



**Battioni®
Pagani**

Setting the pace since 1953

Predisposition for overpressure valve

Predisposizione per valvola di sovrappressione
Vorbereitung für Überdruckventil

Integrated Air suction filter: filtration in every working condition.

Designed to be operated with cold air and never under pressure: high durability

Filtro integrato in aspirazione: filtrazione in ogni condizione di lavoro.

Operante su aria fredda e mai in pressione: elevata durata

Integrierter Absaugfilter: Filtration in allen

Arbeitsbedingungen ohne Zusatz von Ventilen im System.

Funktioniert mit Hilfe kalter Luft und nie unter Druck: Hohe Lebensdauer

Flow sections designed to minimize load losses and heating

Sezioni di passaggio studiate per minimizzare perdite di carico e riscaldamento

Die Abschnitte wurden so ausgelegt, dass der Druckverlust und die Gefahr der Überhitzung minimiert werden

Painting RAL 7021, resistant to 240 hours corrosion protection – salt- and fog/haze tested

Verniciatura RAL 7021, resistente a 240 ore di esposizione in nebbia salina

Lackierung RAL 7021, beständig gegen 240 Stunden Salz- und Nebeltest

Easy back disassembly

Smontaggio posteriore facilitato

Der Abbau des Hinterteil ist erleichtert

Integrated Gearbox: suitable for agricultural use

Moltiplicatore integrato: adatto ad utilizzo agricolo

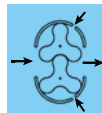
Integrierter Multiplikator: für die landwirtschaftliche Nutzung geeignet



Cooling



**AIR INJECTION
COOLED - ROTARY
LOBE PUMP**



Non-return valve as series
Valvola di non ritorno di serie
Kontrollventil als Serie

Optimized air injection cooling system to limit the temperature: continuous operation

Sistema raffreddamento ad iniezione di aria ottimizzato per contenimento temperature: funzionamento in continuo

Die Luftabkühlung sorgt für niedrige Temperaturen: Dauerbetrieb



Motion transmission and multiplier in the same gearbox to increase the compactness

Trasmissione moto e moltiplicatore in unica scatola per aumentare la compattezza

Die Bewegungsübertragung und der Multiplikator ist in einem Gehäuse um die Kompaktheit zu erhöhen

VERSIONS



AIDA - MA

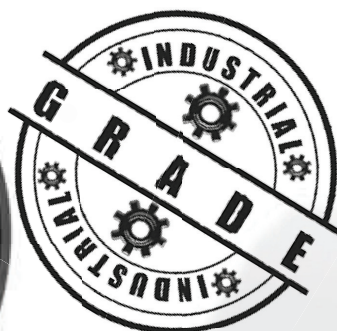


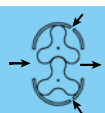
AIDA - P



AIDA - HM

Air injection cooled -
Rotary Lobe pump





AIDA

30000



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AIDA

AIDA does not require either liquid cooling system or lubrication: even the discharged air into the atmosphere is free of pollutants such as oil, resins etc...

The pumping capacity is obtained by an accurate control of clearance between rotors and between each rotor and blower housing: since tolerances are very tight we need to make sure to prevent any external solid element to enter the pumping chamber.

The blower inlet has an internal filter to block all foreign objects that could damage it.
Poppet check valve as series.



VERSIONS

CCW as standard



Version MA

Splined shaft
1"3/8 - Z6 ISO 500

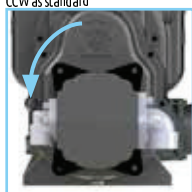
CCW as standard



Version P

Smooth Cylindrical shaft,
Ø 35, lenght 90 mm
Parallel key UNI 6604

CCW as standard



Version HM

Group 4
86,56 cc/rev - Pmax
280 bar - In G 1"1/4 -
Out G 1" 1/2

TECHNICAL DATA

	Geometrical capacity			Max rpm	Max abs pressure Bar (PSI)	Max vacuum % (inHg)	Max continuous vacuum % (inHg)	Power at max vacuum kW (HP)	Weight kg		
	m³/h	l/min	cfm	MA-P-HM					MA	P	HM
AIDA 30000	1785	29750	1051	1200	2 (29)	90 (26,58")	90 (26,58")	41 (55)	313	313	345

OPTIONALS



Hydraulic Changeover

Code 6080200321



Pneumatic Revolving Changeover

Code 6080200322



Silent Block

Code 5060010022



Kit Vacuum Relief Valve

Code 6080200312

NEW



Flushing Kit

Code 6080200325

NEW

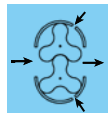


Battioni Pagani Flushing Fluid 5 lt.

