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

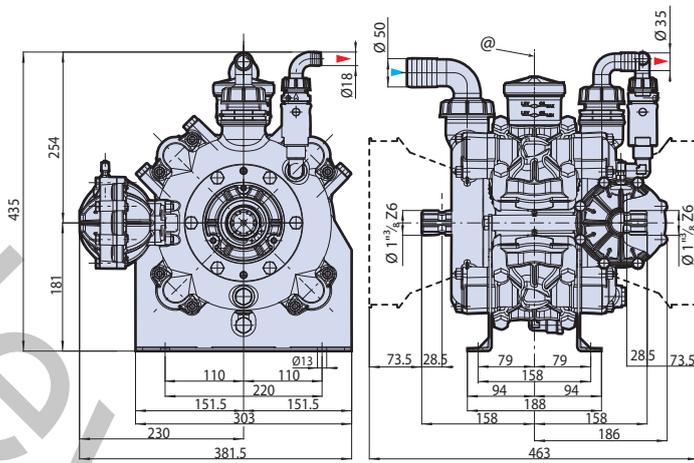
Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o BlueFlex™. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or BlueFlex™. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).

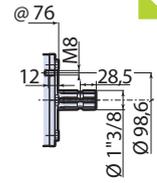
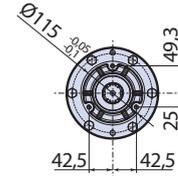


MI 914001
DI 1768530
CM 768601
sp_art160_185bp.pdf

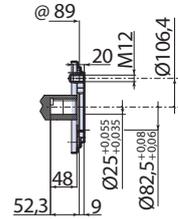
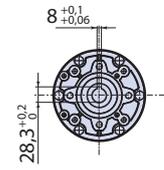


@ = Pump axis - Asse pompa

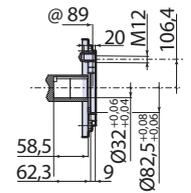
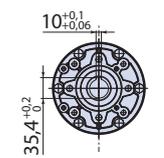
AP C/C



AP C/F Ø25mm



AP C/F Ø32mm



| MOD | COD | | | MAX | | MAX | | RPM | | TEMP | | NET | |
|------------------|-------|----------|----------|-------|------|-----|-----|-----------|----|------|------|------|--|
| | C/C | C/F Ø 25 | C/F Ø 32 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb | |
| AR 185 bp AP NBR | 1210 | 1234 | 1229 | 182,1 | 48,1 | 20 | 290 | 550 | 60 | 140 | 27,5 | 60,6 | |
| AR 185 bp AP B | 32038 | 32039 | 32040 | 182,1 | 48,1 | 20 | 290 | 550 | 60 | 140 | 27,5 | 60,6 | |

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 |
| AR 185 bp | | | | | | | | | | | | | |
| 0 | 0 | 133,2 | 35,2 | 1,1 | 151,7 | 40,1 | 1,4 | 166,6 | 44,0 | 1,6 | 182,1 | 48,1 | 1,9 |
| 5 | 72 | 129,8 | 34,3 | 2,6 | 146,0 | 38,6 | 3,0 | 160,9 | 42,5 | 3,4 | 177,4 | 46,9 | 3,7 |
| 10 | 145 | 129,4 | 34,2 | 4,0 | 140,8 | 37,2 | 4,6 | 155,9 | 41,2 | 5,0 | 172,2 | 45,5 | 5,6 |
| 15 | 218 | 123,7 | 32,7 | 5,3 | 139,2 | 36,8 | 6,1 | 155,2 | 41,0 | 6,7 | 168,4 | 44,5 | 7,4 |
| 20 | 290 | 121,8 | 32,2 | 6,7 | 137,0 | 36,2 | 7,6 | 153,0 | 40,4 | 8,4 | 163,4 | 43,2 | 9,3 |



AR 215 BP

BASSA PRESSIONE
low pressure

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 215 bp



AP C/C



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

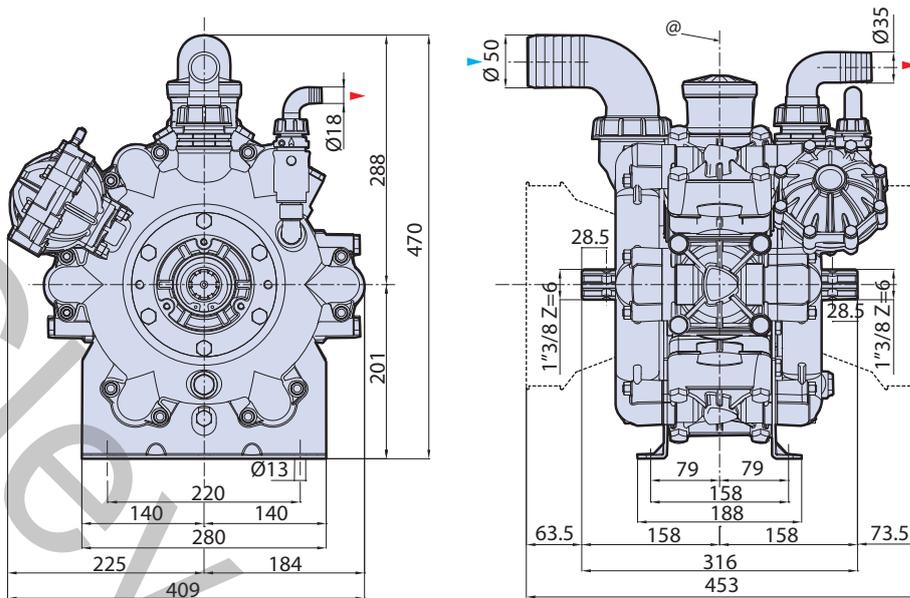
Pompa a sei membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvola di sovrappressione con riarmo, camera aria e cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic six-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).



MI 91402
DI D1758540
CM 758600
sp_ar215_250_280bp.pdf



@ = Pump axis - Asse pompa

| MOD | COD | MAX | MAX | RPM | | NET | | | | |
|------------------|-------|-------|------|-----|-----|-----------|----|-----|------|----|
| | C/C | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 215 bp AP NBR | 1212 | 219,1 | 57,9 | 20 | 290 | 550 | 60 | 140 | 38,5 | 85 |
| AR 215 bp AP | 32042 | 219,1 | 57,9 | 20 | 290 | 550 | 60 | 140 | 38,5 | 85 |

Pompa con Membrane in BlueFlex™
Pumps with BlueFlex™ diaphragm

NBR Pompa con Membrane in NBR
Pumps with NBR diaphragm

| MAX | | | | | | | | | | | | | |
|------------------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|
| | | 400 | | | 450 | | | 500 | | | 550 | | |
| bar | psi | l/min | gpm | HP |
| AR 215 bp | | | | | | | | | | | | | |
| 0 | 0 | 162,0 | 42,8 | 0,7 | 180,7 | 47,7 | 0,8 | 200,0 | 52,8 | 1,1 | 219,1 | 57,9 | 1,3 |
| 5 | 72 | 159,5 | 42,1 | 2,3 | 175,7 | 46,4 | 2,5 | 197,9 | 52,3 | 2,8 | 214,7 | 56,7 | 3,2 |
| 10 | 145 | 151,0 | 39,9 | 3,9 | 173,6 | 45,9 | 4,4 | 190,3 | 50,3 | 5,0 | 208,8 | 55,2 | 5,5 |
| 15 | 218 | 149,5 | 39,5 | 5,6 | 170,3 | 45,0 | 6,3 | 188,0 | 49,7 | 7,1 | 204,2 | 53,9 | 7,8 |
| 20 | 290 | 147,9 | 39,1 | 7,2 | 165,8 | 43,8 | 8,2 | 184,2 | 48,7 | 9,1 | 202,0 | 53,4 | 9,9 |



AR 250 BP - AR 280 BP

Serie ALLUMINIO PLASTIFICATO
plastic-coated aluminium series

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing

Gruppi comando separato, vedi pag. 84.

For remote control units please see page 84.

Kit Applicazioni pag. 80.

Application kits, see page 80.



AR 250 bp



BlueFlex



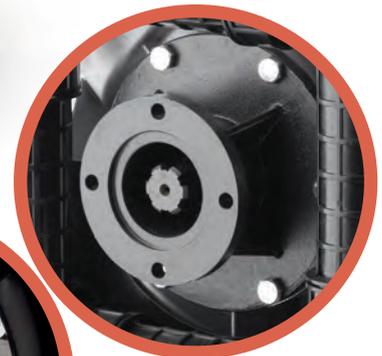
AP C/C



AP C/F ø 25



AP C/F ø 32



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

Pompa a sei membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. 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. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic six-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).



AR 245 BP - AR 275 BP

BASSA PRESSIONE
low pressure

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head



diserbo
spraying



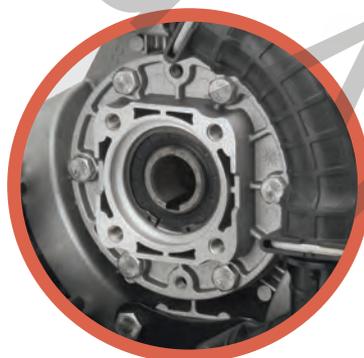
deicing
deicing



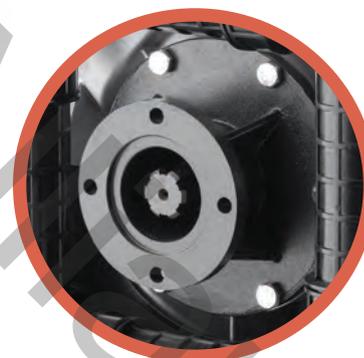
AR 275 bp



AP C/C



AP C/F \varnothing 32



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

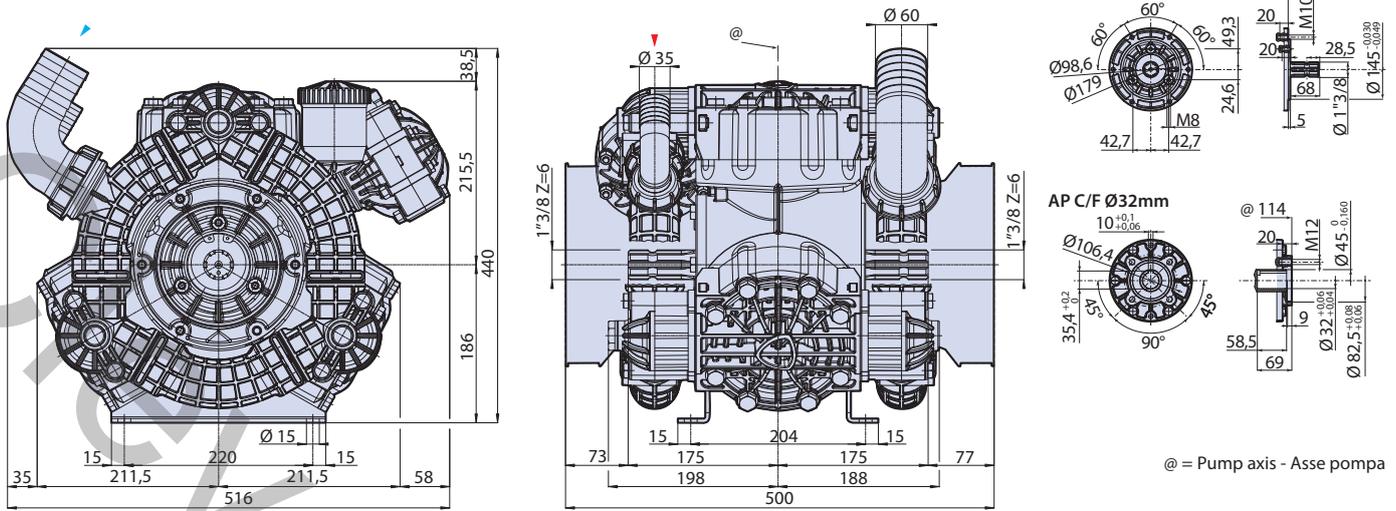
Pompa a tre membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan, Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di camera aria e cuffia di protezione cardano.

