

Medium pressure centrifugal fan. CMR.
Accessories. Aeration Systems

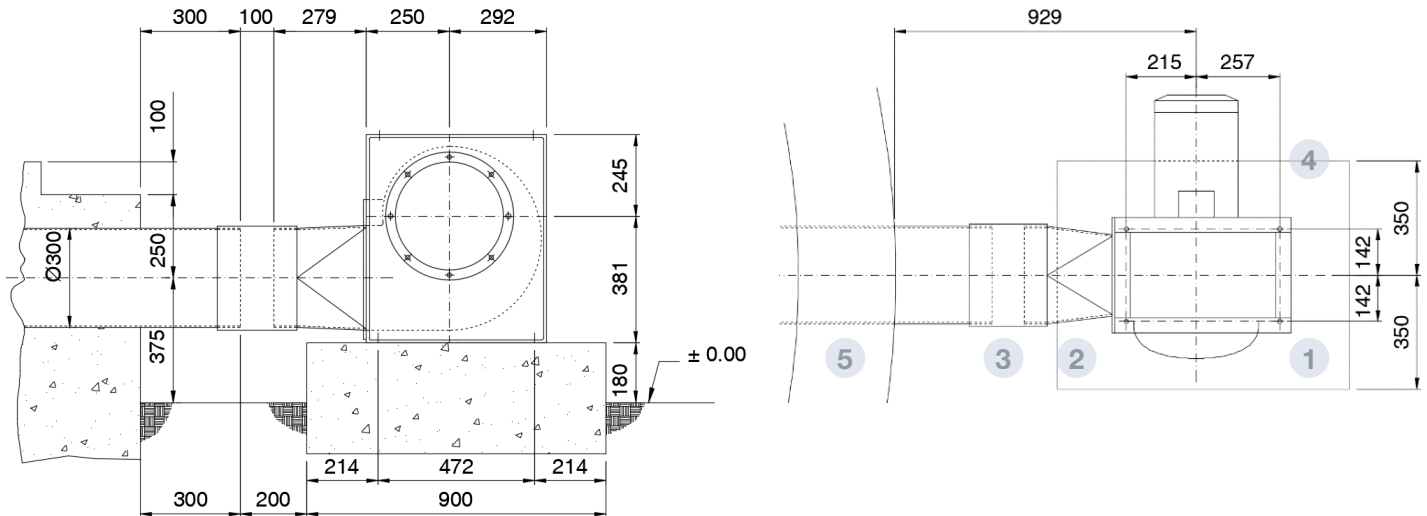
CMR-1031-2T-2HP

ACCESSORIES
AERATION
SYSTEM



FILE 1.1
VERSION 2. 17/06/2021

COD. 30CMR10312



DESCRIPTION

Medium pressure centrifugal fan and single aspiration, big strength, equipped with a turbine.

Anticorrosive finishing process with polymeric polyester resins (190 °C).

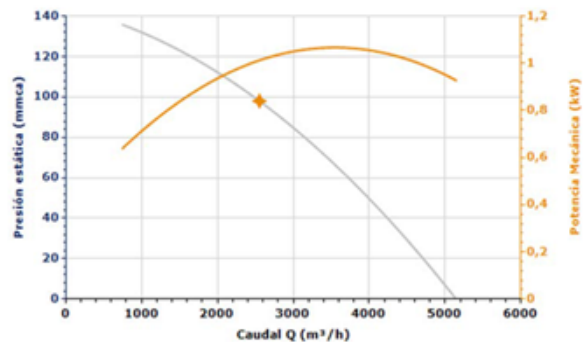
Previously, degreasing nanotechnologist treatment free of phosphates.

Placed at the base of the silo, outside, either connected to the aeration channels, a ventilated cone or a full perforated floor. When the aeration is for a hopper silo, the fan is directly screwed to a hopper sector prepared for it.

