

MOTOR AGITATOR ASSEMBLY

Sr. #	Description	Qty	Material
1.	Motor Agitator Assembly with following requirements: i. Speed Knob. ii. Push button for start/stop & E-stop. iii. Volt meter, Ammeter & rpm meter. iv. Encoder for rpm on motor v. Safety limit switch vi. Connection cables	One	SS 304 As per attached specifications No. SPF004-ME001-MS-01/032 Annexure – C & Technical parameters/dimensions shall be as per attached Annexure – D
Manufacturer: Antico Olindo Cesare, (Italy or Equivalent)			

Note:

Please submit check list (**Annexure – B**) along with your quotation after encircling either “Yes” or “No”.

Annexure- **B**

CHECK LIST for Motor Agltator Assembly

1-	All Technical parameters/ dimensions shall be as per attached ANNEXURE-D (02 pages) including control system/ panel with following requirements; i. Speed Knob. ii. Push button for start/ stop & E- stop. iii. Volt meter, Ammeter & rpm meter. iv. Encoder for rpm on motor. v. Safety limit switch. vi. Connection cables.	Yes	No
2-	Documents Required a) Qualification Certificate of Agitator as per requirements above. b) Outline Drawing/ Sketch showing all relevent dimendions/ details. c) All reports shall be in English Language.	Yes	No
3-	Manufacturer: Antico Olindo Cesare (Italy)/ Equivalent	Yes	No

Note:

Please submit this check list along with your quotation, after encircling either "Yes" or "No"

Material Specification

Product: Motor Agitator Assembly
Material: Main manufacturing material shall be SS 304
Technical Requirements: Technical parameters/ dimensions shall be as per attached ANNEXURE.D (02 pages) including control system/ panel with following requirements;
i. Speed Knob.
ii. Push button for start/ stop & E- stop.
iii. Volt meter, Ammeter & rpm meter.
iv. Encoder for rpm on motor.
v. Safety limit switch.
vi. Connection cables.

Manufacturer: Antico Olindo Cesare (Italy)/ Equivalent

Quality:
Motor Agitator Assembly Quantity: 01

Documents Required:

- i) Qualification Certificate of Agitator Assembly as per requirements above.
- ii) Outline drawing/ sketch showing all relevant dimensions/ details.

Note:

All certificates/ documents must be in English Language.

AGITATORS TECHNICAL SPECIFICATION

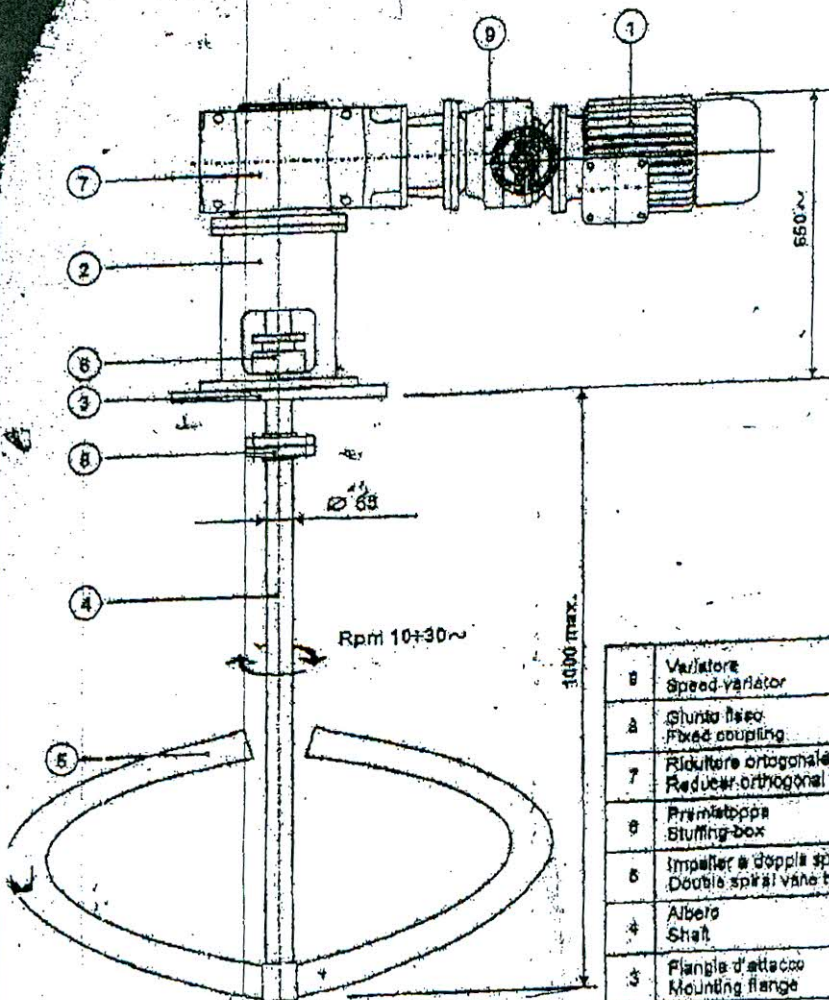
Customer ref.:

