



Battioni®
Pagani

Setting the pace since 1953



Technical Catalogue
Catalogo Tecnico
Technischer Katalog

2020
STAR
60 - 72 - 84



www.bapag.it

rev. 2 del 15/10/2020



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Selector vacuum - pressure
Selettore Vuoto - Pressione
Sélecteur vide-pression

Kit Aluminum Final Air Filter
Kit filtro aria alluminio
Saugfilter Satz

Predisposition for overpressure valve
Predisposizione per valvola di sovrappressione
Vorbereitung für Überdruckventil

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



**Forced lubrication pump as standard
(automatic lubrication on request)**
Pompa di lubrificazione forzata di serie
(lubrificazione automatica a richiesta)
Druckschmierung als Serie (Automatische
Schmierung auf Anfrage)



**High wearing resistance thanks to cast-iron
with high hardness**

Elevata resistenza ad usura grazie a ghisa ad
alta durezza.

Hohe Festigkeit zu Abnutzung für Gußeisen
mit hohe Härte



Cooling



**AIR COOLED
ROTARY VANES
VACUUM/PRESSURE
PUMP**



Depression valve as standard

Valvola di regolazione vuoto di serie
Unterdruckventil als Serie



Blades inspection hole

Foro ispezione palette
Bohrung für Lamellen Prüfung



Rotor with steel pins fixed on it to help maintenance operations

Rotore con perni in acciaio riportati per facilitare interventi di manutenzione
Rotor mit stahl Stifte eingebaut auf Rotor für leichte Unterhaltung



VERSIONS



STAR - M/MA



STAR - P



STAR - D



STAR - H

Steel shafts bolted to the rotor



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



STAR – Power and efficiency

The STAR's rotor has fixed steel pins to grant easy maintenance and significant reduction of maintenance costs.

By wide intake and delivery chambers the STAR pump provides the highest vacuum efficiency. STAR's design features and performances make this pump ideal for more demanding agricultural applications and for septic emptying by medium size tanks.



STANDARD FEATURES

- Double lubrication points, 4-ways valve, check valve, Side outlets with two revolving elbow, Vacuum relief valve
- Thread for Overpressure valve: G 2"
- Available hoses connections: Ø 76 mm (3") / Ø 80 mm / Ø 100 mm (4")

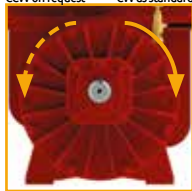
VERSIONS

CCW as standard



Version M - MA
Splined shaft
1"3/8 - Z6 ISO 500

CCW on request CW as standard



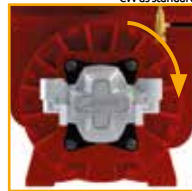
Version P
Smooth Cylindrical shaft,
Ø 40, lenght 90 mm
Parallel key UNI 6604

CCW as standard



Version D
Splined shaft
1"3/8 - Z6 ISO 500

CW as standard



Version H
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	M	MA	P/D/H					M/MA	P	D	H
STAR 60	640,8	10680	377,1	600	1000	1200	2,5 (36)	95% (28,5")	60% (18")	19 (25,5)	209	200	200	236
STAR 72	712,2	11870	419,2	600	1000	1200	2,5 (36)	95% (28,5")	60% (18")	21 (28,2)	221	216	216	252
STAR 84	865,2	14420	509,2	600	1000	1200	2,5 (36)	95% (28,5")	60% (18")	25 (33,5)	250	235	235	272

OPTIONALS



Long Life Blades



Automatic Lubrication
Double lubrication points



Kit Aluminum Final Air Filter 1300 Self-Cleaning
Code 6080200290



Hydraulic Revolving Changeover
Code 5090000078



Pneumatic Revolving Changeover
Code 6080200238



Pneumatic Revolving Changeover - 3 Positions
Code 6080200293



Hydraulic Changeover
Code 6080200176



Flushing Kit
Code 6080200325



Battioni Pagani Vacuum Pump Oil 5 lt.
Code 5070200100



Battioni Pagani Flushing Fluid 5 lt.
Code 5070200102



Customized Painting

OPTIONALS



Pump Controller



Pump Active Controller

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"
Weight: 1,2 kg



Filter-Silencer

Code 5090000025
STAR 60-Ø80
Code 5090000026
STAR 72-84-Ø100
Hose connection:
Ø 80/100 mm
Weight: 9,5/13 kg



Rain Cap

Code 5090000061
STAR 60
Code 5090000062
STAR 72-84
Weight: 0,4 kg



Prefilter for Silencer

Code 5090000046
STAR 60
Code 5090000047
STAR 72-84
Weight: 1,1 kg

Tank with side pipe



Primary Overflow Valve - Two Balls

Code 6100200030 - Ø 76
Code 6100200025 - Ø 80
Code 6100200026 - Ø 100
Iron ring to be welded
Weight: 13,9/14,0 kg



Secondary valve - Two balls

Code 6100200035 - Ø 76
Code 6100200021 - Ø 80
Code 6100200022 - Ø 100
Weight: 35,6 kg



Primary Overflow Valve - One SS Ball

Code 6100200027 - Ø 80 SS
Code 6100200028 - Ø 100 SS
Ball material: AISI 316
Iron ring to be welded
Weight: 13,8/13,9 kg



Discharge valve - 1"

Code 5040200014
To be fitted on Secondary valve



Gauge - Ø 80 mm Axial Connection

Code 5101700007
To be fitted on Secondary valve



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