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Sustainable Solutions for Blasting & Cleaning
Dedicated Line for Professional Blasting Equipment



Blast Wheel BVM 366 by GritSablare

TECHNICAL DETAILS

Section 1. PRODUCT IDENTIFICATION

Product name

Blast Wheel BVM 366 by GritSablare

Distributor:

GritSablare

Headquarter: 10 Eliza Zamfirescu Leonida Street, Bucharest

Storage & Logistic: Constanța Seaport, Gate 2, SORENA Platform, Constanța, Romania

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Section 2. TURBINE'S DESCRIPTION

- High efficiency monowheel BV's turbines mod. BVM 366 are suitable for all shotblasting plants to increase the yield of the treatment.
 - Runner head diameter is 360 mm and is obtained by a singular disk where the components are assembled in easy way.
 - The main feature is a large number six (6) big blades fixed to the disk by means of a quick joint.
 - The shot spread speed is calculated in 82 m/min with RPM 3.000 route/minute.
 - Steel made turbine body finished on CNC machines with all internal wear protection plates made of NI-HARD alloy of easy replacement to warranty a longer protection and duration of the components.
 - Central feeding system with bushing to control the blasting spread direction with easy adjustable device.
 - Direct-coupling electric motors with the runner head and settable by electronic inverter to regulate shot speed and shot flow.
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Section 3. MAIN COMPONENTS

1. Monowheel built in special steel 18NcD5
 2. Nr. 6 big blades with quick joint built in two version: Ni-Hard (CH7) or in alternative Hard Steel K100
 3. Centrifugal force by special cage in two version: Ni-Hard (CH7) or in alternative Hard Steel K100
 4. Distributor settable shot direction in two version: Ni-Hard (CH7) or in alternative Hard Steel K100
 5. Motor power from kW 7,5 up to kW 60.
 6. Speed and shot regulation by electronic inverter (option).
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Section 4. STANDARD MOTOR POWER AND SHOT FLOW CAPACITY

