

STAR

60 - 72 - 84

Technical catalogue
Catalogo tecnico
Technischer Katalog



Battioni®
Pagani

Setting the pace since 1953

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Battioni®
Pagani

Setting the pace since 1953

Kit Aluminum Final Air Filter

Kit filtro aria alluminio
Saugfilter Satz

Selector vacuum - pressure

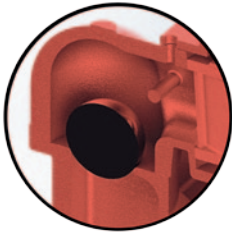
Selettore Vuoto - Pressione
Sélecteur vide-pression

Predisposition for overpressure valve

Predisposizione per valvola di sovrappressione
Vorbereitung für Überdruckventil

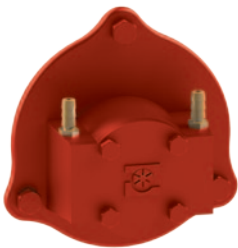
Non-return check valve as standard

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**

Hohe Festigkeit zu Abnutzung für Gußeisen
mit hohe Härte

Hohe Festigkeit zu Abnutzung für
Gußeisen mit hohe Härte



Cooling



AIR COOLED
ROTARY VANES
VACUUM/PRESSURE
PUMP



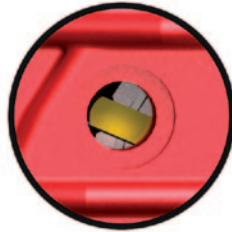
Depression valve as standard

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



STAR - K/KA

Steel shafts bolted to the rotor



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 one 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")

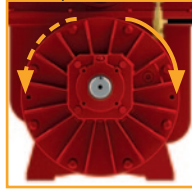
VERSIONS

CCW as standard



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

CCW on request CW as standard



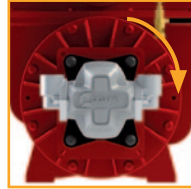
Version P
Smooth Cylindrical shaft,
Ø 40, lenght 90 mm
Parallel key UNI 6604

CCW as standard



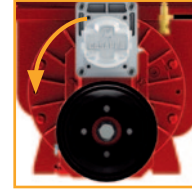
Version D
Splined shaft
1 3/8 - Z6 ISO 500

CW as standard



Version H
Group 4 86.56 cc/rev -
Pmax 280 bar
In G 1 1/4 - Out G 1 1/2

CCW as standard



Version K-KA
Splined shaft
1 3/8 - Z6 ISO 500
Support Gr. 2 or Gr. 3
Hydraulic pump on request

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/K	MA/KA	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	204
STAR 72	712,2	11870	419,2	600	1000	1200	2,5 (36)	95% (28,5")	60% (18")	21 (28,2)	225	216	216	220
STAR 84	865,2	14420	509,2	600	1000	1200	2,5 (36)	95% (28,5")	60% (18")	25 (33,5)	250	241	241	245

OPTIONALS



Long Life Blades



Automatic Lubrication
Double lubrication points



Kit Aluminum Final Air Filter 1300
Code 6080200290



Side Outlet With Two Revolving Elbows



Extra Side Tank
Code 6080200308 (LA)
Code 6080200311 (LF)



EN 707 Lever
Code 6080200163



Hydraulic Revolving Changeover
Code 5090000010



Pneumatic Revolving Changeover
Code 6080200116



Pneumatic Revolving Changeover - 3 Positions
Code 6080200294



Battioni Vacuum Pump Oil
Code 5070200100




Customized Painting




ACCESSORIES

02

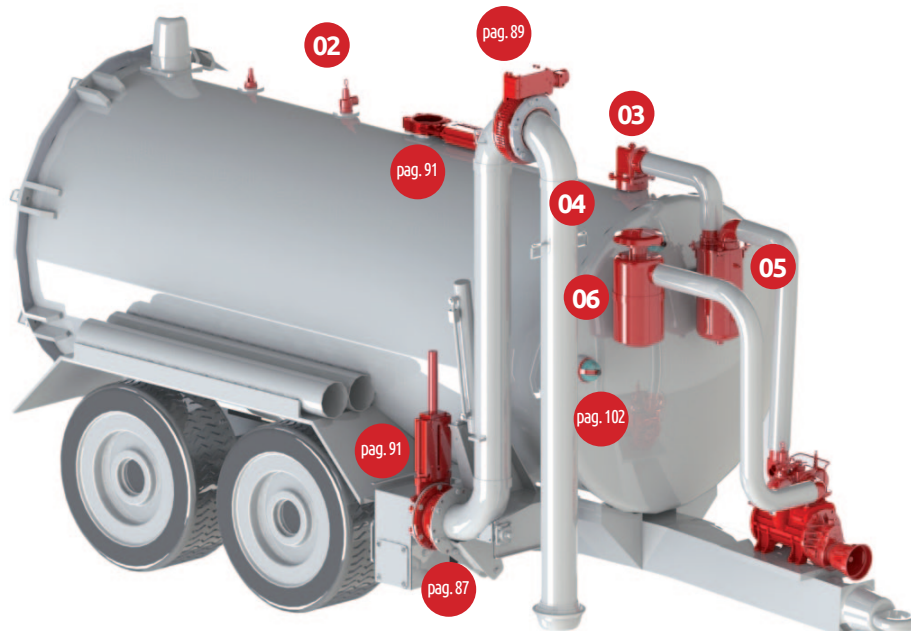


Overpressure Safety Valve - 2"
Code 5100200011
Setting range:
+0,3 bar / +1,5 bar
Working temperature:
-20°C / +90°C
Thread: G 2"
Weight: 1,2 kg

06



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




04A



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

04B



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

Tank with side pipe

03A




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

05



Secondary valve - Two balls
Code 6100200035 - Ø 76
Code 6100200021 - Ø 80
Code 6100200022 - Ø 100
Weight: 35,6/20,5 kg

03B



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

05A



Discharge valve - 1"
Code 5040200014
To be fitted on Secondary valve

05B



Gauge - Ø 80 mm Axial Connection
Code 5101700007
To be fitted on Secondary valve