TECHNICAL SPECIFICATIONS		MOTOR DATA SHEET	
Performance	54,50%	Nominal Power (kW)	1,5
Performance grade N	64	Hz/phases	50/3
Measurement category	A	Motor (rpm)	2770
Efficiency category	Estático	Poles	2
Specific rate	1,01	Max. Current (A) 230 V	5,34
Flow rate (m ³ /h)	2553	Max. Current. (A) 400 V	3,07
Pressure (mmca)	98	Motor protection	IP55
Electric power (kW)	1,25	Motor chassis size	90
Speed (rpm)	2845	Motor efficiency	IE3
Speed variator	VSD not	Limit air temperatures	-20 °C →
		Max. Flow rate (m ³ /h)	5160
		Speed (rpm)	2875
		Approx. weight. (kg)	48
• Established data in max. Efficiency point.		• Data may change. Please check motor	

PARTS

- 1 FAN
- 2 TRANSITION
- 3 FLEXIBLE CONNECTION
- 4 FAN INLET
- 5 FOUNDATION TUBE (NOT SUPPLIED BY SYMAGA)



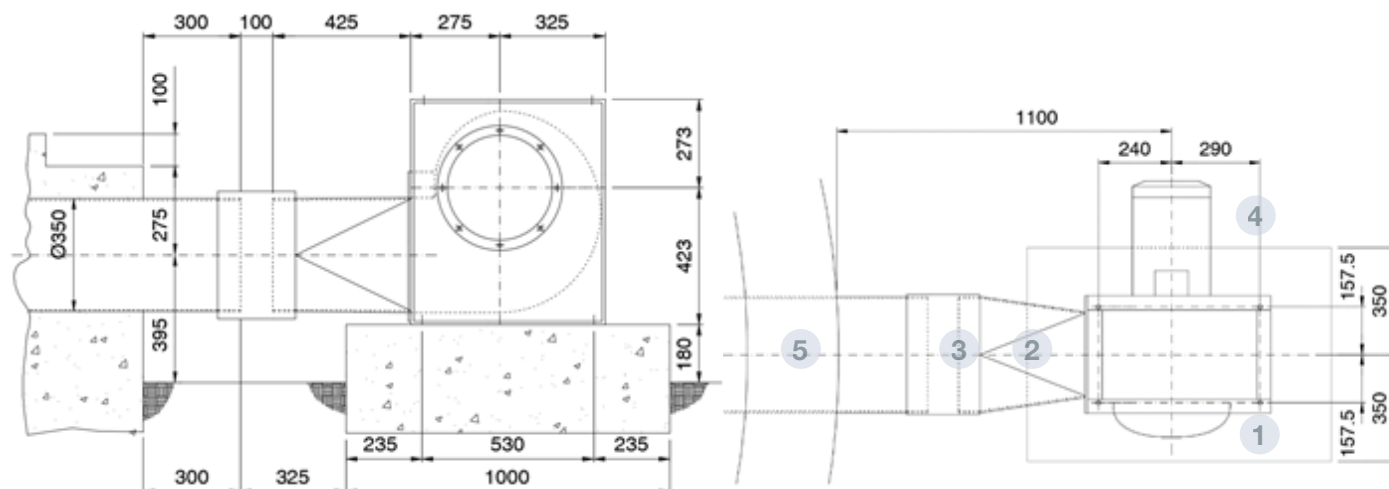
CMR-1135-2T-3HP

ACCESSORIES
AERATION
SYSTEM



FILES 5.39
VERSION 2. 17/06/2021

COD. 30CMR11352



DESCRIPTION

Medium pressure centrifugal fan and single aspiration, big strength, equipped with a turbine.

Anticorrosive finishing process with polymeric polyester resins (190 °C).

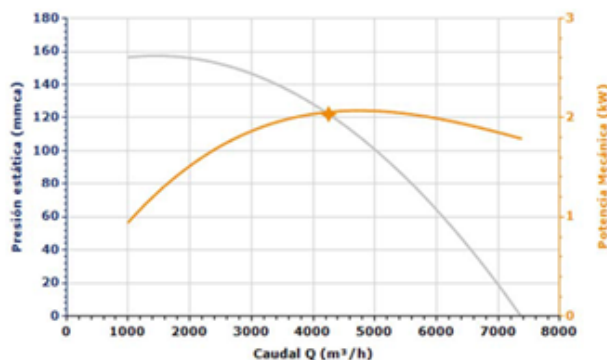
Previously, degreasing nanotechnologist treatment free of phosphates.