General Features

Semi-hydraulic three-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection.



MI 92820
DI 3308500
CM 3308600
sp_ar245bp_ar275bp.pdf



@ = Pump axis - Asse pompa

| MOD | COD | | MAX | | MAX | | RPM | | TEMP | | NET | |
|-----------------------|-------|----------|-------|------|-----|-----|-----------|----|------|----|-----|--|
| | C/C | C/F Ø 32 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb | |
| AR 245 bp AP NBR | 31452 | 31453 | 242,3 | 64 | 15 | 218 | 550 | 60 | 140 | 46 | 101 | |
| AR 245 bp AP B | 31454 | 31455 | 242,3 | 64 | 15 | 218 | 550 | 60 | 140 | 46 | 101 | |
| AR 275 bp AP NBR | 31458 | 31459 | 273,6 | 72,3 | 15 | 218 | 550 | 60 | 140 | 46 | 101 | |
| AR 275 bp AP B | 31460 | 31461 | 273,6 | 72,3 | 15 | 218 | 550 | 60 | 140 | 46 | 101 | |

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 |
| AR 245 bp | | | | | | | | | | | | | |
| 0 | 0 | 177,5 | 46,9 | 0,7 | 198,6 | 52,4 | 0,7 | 220,6 | 58,3 | 1,2 | 242,3 | 64,0 | 1,6 |
| 5 | 72 | 174,6 | 46,1 | 2,5 | 195,6 | 51,7 | 2,9 | 218,7 | 57,8 | 3,3 | 239,9 | 63,4 | 3,7 |
| 10 | 145 | 174,0 | 46,0 | 4,5 | 192,7 | 50,9 | 5,1 | 215,8 | 57,0 | 5,7 | 237,1 | 62,6 | 6,4 |
| 15 | 218 | 171,8 | 45,4 | 6,4 | 191,1 | 50,5 | 7,2 | 212,3 | 56,1 | 8,1 | 234,9 | 62,1 | 9,0 |
| AR 275 bp | | | | | | | | | | | | | |
| 0 | 0 | 203,1 | 53,7 | 1,0 | 230,3 | 60,8 | 1,3 | 253,7 | 67,0 | 1,7 | 273,6 | 72,3 | 2,2 |
| 5 | 72 | 202,3 | 53,4 | 3,0 | 229,4 | 60,6 | 3,4 | 252,9 | 66,8 | 3,9 | 272,1 | 71,6 | 4,5 |
| 10 | 145 | 197,9 | 53,1 | 5,3 | 226,4 | 59,8 | 6,0 | 252,6 | 66,7 | 6,9 | 269,2 | 71,1 | 7,5 |
| 15 | 218 | 199,6 | 52,7 | 7,5 | 225,9 | 59,7 | 8,7 | 252,5 | 66,7 | 9,8 | 267,4 | 70,7 | 10,7 |



AR 330 BP - AR 380 BP

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



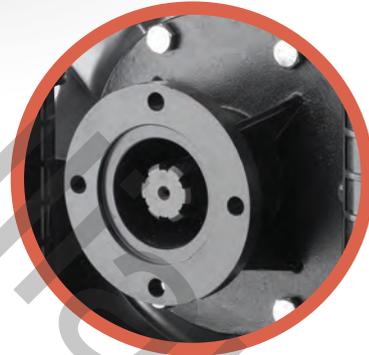
AR 380 bp



AP C/C



AP C/F ø32



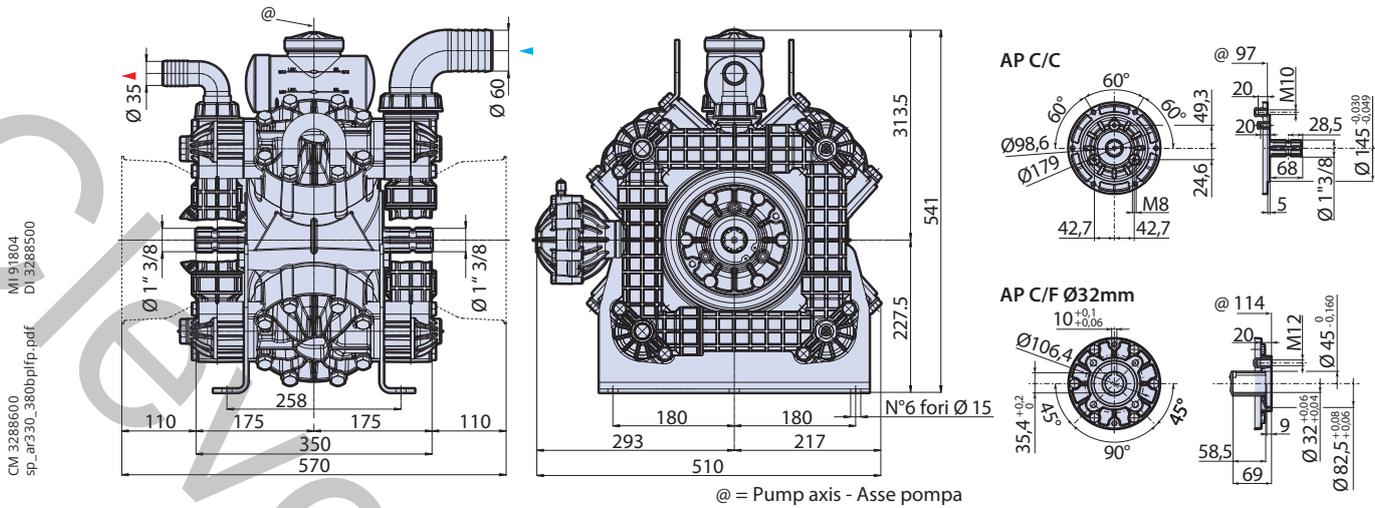
Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

Pompa a quattro membrane semidrauliche. Parti in contatto con i liquidi pompate in alluminio plastificato Rilsan, Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di camera aria e cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic four-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).



| MOD | COD | | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
|-----------------------|-------|---------|-------|------|-----|-----|-----------|----|-----|----|-----|
| | C/C | C/F Ø32 | | | | | | | | | |
| AR 330 bp AP NBR | 1257 | 1258 | 317,9 | 84,2 | 20 | 290 | 550 | 60 | 140 | 60 | 132 |
| AR 330 bp AP B | 32049 | 32050 | 317,9 | 84,2 | 20 | 290 | 550 | 60 | 140 | 60 | 132 |
| AR 380 bp AP NBR | 1271 | 1273 | 367,7 | 97,1 | 20 | 290 | 550 | 60 | 140 | 60 | 132 |
| AR 380 bp AP B | 32051 | 32052 | 367,7 | 97,1 | 20 | 290 | 550 | 60 | 140 | 60 | 132 |

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 |
| AR 330 bp | | | | | | | | | | | | | |
| 0 | 0 | 236,2 | 62,4 | 0,9 | 261,8 | 69,2 | 1,2 | 288,9 | 76,3 | 2,3 | 317,9 | 84,0 | 2,4 |
| 5 | 72 | 232,9 | 61,5 | 3,1 | 259,9 | 68,7 | 3,5 | 286,9 | 75,8 | 4,3 | 316,4 | 83,6 | 4,5 |
| 10 | 145 | 230,5 | 60,9 | 5,6 | 255,5 | 67,5 | 6,3 | 285,3 | 75,4 | 7,5 | 313,9 | 82,9 | 8,0 |
| 15 | 218 | 229,0 | 60,5 | 8,3 | 254,0 | 67,1 | 9,3 | 284,8 | 75,2 | 10,7 | 313,2 | 82,7 | 11,6 |
| 20 | 290 | 227,9 | 60,2 | 10,8 | 253,9 | 67,1 | 12,2 | 283,6 | 74,9 | 13,7 | 309,3 | 81,7 | 15,1 |
| AR 380 bp | | | | | | | | | | | | | |
| 0 | 0 | 274,0 | 72,4 | 1,6 | 304,9 | 80,5 | 2,1 | 334,5 | 88,4 | 2,8 | 367,7 | 97,1 | 3,6 |
| 5 | 72 | 270,1 | 71,4 | 3,9 | 300,2 | 79,3 | 4,4 | 330,7 | 87,4 | 5,1 | 357,0 | 94,3 | 5,6 |
| 10 | 145 | 268,2 | 70,9 | 7,0 | 300,1 | 79,3 | 7,9 | 330,0 | 87,2 | 8,7 | 355,3 | 93,9 | 9,8 |
| 15 | 218 | 266,1 | 70,3 | 10,1 | 297,9 | 78,7 | 11,4 | 327,2 | 86,4 | 12,6 | 355,2 | 93,8 | 13,8 |
| 20 | 290 | 256,7 | 67,8 | 12,7 | 295,9 | 78,2 | 14,2 | 326,4 | 86,2 | 16,1 | 353,0 | 93,3 | 17,4 |



AR 410 BP - AR 460 BP

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head

BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



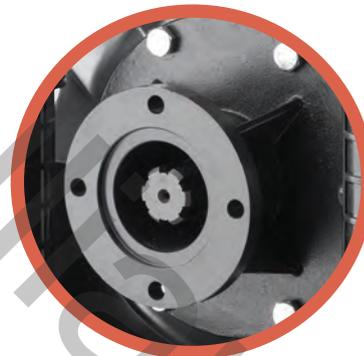
AR 460 bp



AP C/C



AP C/F ø32



Applicazioni / Applications
IDM - IDP > pag.186.