- kW 7,5 - kg/min 140
 - kW 11 - kg/min 180
 - kW 15 - kg/min 240
 - kW 18,5 - kg/min 280
 - kW 22 - kg/min 320
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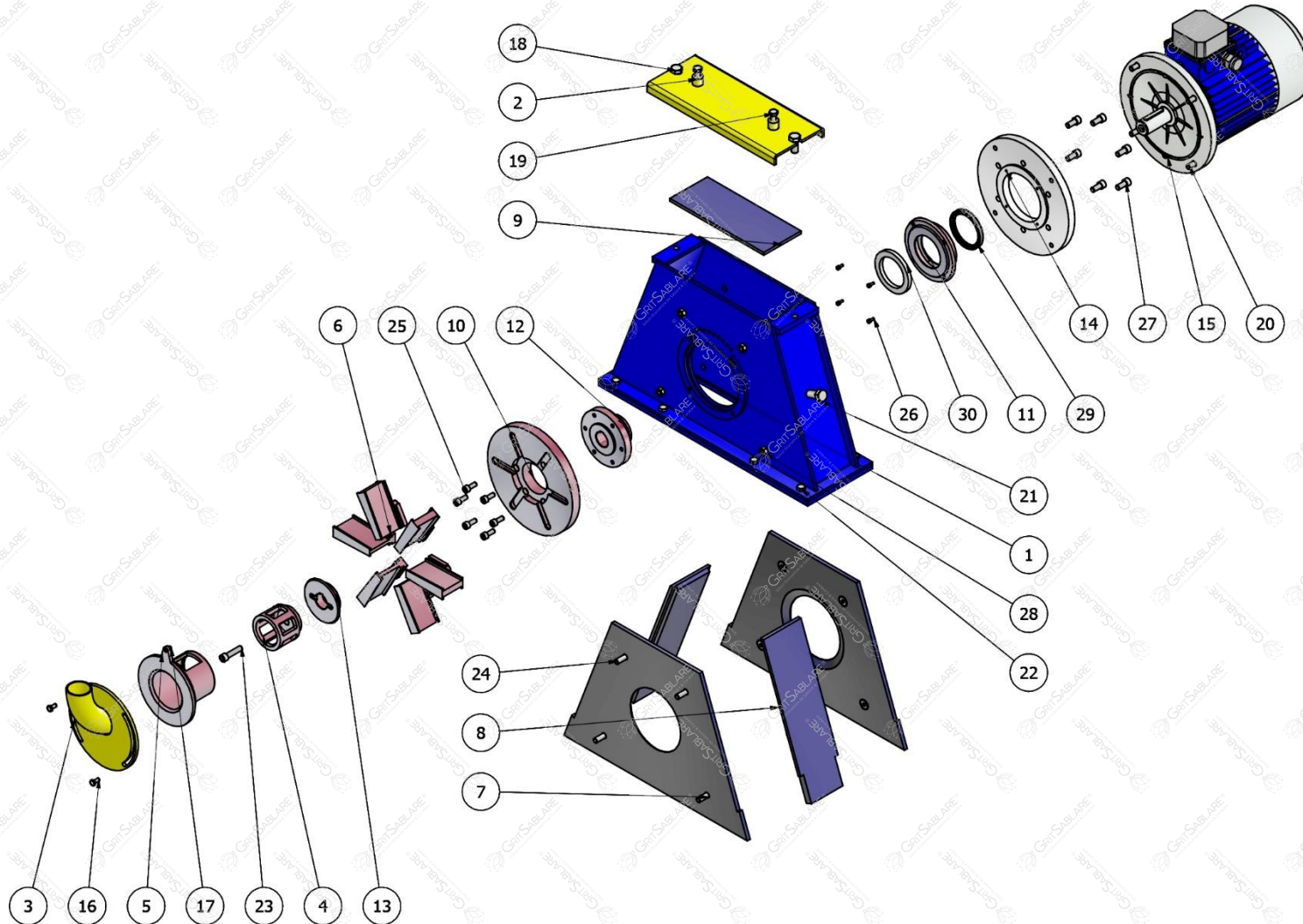


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Section 5. EXPLODED VIEW





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Section 6. PART LIST

Nr	Product code	Buc	Description	Nr	Product code	Buc	Description	Nr	Product code	Buc	Description	Nr	Product code	Buc	Description	Nr	Product code	Buc	Description
1	20120000-003	1	 Turbine body	7	20120000-009	2	 Trapezoidal cover	13	20120000-016	1	 Spacer	19	ISO 4017 - M12 x 60	2	 Bolt	25	ISO 4762 - M10 x 25	6	 Bolt
2	20120000-004	1	 Cover	8	20120000-010	2	 Side cover	14	20120000-018	1	 Pos-1 Motor Flange	20	ISO 4017 - M12 x 40	4	 Bolt	26	ISO 4762 - M5 x 12	4	 Bolt
3	20120000-005	1	 Feed	9	20120000-011	1	 Upside cover	15	T132SIC411B5 30038X80A002 STD	1	 Motor	21	ISO 4017 - M18 x 60	2	 Bolt	27	ISO 4762 - M12 x 25	6	 Bolt
4	20120000-006	1	 Impeller	10	20120000-012	1	 Disc	16	ISO 4017 - M8 x 16	2	 Bolt	22	ISO 4017 - M12 x 25	8	 Bolt	28	ISO 4032 - M12	8	 Nut
5	20120000-007	1	 Impeller house	11	20120000-013	1	 House sealing	17	ISO 4026 - M8 x 16	1	 Bolt	23	ISO 4762 - M12 x 50	1	 Bolt	29	ISO 6194/1 - 80x100x10-Tip o 2	1	 Sealing ring
6	20120000-008	6	 Vane	12	20120000-014	1	 Shaft	18	ISO 4017 - M16 x 35	2	 Bolt	24	ISO 10642 - M12 x 40	8	 Bolt	30	Sealing 80x110x10	1	 Sealing ring