Placed at the base of the silo, outside, either connected to the aeration channels, a ventilated cone or a full perforated floor. When the aeration is for a hopper silo, the fan is directly screwed to a hopper sector prepared for it.

TECHNICAL SPECIFICATIONS		MOTOR DATA SHEET	
Performance	57,8%	Nominal Power (kW)	2,20
Performance grade N	64,2	Hz/phases	50/3
Measurement category	A	Motor (rpm)	2885
Efficiency category	Estático	Poles	2
Specific rete	1,01	Max. Current (A) 230 V	7,32
Flow rate (m³/h)	4249	Max. Current. (A) 400 V	4,21
Pressure (mmca)	122,18	Motor protection	IP55
Electric power (kW)	2,45	Motor chassis size	90
Speed (rpm)	2892	Motor efficiency	IE3
Speed variator	VSD not	Limit air temperatures	-20 °C →
		Max. Flow rate (m³/h)	7800
		Speed (rpm)	2910
		Approx. weight. (kg)	59
• Established data in max. Efficiency point.		• Data may change. Please check motor	

PARTS

- 1 FAN
- 2 TRANSITION
- 3 FLEXIBLE CONNECTION
- 4 FAN INLET
- 5 FOUNDATION TUBE (NOT SUPPLIED BY SYMAGA)



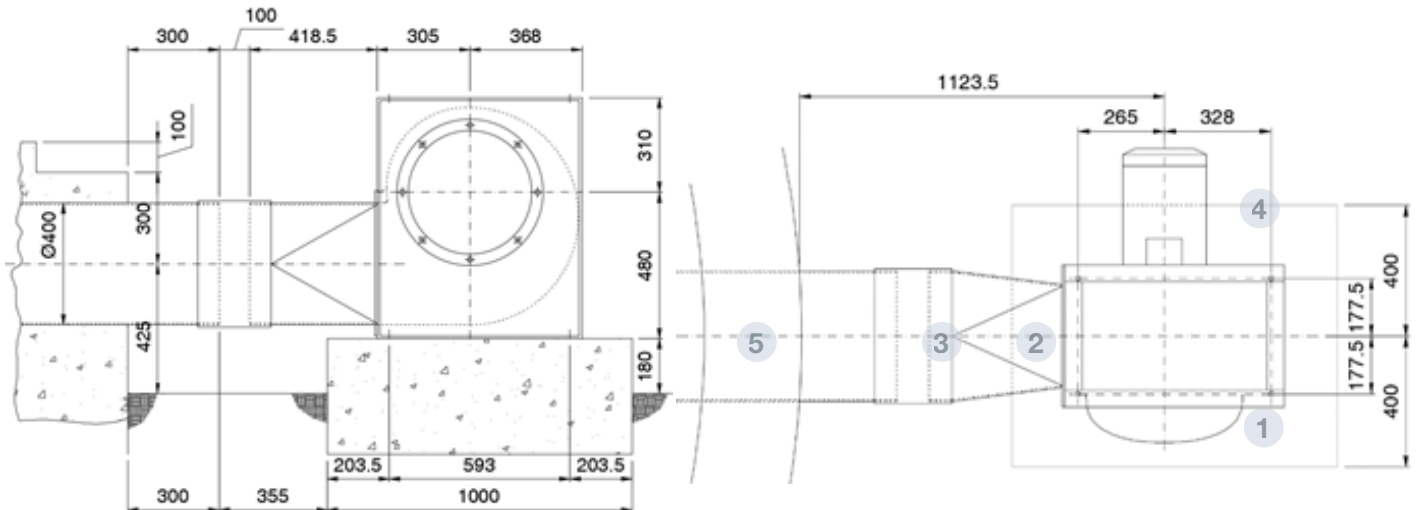
CMR-1240-2T-5,5HP

ACCESSORIES
AERATION
SYSTEM



FILE 5.40
VERSION 2. 17/06/2021

COD. 30CMR12402



DESCRIPTION

Medium pressure centrifugal fan and single aspiration, big strength, equipped with a turbine.