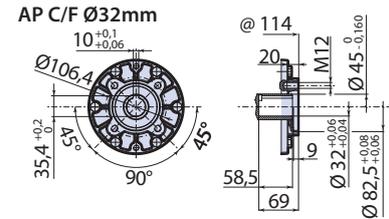
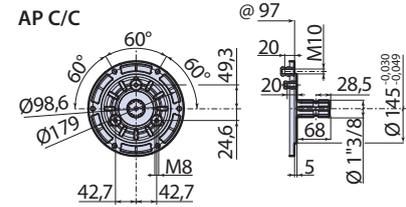
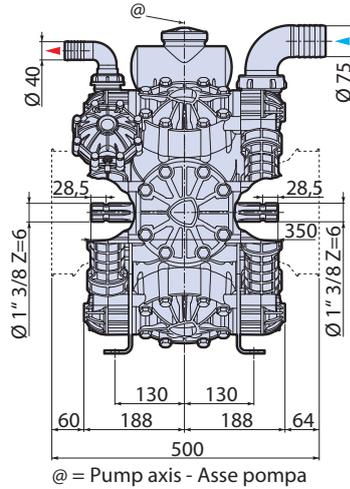
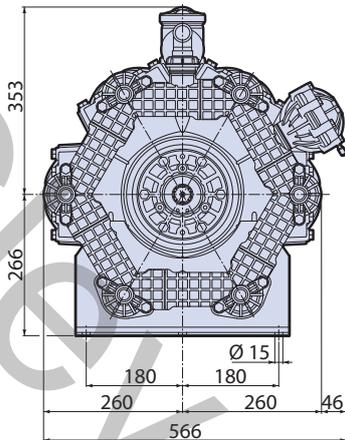
Caratteristiche Generali

Pompa a sei membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan, Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappo per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di camera aria e cuffia di protezione cardano. Kit per l'accoppiamento di due pompe a formare un gruppo modulare destinato alle diverse utenze dell'irroratrice.

General Features

Semi-hydraulic six-diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium, reinforced Nylon and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection. Flange kit for combining two pumps to form a modular unit for the sprayer's liquid circuit (spray to boom, agitation, mixing, continual rinsing).

MI 91403
DI 3048500 - 3048501
CM 3048600
sp_ar410bp_ar460bp.pdf



@ = Pump axis - Asse pompa

| MOD | COD | | MAX l/min | MAX gpm | MAX bar | MAX psi | MAX N°giri/1' | MAX °C | MAX °F | MAX kg | MAX lb |
|-----------------------|-------|---------|--------------|------------|------------|------------|------------------|-----------|-----------|-----------|-----------|
| | C/C | C/F Ø32 | | | | | | | | | |
| AR 410 bp AP NBR | 1245 | 1246 | 401,2 | 106 | 20 | 290 | 550 | 60 | 140 | 78,5 | 173,1 |
| AR 410 bp AP B | 32053 | 32054 | 401,2 | 106 | 20 | 290 | 550 | 60 | 140 | 78,5 | 173,1 |
| AR 460 bp AP NBR | 1247 | 1248 | 450,3 | 119 | 20 | 290 | 550 | 60 | 140 | 78,5 | 173,1 |
| AR 460 bp AP B | 32055 | 32056 | 450,3 | 119 | 20 | 290 | 550 | 60 | 140 | 78,5 | 173,1 |

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

| MAX bar | MAX psi | 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 410 bp | | | | | | | | | | | | | |
| 0 | 0 | 289,9 | 76,6 | 1,9 | 329,5 | 87,0 | 2,4 | 367,4 | 97,1 | 3,2 | 401,2 | 106,0 | 4,0 |
| 5 | 72 | 288,4 | 76,2 | 4,2 | 326,4 | 86,2 | 4,7 | 366,6 | 96,8 | 5,4 | 399,8 | 105,6 | 6,0 |
| 10 | 145 | 288,3 | 76,2 | 7,4 | 323,3 | 85,4 | 8,3 | 363,5 | 96,0 | 9,4 | 395,8 | 104,6 | 10,5 |
| 15 | 218 | 285,1 | 75,3 | 10,6 | 323,1 | 85,4 | 12,1 | 360,1 | 95,1 | 13,5 | 393,2 | 103,9 | 14,9 |
| 20 | 290 | 283,8 | 75,0 | 13,8 | 321,3 | 84,9 | 15,7 | 357,6 | 94,5 | 17,6 | 391,8 | 103,5 | 19,4 |
| AR 460 bp | | | | | | | | | | | | | |
| 0 | 0 | 330,3 | 87,3 | 1,2 | 373,9 | 98,8 | 1,6 | 412,7 | 109,0 | 2,1 | 450,3 | 119,0 | 2,8 |
| 5 | 72 | 327,8 | 86,6 | 4,8 | 372,8 | 98,5 | 5,6 | 411,4 | 108,7 | 6,4 | 448,6 | 118,5 | 7,4 |
| 10 | 145 | 326,4 | 86,2 | 8,6 | 368,8 | 97,4 | 9,8 | 411,2 | 108,6 | 11,1 | 447,0 | 118,1 | 12,5 |
| 15 | 218 | 325,7 | 86,0 | 12,2 | 367,9 | 97,2 | 13,9 | 407,4 | 107,6 | 15,7 | 444,0 | 117,3 | 17,4 |
| 20 | 290 | 324,0 | 85,6 | 16,1 | 364,4 | 96,3 | 18,1 | 404,3 | 106,8 | 20,2 | 441,4 | 116,6 | 22,4 |



AR 320 / AR 370 BP TWIN

BASSA PRESSIONE
low pressure

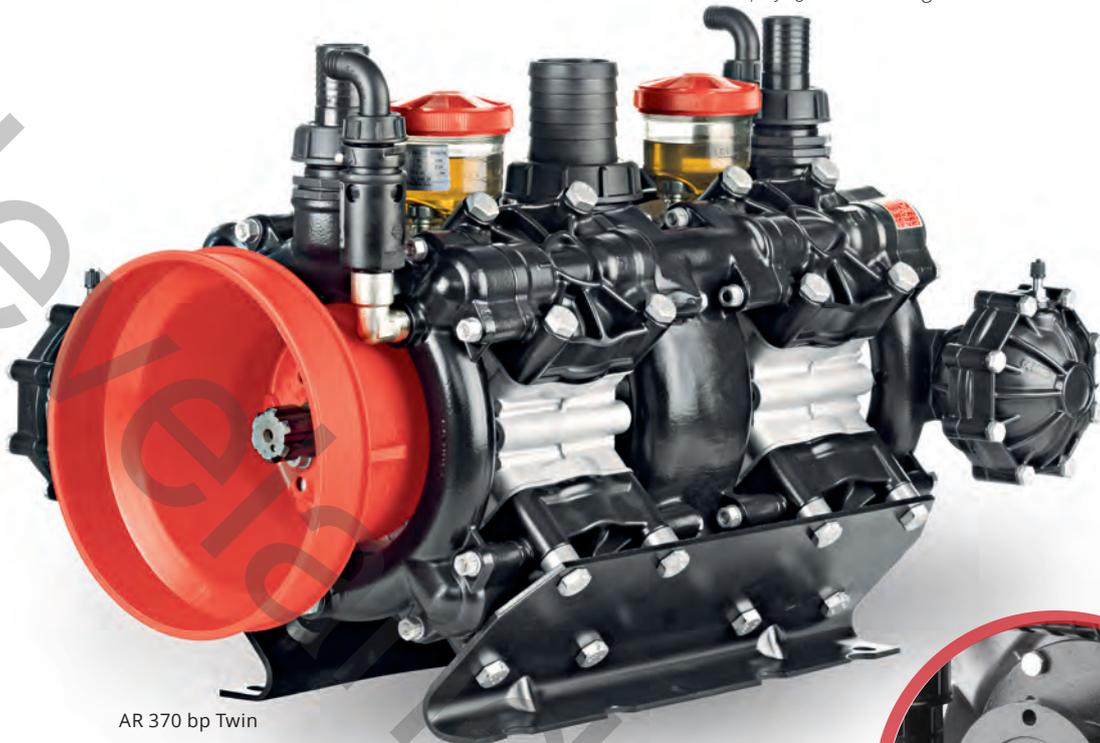
Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head



diserbo
spraying



deicing
deicing



AR 370 bp Twin



Applicazioni / Applications
IDM - IDP > pag.186.



AP C/C



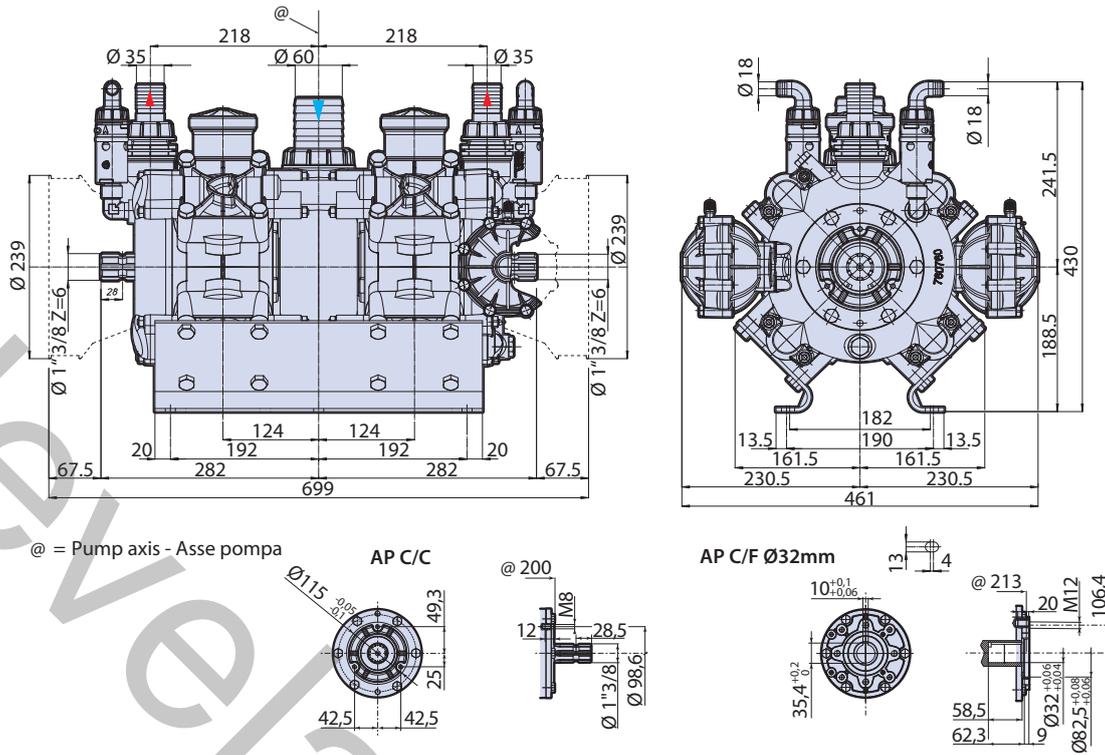
AP C/F ø 32

Caratteristiche Generali

Pompa a quattro piú quattro membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Condotto centrale unico di aspirazione. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvole di sovrappressione con riarmo, camere aria e cuffia di protezione cardano

General Features

Semi-hydraulic four plus four diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Single central suction manifold. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve with re-arm, air chamber and cardan protection.



