



**Battioni®
Pagani**

Setting the pace since 1953

Depression valve on request

Valvola di regolazione vuoto a richiesta
Unterdruckventil auf anfrage

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

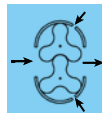


**AIR INJECTION
COOLED - ROTARY
LOBE PUMP**

NEW

AIDA II

16000 - 19000 - 21000 - 26000



● **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 d'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



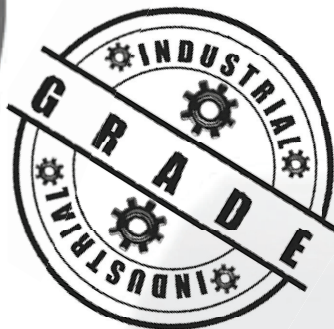
AIDA - P



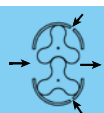
AIDA - HM

Air injection cooled -
Rotary Lobe pump

Oil free



The picture is only for informative purpose.
See the table on page 89 for the complete list of the available optionals.



AIDA II

16000 - 19000 - 21000 - 26000



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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.



VERSIONS

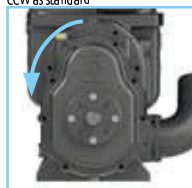
CCW as standard



Version MA

Splined shaft
1"3/8 - Z6 ISO 500

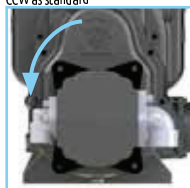
CCW as standard



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 II 16000	960	16000	565	1050	1050	2 (29)	90 (26,58)	90 (26,58)	21 (28,2)	189	189	220
AIDA II 19000	1140	19000	671	1050	1050	2 (29)	90 (26,58)	90 (26,58)	27 (36,2)	189	189	220
AIDA II 21000	1260	21000	741	1050	1050	2 (29)	90 (26,58)	90 (26,58)	31 (41,5)	209	209	240
AIDA II 26000	1560	26000	918	1050	1050	2 (29)	90 (26,58)	90 (26,58)	39 (52,3)	209	209	240

OPTIONALS



Hydraulic Changeover
Code 6080200315



Hydraulic Revolving Changeover
Code 5090000108



Pneumatic Revolving Changeover
Cod. 6080200306



Pneumatic Revolving Changeover - 3 Positions
Code 6080200307



Silent Block
Code 5060010022

NEW



Flushing Kit
Code 6080200325

NEW



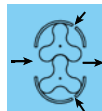
Battioni Pagani Flushing Fluid 5 lt.
Code 5070200102



Kit Overpressure 2"
Code 6080200389



Customized Painting



ACCESSORIES



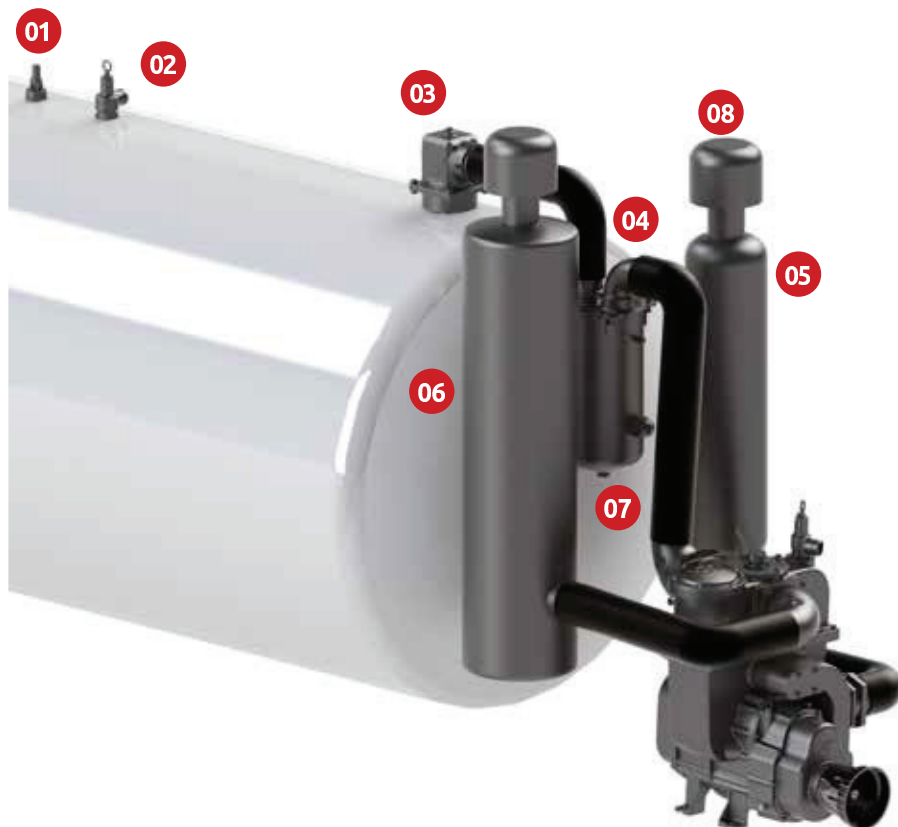
**Vacuum Relief Valve
1 1/2"**
Code 5100200012
Setting range:
-0,3 bar / -0,8 bar
Working temperature:
-20°C / +90°C
Thread: G 1 1/2
Weight: 0,65 kg



**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 5090000113
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