Anticorrosive finishing process with polymeric polyester resins (190 °C).

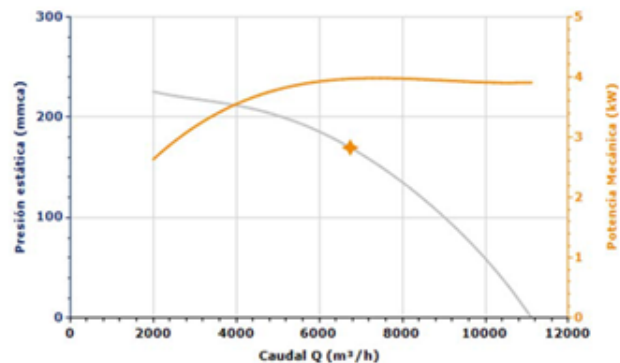
Previously, degreasing nanotechnologist treatment free of phosphates.

Placed at the base of the silo, outside, either connected to the aeration channels, a ventilated cone or a full perforated floor. When the aeration is for a hopper silo, the fan is directly screwed to a hopper sector prepared for it.

TECHNICAL SPECIFICATIONS		MOTOR DATA SHEET	
Performance	67,6%	Nominal Power (kW)	4
Performance grade N	71,1	Hz/phases	50/3
Measurement category	A	Motor (rpm)	2870
Efficiency category	Estático	Poles	2
Specific rate	1,02	Max. Current (A) 230 V	13,00
Flow rate (m ³ /h)	6744	Max. Current. (A) 400 V	7,50
Pressure (mmca)	169,95	Motor protection	IP55
Electric power (kW)	4,62	Motor chassis size	112
Speed (rpm)	2871	Motor efficiency	IE3
Speed variator	VSD not	Limit air temperatures	-20 °C →
		Max. Flow rate (m ³ /h)	11100
		Speed (rpm)	2900
		Approx. weight. (kg)	103
• Established data in max. Efficiency point.		• Data may change. Please check motor	

PARTS

- 1 FAN
- 2 TRANSITION
- 3 FLEXIBLE CONNECTION
- 4 FAN INLET
- 5 FOUNDATION TUBE (NOT SUPPLIED BY SYMAGA)