MI 91404
DI 768500
CM 768602
sp_ar320_370bp_twin_BF.pdf
sp_ar320_370bp_twin.pdf

@ = Pump axis - Asse pompa

AP C/C

AP C/F Ø32mm

| MOD | COD | | MAX | | MAX | | RPM | | TEMP | | NET | |
|-----------------------|-------|----------|-------|------|-----|-----|-----------|----|------|----|-------|--|
| | C/C | C/F Ø 32 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb | |
| AR 320 bp AP Twin NBR | 1186 | 1236 | 321,2 | 84,9 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 | |
| AR 320 bp AP Twin B | 32057 | 32058 | 321,2 | 84,9 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 | |
| AR 370 bp AP Twin NBR | 1183 | 1237 | 371,5 | 98,2 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 | |
| AR 370 bp AP Twin B | 32059 | 32060 | 371,5 | 98,2 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 | |

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 |
| AR 320 bp Twin | | | | | | | | | | | | | |
| 0 | 0 | 209,8 | 55,4 | 1,9 | 269,9 | 71,3 | 3,0 | 290,6 | 76,8 | 3,9 | 321,2 | 84,9 | 5,1 |
| 10 | 145 | 190,5 | 50,3 | 5,9 | 245,4 | 64,8 | 7,6 | 271,3 | 71,7 | 8,7 | 297,9 | 78,7 | 9,6 |
| 15 | 218 | 186,6 | 49,3 | 8,6 | 241,1 | 63,7 | 10,9 | 266,3 | 70,3 | 11,7 | 293,2 | 77,5 | 13,0 |
| 20 | 290 | 183,8 | 48,6 | 10,4 | 235,8 | 62,3 | 13,7 | 261,7 | 69,1 | 15,1 | 289,1 | 76,4 | 16,8 |
| AR 370 bp Twin | | | | | | | | | | | | | |
| 0 | 0 | 240,0 | 63,4 | 2,1 | 305,8 | 80,8 | 3,1 | 333,2 | 88,0 | 4,1 | 371,5 | 98,2 | 5,2 |
| 10 | 145 | 226,0 | 59,7 | 6,2 | 286,6 | 75,7 | 7,9 | 313,5 | 82,8 | 9,0 | 349,5 | 92,3 | 9,9 |
| 15 | 218 | 217,6 | 57,5 | 8,7 | 278,5 | 73,6 | 11,2 | 306,4 | 81,0 | 12,3 | 343,9 | 90,9 | 13,7 |
| 20 | 290 | 212,2 | 56,1 | 11,0 | 274,3 | 72,5 | 14,3 | 298,9 | 79,0 | 15,8 | 339,8 | 89,8 | 17,3 |



AR 500 / AR 560 BP TWIN

BASSA PRESSIONE
low pressure

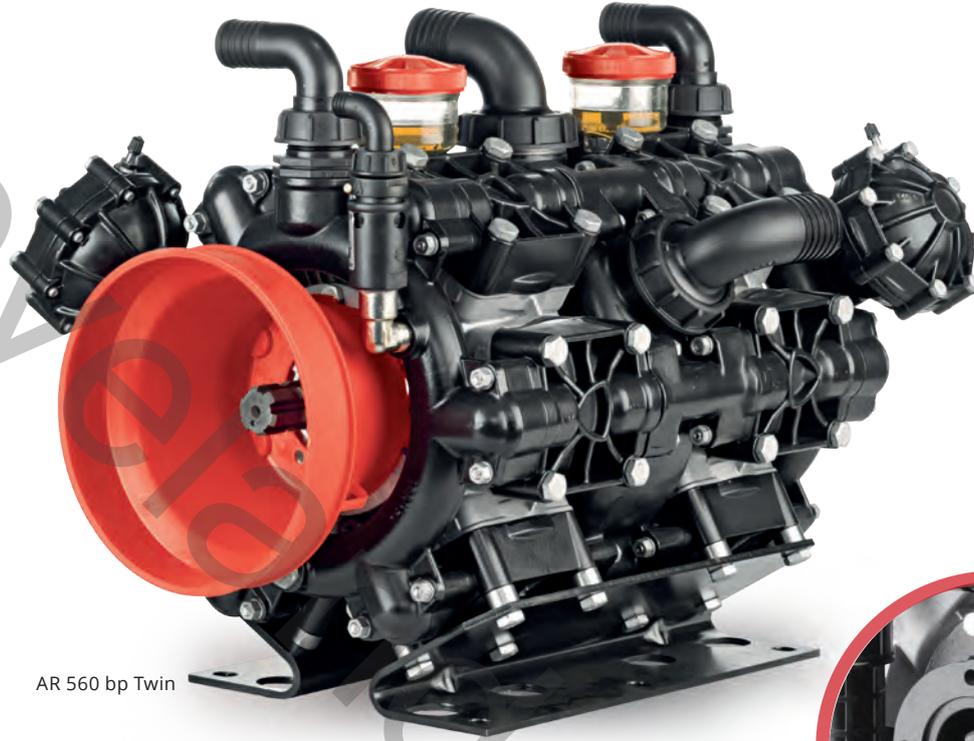
Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head



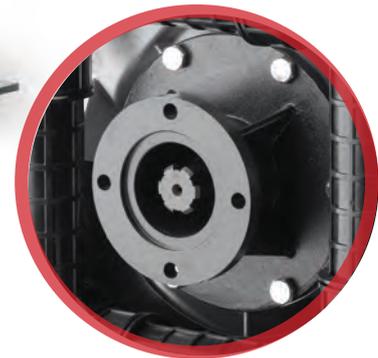
diserbo
spraying



deicing
deicing



AR 560 bp Twin



Applicazioni / Applications
IDM - IDP > pag.186.



AP C/C



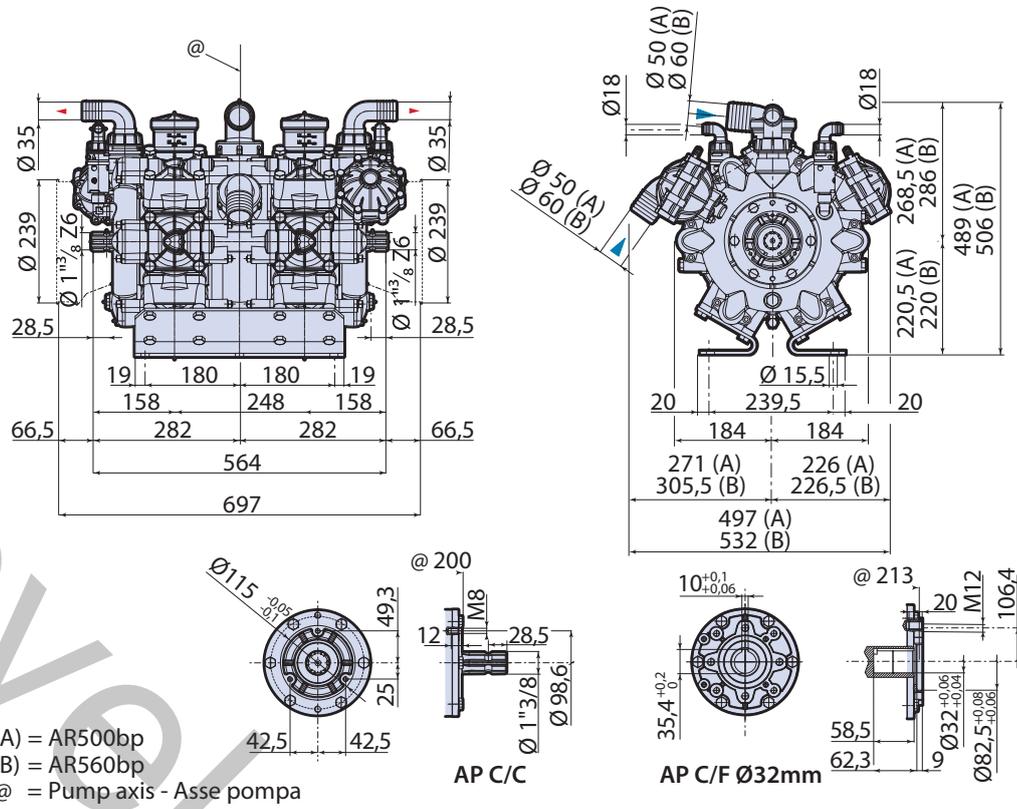
AP C/F ø 32

Caratteristiche Generali

Pompa a sei più sei membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Condotto centrale monolitico con doppio circuito di aspirazione. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvole di sovrappressione con riarmo, camere aria e cuffia di protezione cardano.

General Features

Semi-hydraulic six plus six diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Single central suction manifold. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with safety valve, with re-arm, air chamber and cardan protection.



| MOD | COD | | MAX | MAX | RPM | °C | °F | kg | lb | | |
|----------------------------|-------|----------|-------|-------|-----|-----|-----|----|-----|----|-------|
| | C/C | C/F Ø 32 | | | | | | | | | |
| AR 500 bp AP Twin NBR | 1184 | 1238 | 489,4 | 129,3 | 20 | 290 | 550 | 60 | 140 | 75 | 165,3 |
| AR 500 bp AP Twin B | 32061 | 32062 | 489,4 | 129,3 | 20 | 290 | 550 | 60 | 140 | 75 | 165,3 |
| AR 560 bp AP Twin NBR | 1185 | 1239 | 543,2 | 143,5 | 20 | 290 | 550 | 60 | 140 | 75 | 165,3 |
| AR 560 bp AP Twin B | 32063 | 32064 | 543,2 | 143,5 | 20 | 290 | 550 | 60 | 140 | 75 | 165,3 |

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 |
| AR 500 bp Twin | | | | | | | | | | | | | |
| 0 | 0 | 365,0 | 96,4 | 1,9 | 409,6 | 108,2 | 2,4 | 451,4 | 119,2 | 3,2 | 489,4 | 129,3 | 4,0 |
| 5 | 72 | 356,4 | 94,2 | 5,4 | 397,8 | 105,1 | 6,2 | 438,8 | 115,9 | 7,0 | 476,0 | 125,7 | 7,8 |
| 10 | 145 | 346,2 | 91,5 | 6,7 | 392,8 | 103,8 | 10,5 | 427,6 | 113,0 | 11,8 | 462,4 | 122,2 | 13,1 |
| 15 | 218 | 340,0 | 89,8 | 13,1 | 383,0 | 101,2 | 15,0 | 419,0 | 110,7 | 16,6 | 454,2 | 120,0 | 18,5 |
| 20 | 290 | 335,8 | 88,7 | 17,2 | 378,0 | 99,9 | 19,3 | 413,8 | 109,3 | 21,7 | 446,8 | 118,0 | 23,6 |
| AR 560 bp Twin | | | | | | | | | | | | | |
| 0 | 0 | 395,8 | 104,6 | 2,4 | 441,6 | 116,7 | 3,2 | 490,8 | 129,7 | 4,0 | 543,2 | 143,5 | 6,4 |
| 5 | 72 | 387,2 | 102,3 | 5,9 | 432,6 | 114,3 | 7,0 | 478,0 | 126,3 | 7,5 | 538,6 | 142,3 | 9,4 |
| 10 | 145 | 374,8 | 99,0 | 10,2 | 426,0 | 112,5 | 11,8 | 469,8 | 124,1 | 12,9 | 531,2 | 140,3 | 14,8 |
| 15 | 218 | 369,0 | 97,5 | 14,2 | 419,8 | 110,9 | 16,6 | 459,6 | 121,4 | 18,0 | 523,4 | 138,3 | 20,9 |
| 20 | 290 | 363,0 | 95,9 | 18,5 | 414,2 | 109,4 | 21,2 | 448,2 | 118,4 | 23,3 | 511,8 | 135,2 | 26,6 |



AR 320 / AR 370 BP TWIN TOP

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head

BASSA PRESSIONE
low pressure



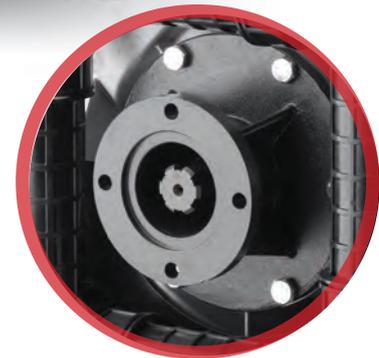
diserbo
spraying



deicing
deicing



AR 370 bp Twin Top



Applicazioni / Applications
IDM - IDP > pag.186.