Our job n°:

A. AGITATOR FEATURES		F.	Q SHAFT DATA
1	Our type: "AFExdrifa 11/15" N°: 1	31	Diameter mm.: 65
2	Assembly: TCP ENTRY	32	Length from flange axis mm.: 1000 MAX
3	Operation: CONTINUOUS	33	Fixed joint: yes ☒ no ☐
4		34	Bottom steady bearing: yes ☐ no ☒ with bush: yes ☐ no ☒
B. Q MOTOR DATA			
5	Constructive shape: B5 Execution: IP 65	35	Inclination to tank axis: NO
6	Electrical protection: EEX de II CT4	G.	Q STIRRING DEVICE
7	Power KW: 4	36	Impeller type: WITH DOUBLE SPIRAL VANE
8	N° poles: 4 Speed rpm.: 1440	37	Diameter mm.: 500
9	Insulation class: "F"	38	N° blades: 2 Interaxis: //
10	Voltage V: 400 Frequency HZ: 50	39	Stabilization ring: yes ☐ no ☒
11	Rules: IEC Size: 112	40	Rotation speed: 10+30
12	Servo fan cooled yes ☐ no ☒	41	Driver side rotation wise: CW
13	Tropicalized yes ☐ no ☒	42	Mounted Impellers lifting: yes ☐ no ☐
14	Installation: ☐ outdoor ☒ indoor	43	Max absorbed power: 50%
C. Q GEARBOX DATA		H.	Q PECULIAR FEATURES
15	Type: B103 Make: AUCOC	44	Belt transmission: yes ☐ no ☐
16	Ratio: 1/50 Outlet revol.: 10+30	45	Fluid coupling: yes ☐ no ☐
17	AGMA P.S.: 2 ORTHOG. TYPE	46	Torque limiting device: yes ☐ no ☐
18	Motor Gearbox Coupling: yes ☐ no ☐	47	Variator: ☐ mechanical
19	Gearbox Agitator Coupling: yes ☐ no ☐	48	☐ Expanding pulleys ☐ Hydraulic
D. Q SUPPORT DATA		49	Inverter: YES
20	Guide bearing: yes ☐ no ☐	L.	Q MAIN MANUFACTURING MATERIALS
21	Thrust bearing: yes ☒ no ☐	50	Shaft: S.S. SA479-304 ROLLED
22	Lantern: ☐ casting ☒ compound	51	Impeller: S.S. SA479-304 ROLLED
23	Flange: NOLD - DY 250	52	Coupling flange: S.S. SA479-304 LINED
	Drilling: PN6 LUNZ 2276	53	Tackling: PTFE
E. Q SHAFT DATA		54	Fixed joint: S.S. SA479 - 304
24	☐ Mechanical ☒ Packing	55	
25	☐ Ring protection ☐ none	56	
26	Type:		
27	☐ Bush ☐ Shaft coating:		
	☐ SHUT OFF DEVICE		
28	☐ lubrication ☐ washing	Total weight Kg.: 252	
29	☐ cooling ☐ flushing		
30	☐ Seal pot		

ANNEXURE-D

TYPICAL SKETCH



1	Motore elettrico Electric Motor	1
2	Lanterna Lantern	1
3	Flangia d'attacco Mounting flange	1
4	Albero Shaft	1
5	Impeller a doppia spirale Double spiral vane type impeller	1
6	Premiatoppa Stuffing-box	1
7	Riduttore ortogonale Reducer orthogonal model	1
8	Giunto fisso Fixed coupling	1
9	Variatore Speed variator	1

Pos.	Descrizione / Description	Quant.
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AGITATORE tipo / AGITATOR type

AFEzrbfo 11/15