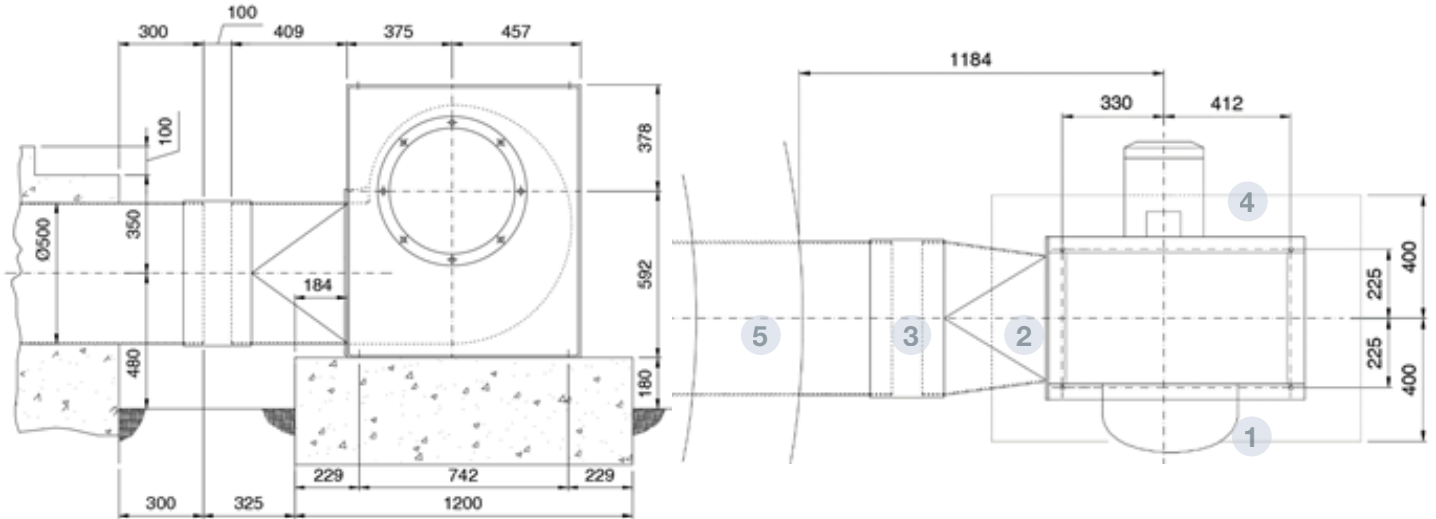
CMR-1650-2T-15HP

ACCESSORIES
AERATION
SYSTEM



FILE 5.42
VERSION 2. 17/06/2021

COD. 30CMR14452



DESCRIPTION

Medium pressure centrifugal fan and single aspiration, big strength, equipped with a turbine.

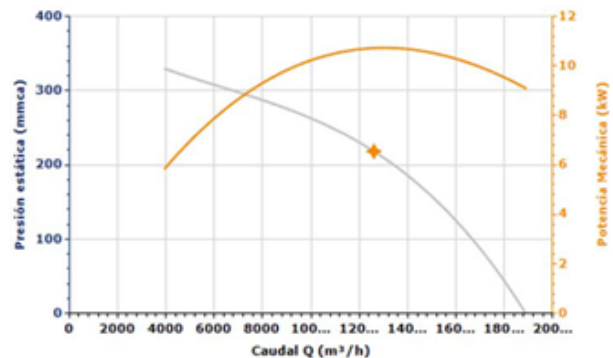
Anticorrosive finishing process with polymeric polyester resins (190 °C).

Previously, degreasing nanotechnologist treatment free of phosphates. Placed at the base of the silo, outside, either connected to the aeration channels, a ventilated cone or a total aeration floor. When the aeration is for a hopper silo, the fan is directly screwed to a hopper sector prepared for it.

TECHNICAL SPECIFICATIONS		MOTOR DATA SHEET	
Performance	67,6%	Nominal Power (kW)	11
Performance grade N	67,5	Hz/phases	50/3
Measurement category	B	Motor (rpm)	2940
Efficiency category	Total	Poles	2
Specific rete	1,02	Max. Current (A) 230 V	20,00
Flow rate (m ³ /h)	12602	Max. Current. (A) 400 V	11,60
Pressure (mmca)	237,31	Motor protection	IP55
Electric power (kW)	12,05	Motor chassis size	160
Speed (rpm)	2941	Motor efficiency	IE3
Speed variator	VSD not	Limit air temperatures	-20 °C →
		Max. Flow rate (m ³ /h)	18850
		Speed (rpm)	2945
		Approx. weight. (kg)	210
• Established data in max. Efficiency point.		• Data may change. Please check motor	

PARTS

- 1 FAN
- 2 TRANSITION
- 3 FLEXIBLE CONNECTION
- 4 FAN INLET
- 5 FOUNDATION TUBE (NOT SUPPLIED BY SYMAGA)