AP C/C



AP C/F ø 32

Caratteristiche Generali

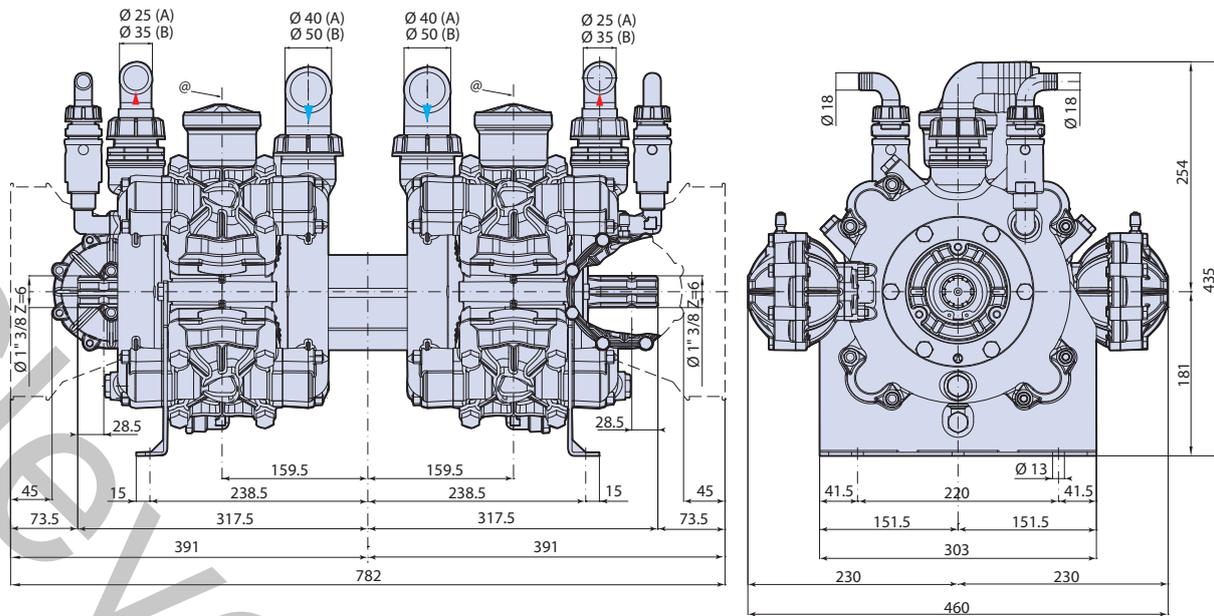
Pompa a quattro piú quattro membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvole di sovrappressione con riarmo, camere aria e cuffia di protezione cardano.

General Features

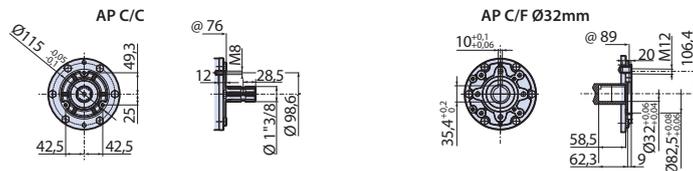
Semi-hydraulic four plus four diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR, HPDS, Desmopan, Viton® or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete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



MI 91404
DI 768510
CM 768613
sp_ar320bptwin_top_ar370bptwin_top.pdf



A = AR320 bp Twin Top
B = AR370 bp Twin Top
@ = Pump axis - Asse pompa



| MOD | COD | | MAX | MAX | RPM | TEMP | NET | | | | |
|---------------------------|-------|----------|-------|------|-----|------|-----------|----|-----|----|-------|
| | C/C | C/F Ø 32 | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 320 bp AP Twin Top NBR | 1275 | 1276 | 321,2 | 84,9 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 |
| AR 320 bp AP Twin Top B | 32065 | 32066 | 321,2 | 84,9 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 |
| AR 370 bp AP Twin Top NBR | 1279 | 1280 | 371,5 | 98,2 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 |
| AR 370 bp AP Twin Top B | 32069 | 32070 | 371,5 | 98,2 | 20 | 290 | 550 | 60 | 140 | 58 | 127,9 |

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 |
| AR 320 bp Twin Top | | | | | | | | | | | | | |
| 0 | 0 | 209,8 | 55,4 | 1,9 | 269,9 | 71,3 | 3,0 | 290,6 | 76,8 | 3,9 | 321,2 | 84,9 | 5,1 |
| 10 | 145 | 190,5 | 50,3 | 5,9 | 245,4 | 64,8 | 7,6 | 271,3 | 71,7 | 8,7 | 297,9 | 78,7 | 9,6 |
| 15 | 218 | 186,6 | 49,3 | 8,6 | 241,1 | 63,7 | 10,9 | 266,3 | 70,3 | 11,7 | 293,2 | 77,5 | 13,0 |
| 20 | 290 | 183,8 | 48,6 | 10,4 | 235,8 | 62,3 | 13,7 | 261,7 | 69,1 | 15,1 | 289,1 | 76,4 | 16,8 |
| AR 370 bp Twin Top | | | | | | | | | | | | | |
| 0 | 0 | 240,0 | 63,4 | 2,1 | 305,8 | 80,8 | 3,1 | 333,2 | 88,0 | 4,1 | 371,5 | 98,2 | 5,2 |
| 10 | 145 | 226,0 | 59,7 | 6,2 | 286,6 | 75,7 | 7,9 | 313,5 | 82,8 | 9,0 | 349,5 | 92,3 | 9,9 |
| 15 | 218 | 217,6 | 57,5 | 8,7 | 278,5 | 73,6 | 11,2 | 306,4 | 81,0 | 12,3 | 343,9 | 90,9 | 13,7 |
| 20 | 290 | 212,2 | 56,1 | 11,0 | 274,3 | 72,5 | 14,3 | 298,9 | 79,0 | 15,8 | 339,8 | 89,8 | 17,3 |



AR 500 / AR 560 BP TWIN TOP

BASSA PRESSIONE
low pressure

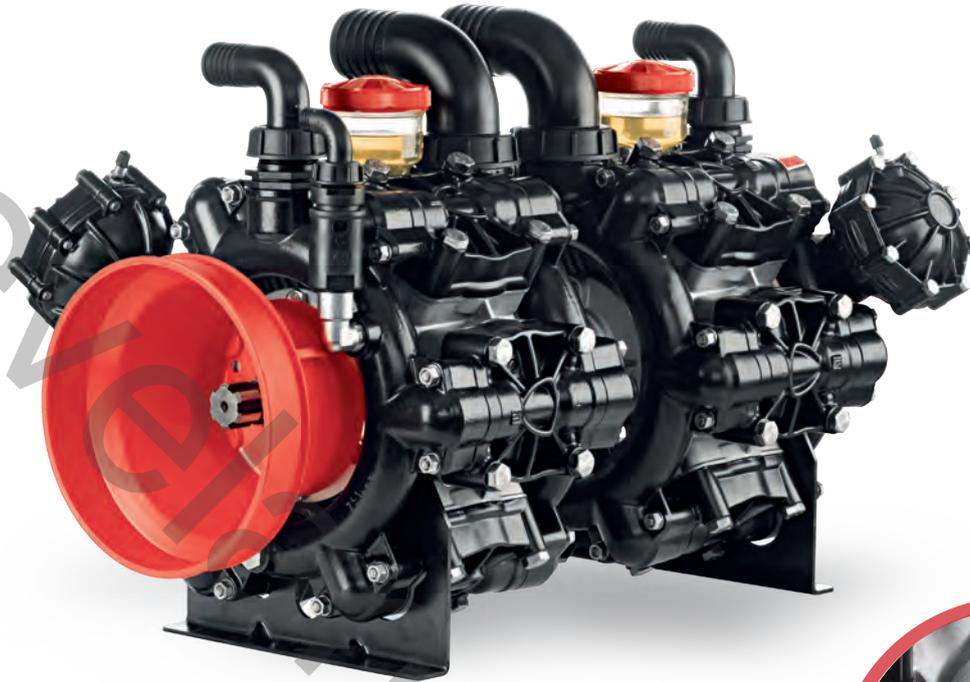
Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head



diserbo
spraying



deicing
deicing



AR 560 bp Twin Top



AP C/C



AP C/F ø 32



Applicazioni / Applications
IDM - IDP > pag.186.

Caratteristiche Generali

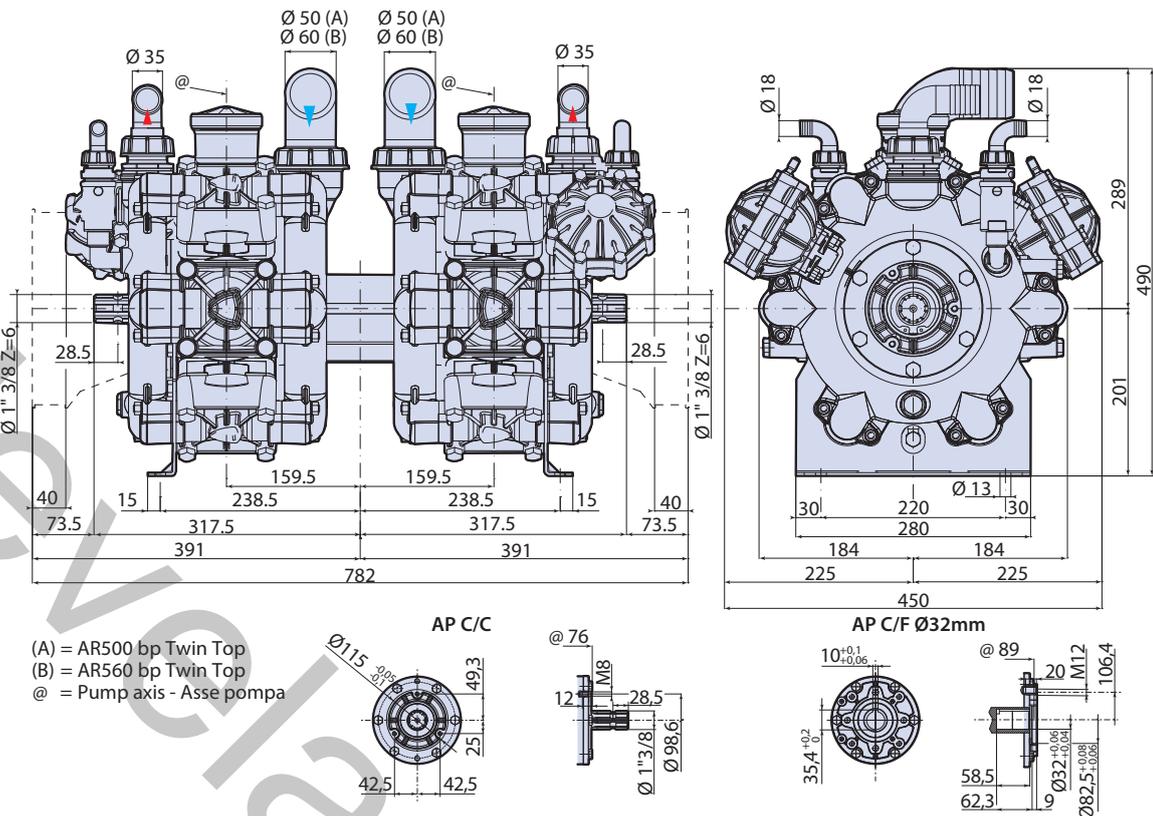
Pompa a sei più sei membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan e AISI 303/304. Membrane in NBR, HPDS, Desmopan, Viton® o **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di valvole di sovrappressione con riarmo, camere aria e cuffia di protezione cardano.