Code 5070200102



Customized Painting



ACCESSORIES



Vacuum Relief Valve 1 1/2"

Code 5100200012
Setting range:
-0,3 bar / -0,8 bar
Working temperature:
-20°C / +90°C
Thread: G 1 1/2
Weight: 0,65 kg

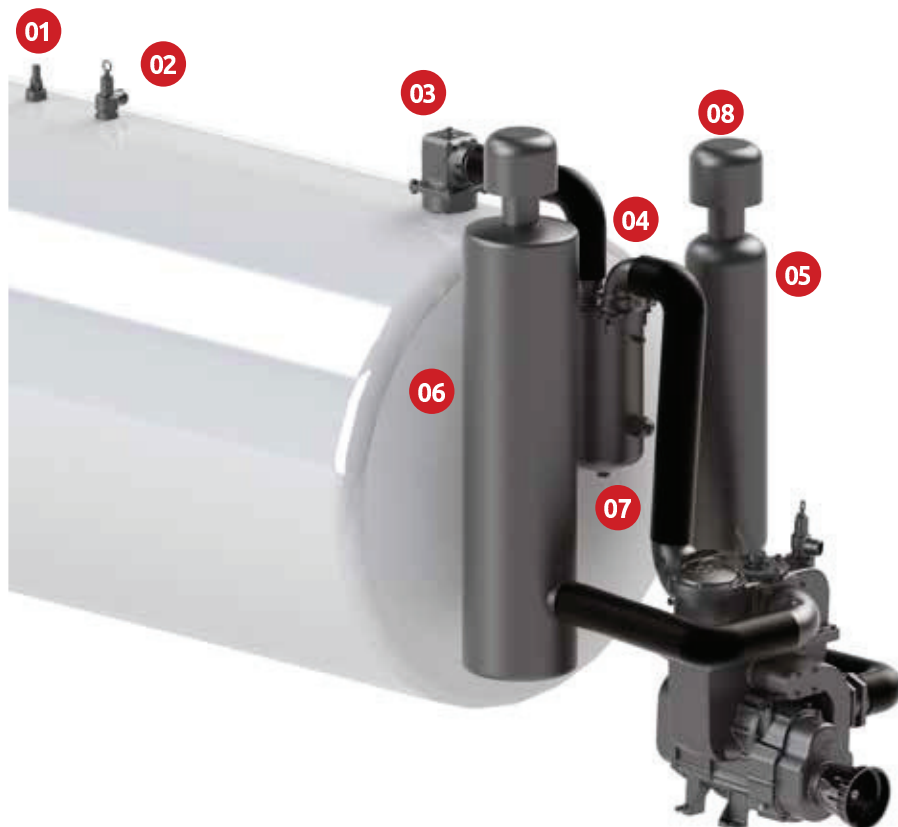


Overpressure Safety Valve - 2"

Code 5100200011
Setting range:
+0,3 bar / +1,5 bar
Working temperature:
-20°C / +90°C
Thread: G 2 1/2
Weight: 1,5 kg



**Pulley with
pneumatic
clutch**
Code
6080200394



Primary Shut-Off Valve Bapag 3300

Code 6100200023
Iron ring to be welded
Housing: Mild Steel
Ball: Stainless Steel AISI 304
Connection: Ø 150 mm
Weight: 26 kg



Primary Shut-Off SS Valve Bapag 3300

Code 6100200031
Stainless ring to be welded
Housing: Stainless Steel
AISI 304
Ball: Stainless Steel AISI 304
Connection: Ø 150 mm
Weight: 26 kg



Discharge valve - 1 1/2"
Code 5040200015
To be fitted on Secondary
valve



Secondary Shut-Off Valve -3300

Code 6100200024
Housing: Galvanized Mild
Steel
Cover: aluminum
Ball: SS AISI 304
Connection: Ø 150 mm
Weight: 55 kg



Air Injection Silencer

Code 5090000095
Hose connection:
Ø 100 mm
Weight: 40 kg
Length: 1400 mm



Rain Cap
Code 5090000062
Ø 100 mm
Weight: 0,4 kg
Code 50900000113
Ø 120 mm
Weight: 0,4 kg



Cyclon valve -3300 SS

Code 6100200032
Housing: SS AISI 304
Cover: aluminum
Ball: SS AISI 304
Connection: Ø 150 mm
Weight: 55 kg



Exhaust Silencer

Code 5090000094
Hose connection: Ø 120 mm
Weight: 45 kg
Length: 1500 mm



**Revolving Elbow
primary-secondary
Shut-Off valve Ø 120**
Code 6080200328

Air injection cooled -
Rotary Lobe pump