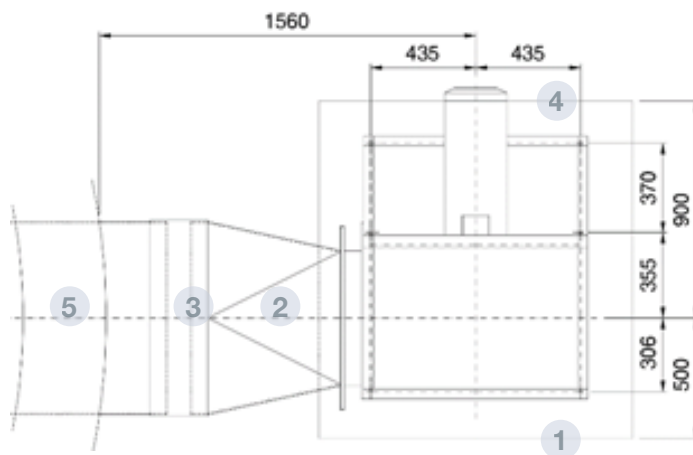
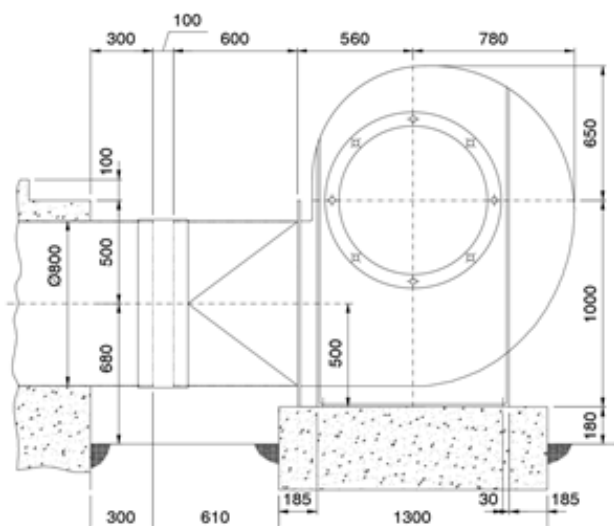
CMR-2380-
800-4T-30HP

ACCESSORIES
AERATION
SYSTEM



FILE 5.43
VERSION 2 17/06/2021

COD. 30CMR23802



DESCRIPTION

Medium pressure centrifugal fan and single aspiration, big strength, equipped with a turbine.

Anticorrosive finishing process with polymeric polyester resins (190 °C).

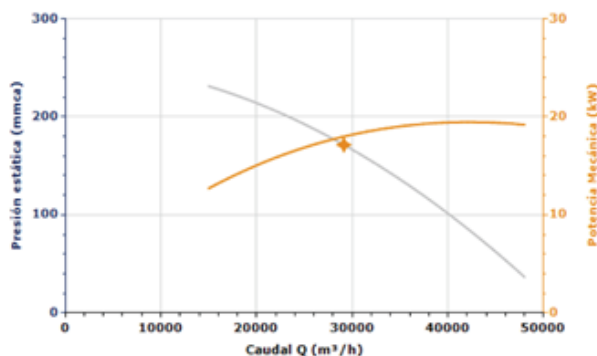
Previously, degreasing nanotechnologist treatment free of phosphates.

Placed at the base of the silo, outside, either connected to the aeration channels, a ventilated cone or a full perforated floor. When the aeration is for a hopper silo, the fan is directly screwed to a hopper sector prepared for it.

TECHNICAL SPECIFICATIONS		MOTOR DATA SHEET	
Performance	78,5%	Nominal Power (kW)	7,50
Performance grade N	77,8	Hz/phases	50/3
Measurement category	B	Motor (rpm)	2870
Efficiency category	Total	Poles	2
Specific rete	1,02	Max. Current (A) 230 V	14,10,00
Flow rate (m ³ /h)	29118	Max. Current. (A) 400 V	8,17
Pressure (mmca)	1871	Motor protection	IP55
Electric power (kW)	19,351	Motor chassis size	132
Speed (rpm)	1475	Motor efficiency	IE3
Speed variator	VSD not	Limit air temperatures	-20 °C →
Erp	2015	Max. Flow rate (m ³ /h)	16500
		Speed (rpm)	2930
		Approx. weight. (kg)	122
• Established data in max. Efficiency point.		• Data may change. Please check motor	

PARTS

- 1 FAN
- 2 TRANSITION
- 3 FLEXIBLE CONNECTION
- 4 FAN INLET
- 5 FOUNDATION TUBE (NOT SUPPLIED BY SYMAGA)





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