General Features

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

MI 91405
DI 758522

CM 758612
sp_ar500bptwin_top_ar560bptwin_top.pdf



| MOD | COD | MAX | MAX | RPM | °C | °F | NET | | | | | | | | | | |
|---------------------------|-------------|-----|-----|-----|----|-----|-----|-------|----------|-------|-----|-----|-----|-----------|----|----|--|
| | | | | | | | | C/C | C/F Ø 32 | l/min | gpm | bar | psi | N°giri/1' | kg | lb | |
| AR 500 bp AP Twin Top NBR | 1283 1284 | | | | 60 | 140 | 75 | 165,3 | 489,4 | 129,3 | 20 | 290 | 550 | | | | |
| AR 500 bp AP Twin Top B | 32073 32074 | | | | 60 | 140 | 75 | 165,3 | 489,4 | 129,3 | 20 | 290 | 550 | | | | |
| AR 560 bp AP Twin Top NBR | 1287 1288 | | | | 60 | 140 | 75 | 165,3 | 543,2 | 143,5 | 20 | 290 | 550 | | | | |
| AR 560 bp AP Twin Top B | 32077 32078 | | | | 60 | 140 | 75 | 165,3 | 543,2 | 143,5 | 20 | 290 | 550 | | | | |

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 | | |
| AR 500 bp Twin Top | | | | | | | | | | | | | | | |
| 0 | 0 | 365,0 | 96,4 | 1,9 | 409,6 | 108,2 | 2,4 | 451,4 | 119,2 | 3,2 | 489,4 | 129,3 | 4,0 | | |
| 5 | 72 | 356,4 | 94,2 | 5,4 | 397,8 | 105,1 | 6,2 | 438,8 | 115,9 | 7,0 | 476,0 | 125,7 | 7,8 | | |
| 10 | 145 | 346,2 | 91,5 | 6,7 | 392,8 | 103,8 | 10,5 | 427,6 | 113,0 | 11,8 | 462,4 | 122,2 | 13,1 | | |
| 15 | 218 | 340,0 | 89,8 | 13,1 | 383,0 | 101,2 | 15,0 | 419,0 | 110,7 | 16,6 | 454,2 | 120,0 | 18,5 | | |
| 20 | 290 | 335,8 | 88,7 | 17,2 | 378,0 | 99,9 | 19,3 | 413,8 | 109,3 | 21,7 | 446,8 | 118,0 | 23,6 | | |
| AR 560 bp Twin Top | | | | | | | | | | | | | | | |
| 0 | 0 | 395,8 | 104,6 | 2,4 | 441,6 | 116,7 | 3,2 | 490,8 | 129,7 | 4,0 | 543,2 | 143,5 | 6,4 | | |
| 5 | 72 | 387,2 | 102,3 | 5,9 | 432,6 | 114,3 | 7,0 | 478,0 | 126,3 | 7,5 | 538,6 | 142,3 | 9,4 | | |
| 10 | 145 | 374,8 | 99,0 | 10,2 | 426,0 | 112,5 | 11,8 | 469,8 | 124,1 | 12,9 | 531,2 | 140,3 | 14,8 | | |
| 15 | 218 | 369,0 | 97,5 | 14,2 | 419,8 | 110,9 | 16,6 | 459,6 | 121,4 | 18,0 | 523,4 | 138,3 | 20,9 | | |
| 20 | 290 | 363,0 | 95,9 | 18,5 | 414,2 | 109,4 | 21,2 | 448,2 | 118,4 | 23,3 | 511,8 | 135,2 | 26,6 | | |



AR 660 / AR 760 BP BIG TWIN

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head

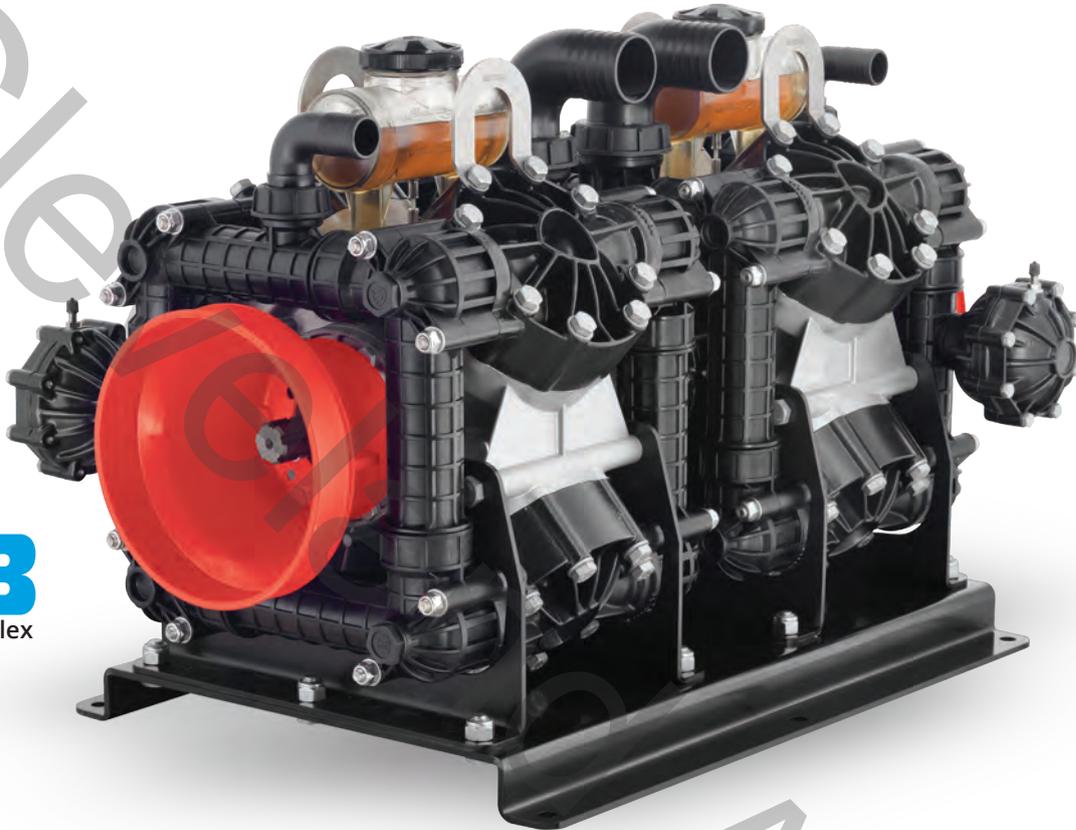
BASSA PRESSIONE
low pressure



diserbo
spraying



deicing
deicing



B
BlueFlex

AR 660 bp Big Twin



Caratteristiche Generali

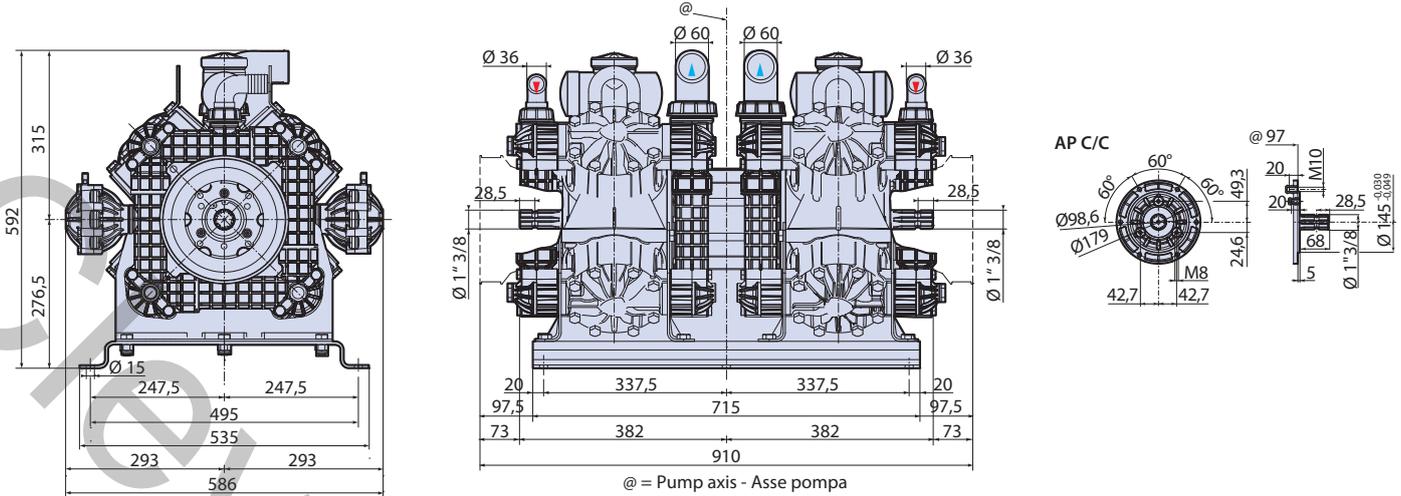
Pompa a quattro piú quattro membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan, Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di camere aria e cuffia di protezione cardano.

General Features

Semi-hydraulic four plus four diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection.



MI 92255
DI 3288504
CM 3048602
sp_ar660_760bp_big_twin.pdf



| MOD | COD |  MAX |  MAX |  RPM |  |  NET | | | | |
|---|-------|---|---|---|---|---|----|-----|-----|-----|
| | C/C | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 660 bp AP Big Twin  | 31312 | 637,6 | 168,4 | 20 | 290 | 550 | 60 | 140 | 145 | 320 |
| AR 760 bp AP Big Twin  | 31313 | 735,4 | 194,2 | 20 | 290 | 550 | 60 | 140 | 145 | 320 |

 **Pompa con Membrane in BlueFlex™**
Pumps with BlueFlex™ 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 660 bp Big Twin | | | | | | | | | | | | | |
| 0 | 0 | 472,5 | 124,8 | 1,7 | 523,6 | 138,3 | 2,4 | 577,8 | 152,6 | 4,6 | 635,8 | 168,0 | 8,0 |
| 5 | 72 | 465,7 | 123,0 | 6,2 | 519,9 | 137,3 | 7,0 | 573,9 | 151,6 | 8,7 | 632,7 | 167,1 | 9,0 |
| 10 | 145 | 461,0 | 121,8 | 11,3 | 510,9 | 135,0 | 12,7 | 570,5 | 150,7 | 15,1 | 627,9 | 165,9 | 16,0 |
| 15 | 218 | 458,1 | 121,0 | 16,5 | 508,1 | 134,2 | 18,6 | 569,6 | 150,5 | 21,4 | 626,4 | 165,5 | 23,2 |
| 20 | 290 | 455,8 | 120,4 | 21,7 | 507,7 | 134,1 | 24,4 | 567,2 | 149,8 | 27,4 | 618,7 | 163,4 | 30,2 |
| AR 760 bp Big Twin | | | | | | | | | | | | | |
| 0 | 0 | 548,0 | 144,8 | 3,2 | 609,8 | 161,1 | 4,3 | 669,0 | 176,7 | 5,6 | 735,4 | 194,3 | 7,2 |
| 5 | 72 | 540,2 | 142,7 | 7,8 | 600,4 | 158,6 | 8,9 | 661,4 | 174,7 | 10,2 | 714,0 | 188,6 | 11,3 |
| 10 | 145 | 536,4 | 141,7 | 13,9 | 600,2 | 158,6 | 15,8 | 660,0 | 174,4 | 17,4 | 710,6 | 187,7 | 19,6 |
| 15 | 218 | 532,2 | 140,6 | 20,1 | 595,8 | 157,4 | 22,8 | 654,4 | 172,9 | 25,2 | 710,4 | 187,7 | 27,6 |
| 20 | 290 | 513,4 | 135,6 | 25,5 | 591,8 | 156,3 | 28,4 | 652,8 | 172,5 | 32,2 | 706,0 | 186,5 | 34,9 |



AR 740 / AR 840 BP BIG TWIN

BASSA PRESSIONE
low pressure

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head



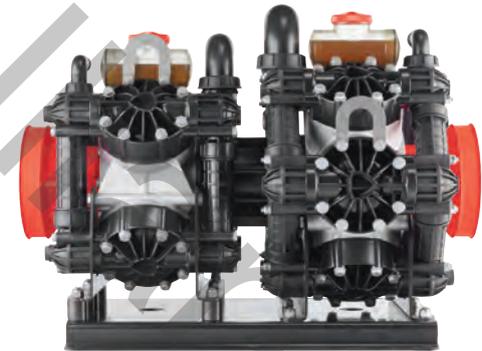
diserbo
spraying



deicing
deicing



AR 840 bp Big Twin



Caratteristiche Generali

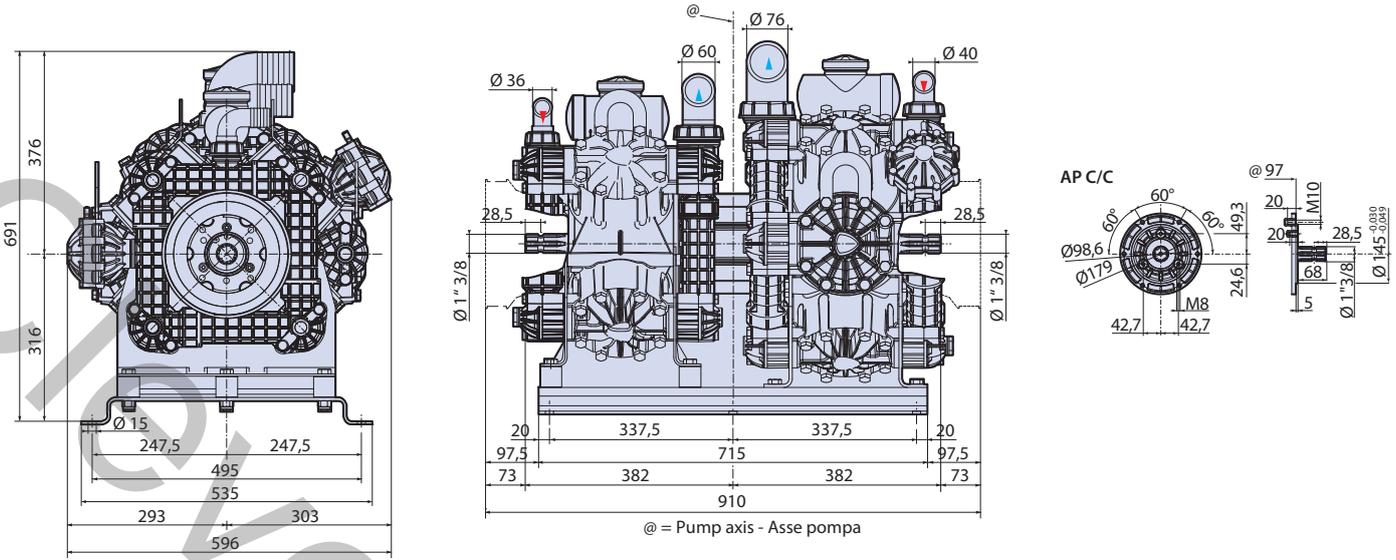
Pompa a quattro più sei membrane semidrauliche. Parti in contatto con i liquidi pompanti in alluminio plastificato Rilsan, Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di camere aria e cuffia di protezione cardano.

General Features

Semi-hydraulic four plus four diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection.



MI 02256
DI 3048506
CM 3048604
sp_ar740_840bp_big_twin.pdf



@ = Pump axis - Asse pompa

| MOD | COD | MAX | MAX | RPM | TEMP | NET | | | | |
|--------------------------------|-------|-------|-------|-----|------|-----------|----|-----|-----|-----|
| | C/C | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 740 bp AP Big Twin B | 31310 | 720 | 190,2 | 20 | 290 | 550 | 60 | 140 | 170 | 375 |
| AR 840 bp AP Big Twin B | 31311 | 818 | 216,1 | 20 | 290 | 550 | 60 | 140 | 170 | 375 |

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

| MAX | | RPM | | | | | | | | | | | |
|---------------------------|-----|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|
| | | 400 | | | 450 | | | 500 | | | 550 | | |
| bar | psi | l/min | gpm | HP |
| AR 740 bp Big Twin | | | | | | | | | | | | | |
| 0 | 0 | 526,1 | 139,0 | 2,7 | 591,3 | 156,2 | 3,6 | 656,3 | 173,4 | 5,5 | 719,1 | 190,0 | 8,0 |
| 5 | 72 | 521,3 | 137,7 | 7,3 | 586,3 | 154,9 | 8,2 | 653,5 | 172,6 | 9,7 | 716,2 | 189,2 | 10,6 |
| 10 | 145 | 518,8 | 137,1 | 13,0 | 578,8 | 152,9 | 14,7 | 648,8 | 171,4 | 16,9 | 709,7 | 187,5 | 18,5 |
| 15 | 218 | 514,1 | 135,8 | 18,9 | 577,1 | 152,5 | 21,4 | 644,9 | 170,4 | 24,2 | 706,4 | 186,6 | 26,5 |
| 20 | 290 | 511,7 | 135,2 | 24,6 | 575,2 | 151,9 | 27,9 | 641,2 | 169,4 | 31,2 | 701,1 | 185,2 | 34,5 |
| AR 840 bp Big Twin | | | | | | | | | | | | | |
| 0 | 0 | 604,3 | 159,6 | 2,8 | 678,8 | 179,3 | 3,8 | 747,2 | 197,4 | 5,0 | 818,0 | 216,1 | 6,4 |
| 5 | 72 | 597,9 | 157,9 | 8,7 | 673,0 | 177,8 | 10,1 | 742,1 | 196,0 | 11,5 | 805,6 | 212,8 | 13,0 |
| 10 | 145 | 594,6 | 157,1 | 15,6 | 668,9 | 176,7 | 17,7 | 741,2 | 195,8 | 19,8 | 802,3 | 211,9 | 22,3 |
| 15 | 218 | 591,8 | 156,3 | 22,3 | 665,8 | 175,9 | 25,3 | 734,6 | 194,1 | 28,3 | 799,2 | 211,1 | 31,2 |
| 20 | 290 | 580,7 | 153,4 | 28,8 | 660,3 | 174,4 | 32,3 | 730,7 | 193,0 | 36,3 | 794,4 | 209,9 | 39,8 |



AR 820 / AR 920 BP BIG TWIN

Testa ALLUMINIO PLASTIFICATO
plastic-coated aluminium head

BASSA PRESSIONE
low pressure



diserbo
spraying

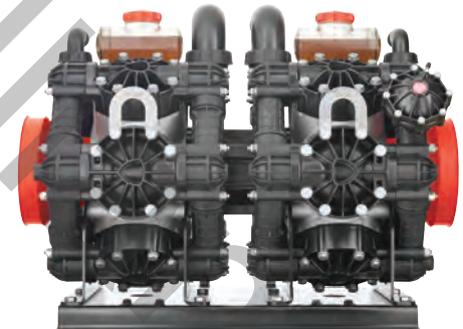


deicing
deicing



AR 920 bp Big Twin

B
BlueFlex



Caratteristiche Generali

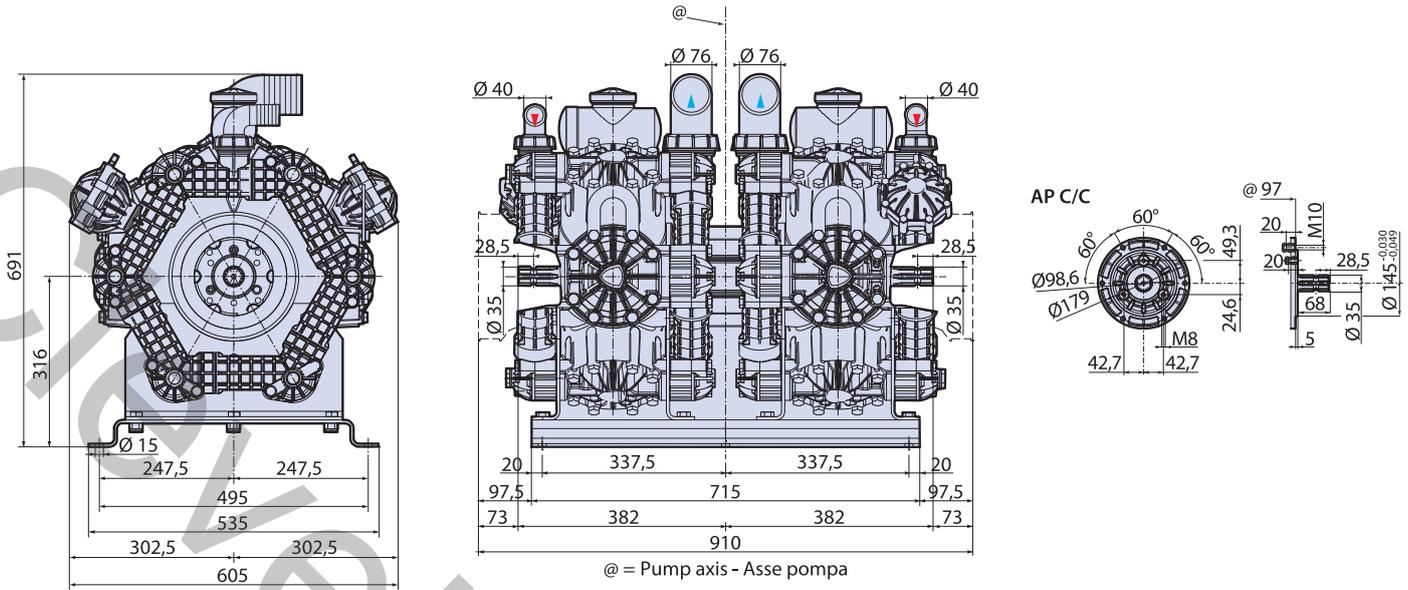
Pompa a sei più sei membrane semidrauliche. Parti in contatto con i liquidi pompati in alluminio plastificato Rilsan, Nylon rinforzato e AISI 303/304. Membrane in NBR o in **BlueFlex™**. Tenute in NBR. Viteria in Geomet. Tappi per drenaggio del liquido dal circuito prima del rimessaggio invernale. Completa di camere aria e cuffia di protezione cardano.

General Features

Semi-hydraulic six plus six diaphragm pump. Parts in contact with pumped liquids in plastic-coated aluminium and AISI 303/304. Diaphragms in NBR or **BlueFlex™**. Seals in NBR. Geomet metal fasteners. Plug for drainage of liquid from the circuit before winter storage. Complete with air chamber and cardan protection.



MI 92257
DI 3048505
CM 3048603
sp_ar820_920bp_big_twin.pdf



| MOD | COD | MAX | MAX | RPM | | NET | | | | |
|--------------------------------|-------|-------|-----|-----|-----|-----------|----|-----|-----|-----|
| | C/C | l/min | gpm | bar | psi | N°giri/1' | °C | °F | kg | lb |
| AR 820 bp AP Big Twin B | 31308 | 802,4 | 212 | 20 | 290 | 550 | 60 | 140 | 182 | 401 |
| AR 920 bp AP Big Twin B | 31309 | 900,6 | 238 | 20 | 290 | 550 | 60 | 140 | 182 | 401 |

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

| MAX | | RPM | | | | | | | | | | | |
|---------------------------|-----|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|
| | | 400 | | | 450 | | | 500 | | | 550 | | |
| bar | psi | l/min | gpm | HP |
| AR 820 bp Big Twin | | | | | | | | | | | | | |
| 0 | 0 | 579,8 | 153,2 | 3,8 | 659,0 | 174,1 | 4,8 | 734,8 | 194,1 | 6,4 | 802,4 | 212,0 | 8,0 |
| 5 | 72 | 576,8 | 152,4 | 8,3 | 652,8 | 172,5 | 9,4 | 733,2 | 193,7 | 10,7 | 799,6 | 211,2 | 12,1 |
| 10 | 145 | 576,6 | 152,3 | 14,8 | 646,6 | 170,8 | 16,6 | 727,0 | 192,1 | 18,8 | 791,6 | 209,1 | 20,9 |
| 15 | 218 | 570,2 | 150,6 | 21,2 | 646,2 | 170,7 | 24,1 | 720,2 | 190,3 | 27,1 | 786,4 | 207,7 | 29,8 |
| 20 | 290 | 567,6 | 149,9 | 27,6 | 642,6 | 169,8 | 31,4 | 715,2 | 188,9 | 35,1 | 783,6 | 207,0 | 38,9 |
| AR 920 bp Big Twin | | | | | | | | | | | | | |
| 0 | 0 | 660,6 | 174,5 | 2,4 | 747,8 | 197,5 | 3,2 | 825,4 | 218,0 | 4,3 | 900,6 | 237,9 | 5,6 |
| 5 | 72 | 655,6 | 173,2 | 9,7 | 745,6 | 197,0 | 11,3 | 822,8 | 217,4 | 12,9 | 897,2 | 237,0 | 14,8 |
| 10 | 145 | 652,8 | 172,5 | 17,2 | 737,6 | 194,9 | 19,6 | 822,4 | 217,3 | 22,3 | 894,0 | 236,2 | 24,9 |
| 15 | 218 | 651,4 | 172,1 | 24,4 | 735,8 | 194,4 | 27,9 | 814,8 | 215,2 | 31,4 | 888,0 | 234,6 | 34,9 |
| 20 | 290 | 648,0 | 171,2 | 32,2 | 728,8 | 192,5 | 36,2 | 808,6 | 213,6 | 40,5 | 882,8 | 233,2 | 44,8 |

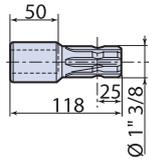


KIT APPLICAZIONI

BASSA PRESSIONE
low pressure

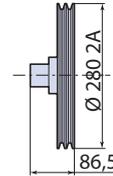
application kits

Kit Appl.C cod.1512



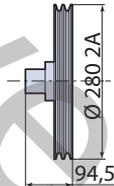
Cardano 1" $\frac{3}{8}$
1" $\frac{3}{8}$ universal shaft

Kit Appl.P cod.31058



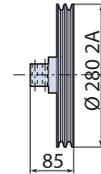
Puleggia 2A ø280mm
Pulley 2A ø280mm

Kit Appl.P cod.55374



Puleggia 2A ø280mm
Pulley 2A ø280mm

Kit Appl.P cod.1514



Puleggia 2A ø280mm
Pulley 2A ø280mm



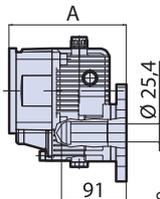
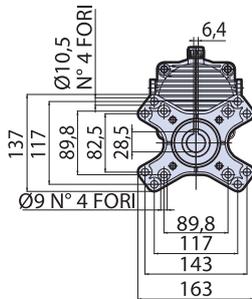
CR 1:5,9 ø1"
cod.1665
cod.31347

Riduttore motori scoppio 4 tempi
flangia SAE J609a.
*Reduction gear for four-stroke engines
w/SAE J609a.*



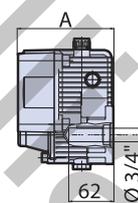
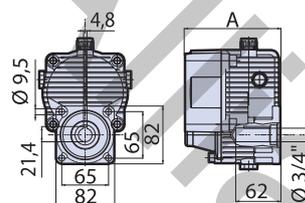
CR 1:5,9 ø3/4"
cod.1671
cod.31185
cod.31118

Riduttore motori scoppio 4 tempi
flangia SAE J609a.
*Reduction gear for four-stroke engines
w/SAE J609a.*



CM 558630
DI 588514

| Cod. | A (mm) |
|-------|--------|
| 1665 | 165 |
| 31347 | 190 |



CM 558505
DI 558514

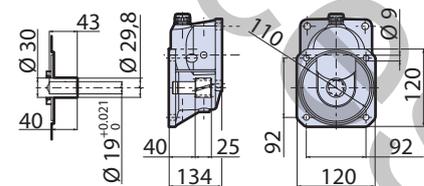
| Cod. | A (mm) |
|-------|--------|
| 1671 | 143 |
| 31185 | 168,5 |
| 31118 | 168,5 |



CR 1:2,85
cod.31171
cod.31186

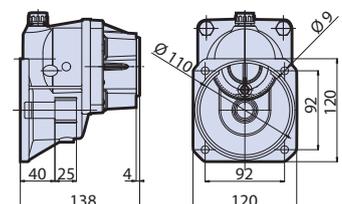
Riduttore motori elettrici 4poli
(1450 rpm)
*Reduction gear for 4-pole electric
motors (1450 rpm)*

cod.31171



CM 3128605

cod.31186



DI 3468501
CM 3468602

I codici si riferiscono al solo kit applicazione, pompa esclusa.
Le applicazioni sono da utilizzare solamente con le opportune
protezioni a tutela dell'operatore.
*The part numbers refer to the application kit only, excluding the
pump. The applications should be used only with the proper protec-
tive equipment for the safety of the operator.*

KIT APPLICAZIONI

BASSA PRESSIONE
low pressure



application kits

Kit Appl. FD (1)



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

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

Kit Appl. IDM/IDP (1)



Cod. vedi pag.186.
Code see page 186.

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

Kit Appl.P cod.1515



Puleggia 4A ø320mm
Pulley 4A ø320mm

(1) Le dimensioni di questi kit applicazione variano a secondo 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.

| Per pompe versione For version pump | | SP · SP/C | | | | | SPxCR | C/F | C/C | |
|--|-----|----------------|----------------|------------------|--------------------------|-------------------|-------------------|-----------------|----------------|----------------------|
| Tipo · Type | | Kit Appl. C | Kit Appl. P | Kit Appl. IDM | Rid. 1:2,85 x EM · ET | Rid. 1:5,9 x S | Rid. 1:5,9 x S | Kit Appl. FD | Kit Appl. P | Kit Appl. IDM-IDP |
| AR 45 bp | LFP | - | cod. 31058 | pag.186 | cod. 31171 | cod.31185 | - | - | - | - |
| AR 80 bp | LFP | - | cod. 31058 | pag. 186 | cod. 31171 | cod.31185 | - | - | - | - |
| AR 70 bp | - | cod. 1512 | cod. 1514 | pag. 186 | - | - | cod. 1671 | - | - | - |
| AR 115 bp | - | cod. 1512 | cod. 1514 | pag. 186 | - | - | cod. 1671/1665 | - | - | - |
| AR 135 bp | - | cod. 1512 | cod. 1514 | pag. 186 | - | - | cod. 1671/1665 | - | - | - |
| AR 120 bp | LFP | - | cod. 55374 | pag. 186 | cod. 31186 | cod.31118/31347 | - | - | - | - |
| AR 140 bp | LFP | - | cod. 55374 | pag. 186 | cod. 31186 | cod.31118/31347 | - | - | - | - |
| AR 125 bp | - | - | - | - | - | - | - | pag. 191 | cod. 1515 | pag. 186 |
| AR 145 bp | - | - | - | - | - | - | - | pag. 191 | cod. 1515 | pag. 186 |
| AR 160 bp | LFP | - | - | - | - | - | - | - | cod. 1515 | pag. 186 |
| AR 185 bp | LFP | - | - | - | - | - | - | - | cod. 1515 | pag. 186 |
| AR 245 bp | LFP | - | - | - | - | - | - | - | - | pag. 186 |
| AR 275 bp | LFP | - | - | - | - | - | - | - | - | pag. 186 |
| AR 215 bp | - | - | - | - | - | - | - | - | - | pag. 186 |
| AR 250 bp | - | - | - | - | - | - | - | - | - | pag. 186 |
| AR 280 bp | - | - | - | - | - | - | - | - | - | pag. 186 |
| AR 330 bp | LFP | - | - | - | - | - | - | - | - | pag. 186 |
| AR 380 bp | LFP | - | - | - | - | - | - | - | - | pag. 186 |
| AR 410 bp | LFP | - | - | - | - | - | - | - | - | pag. 186 |
| AR 460 bp | LFP | - | - | - | - | - | - | - | - | pag. 186 |

