FLOCCULATORS

FAR & FAV SERIES

(High efficiency Flocculation)

FAV

FAR

FAR-V series are gear drive fixed speed mixers equipped with a high flow / ratio triple blade propeller which maximizes flow with very low rotation speed, optimizing flocculation processes.

Helical gears are selected consider high service factors far beyond AGMA requirements for long service life, their simple and compact design provides dependable operation.

FAV series provides speed regulation by programmed electronic variator.



TECHNICAL FEATURES

Gear drive.
Rotation speed from 2 to 40 rpm.
Electronic speed variator.
Rigid coupling.
Solid bar or pipe shaft.
Triple blade propeller T25.

OPERATIONAL LIMITS

Flow speed < 0,4 m/s
Peripheral speed < 1,5 m/s
They can be operated with empty tank or during draining.

FEEDING

Three phase motors.
Power > 0,18 kW
Motors can be selected to suit legislative and regional requirements included Atex.

WETTED PARTS MATERIAL

Carbon steel epoxy coated.
Stainless steel AISI304 & AISI316.
Special alloys.

* TIMSA mixers are designed to work 24 hours per day. Seven days a week.

* We recognize the importance of material traceability and can provide a quality documentation package with the mixer. We can include CE Conformity, FDA Conformity, Quality Plan, 3.1 Construction materials certificates and Surface Finish Certificates.

OPTIONS

Special protection against dust and water.
Speed shifter.
Rubber liner.
Wetted parts ebonite coated.

APPLICATIONS

Flocculation.
Recirculation in high-rated solids contact clarification systems.



TIMSA® MIXING TECHNOLOGY

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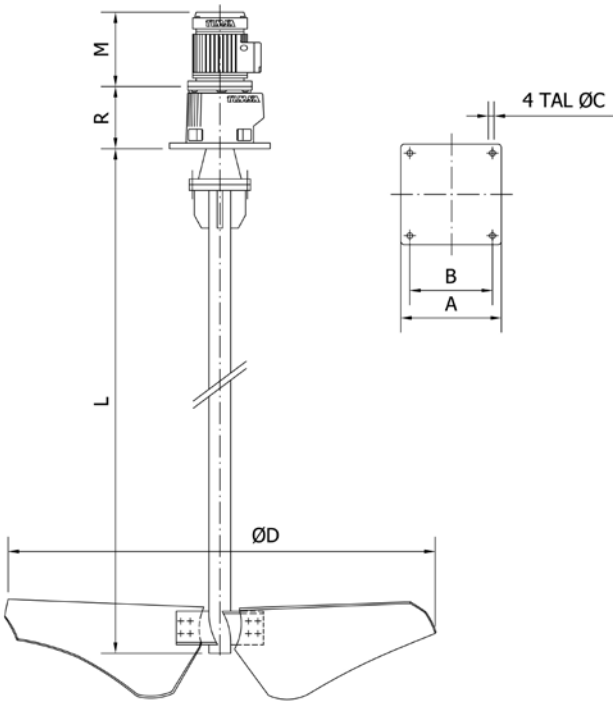
FLOCCULATORS

FAR-V SERIES

(Flocculation- Recirculation)

FAV

Model	kW	Rpm	L (mm)	D (mm)
FAV-02 12 C 01	0,25	16-80,1	1.500	400
FAV-02 11 C 03	0,25	10,5-52,7	1.700	600
FAV-02 10 C 05	0,25	8,5-42,3	2.000	800
FAV-03 09 C 07	0,37	6,1-32,5	2.500	1.000
FAV-04 08 C 08	0,55	4,3-21,7	2.500	1.200
FAV-04 07 C 09	0,55	3,9-19,7	3.000	1.400
FAV-04 07 C 10	0,55	3,6-18,2	3.000	1.600
FAV-05 06 C 11	0,75	2,8-13,9	3.000	1.800
FAV-06 06 C 12	1,1	2,9-13,9	3.500	2.000
FAV-07 05 C 13	1,5	2,1-10,4	4.000	2.500
FAV-08 05 C 14	2,2	2,1-10,4	4.500	3.000
FAV-09 04 C 15	3	1,5-7,6	5.000	3.500
FAV-10 04 C 16	4	1,4-7,4	5.500	4.000



Mounting flange	A (mm)	B (mm)	C (mm)
FAV-02 12 C 01	280	230	16
FAV-02 12 C 01	280	230	16
FAV-02 07 C 09	300	250	16
FAV-04 07 C 10	300	250	16
FAV-06 06 C 12	400	350	18
FAV-07 05 C 13	520	460	24
FAV-08 05 C 14	620	560	26
FAV-09 05 C 15	620	560	26
FAV-10 03 C 17	850	750	30



FAV with electronic variator.

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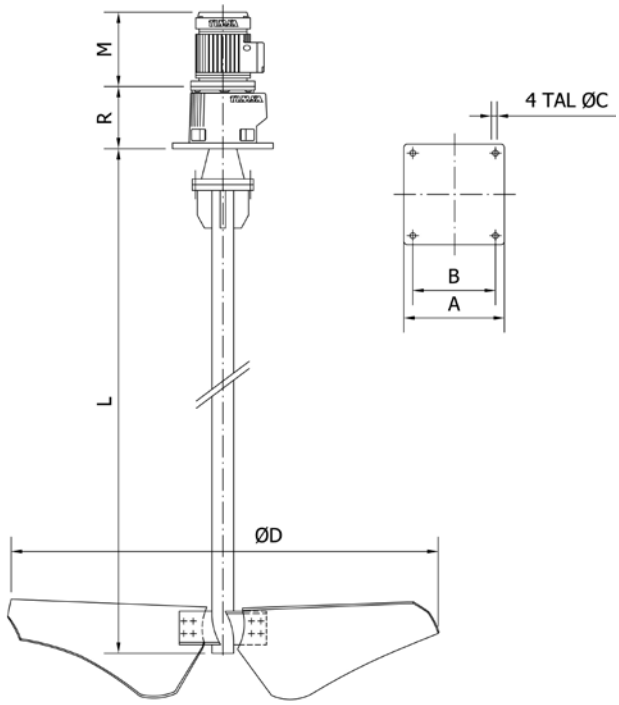
FLOCCULATORS

FAR-V SERIES

(Flocculation- Recirculation)

FAV

Model	kW	Rpm	L (mm)	D (mm)
FAR-02 10 C 01	0,25	42	1.500	400
FAR-02 09 C 03	0,25	30	1.700	600
FAR-02 07 C 05	0,25	20	2.000	800
FAR-02 07 C 07	0,25	20	2.500	1.000
FAR-02 06 C 08	0,25	14	2.500	1.200
FAR-02 06 C 09	0,25	14	3.000	1.400
FAR-02 05 C 10	0,25	10	3.000	1.600
FAR-02 05 C 11	0,25	10	3.000	1.800
FAR-02 04 C 12	0,25	8	3.500	2.000
FAR-03 04 C 13	0,37	8	4.000	2.500
FAR-03 03 C 14	0,37	6	4.500	3.000
FAR-05 03 C 15	0,75	6	5.000	3.500
FAR-06 02 C 16	1,1	4	5.500	4.000



Mounting flange	A (mm)	B (mm)	C (mm)
FAR-V-01 10 C 03	280	230	16
FAR-V-01 09 C 05	280	230	16
FAR-V-02 07 C 09	300	250	16
FAR-V-04 07 C 10	300	250	16
FAR-V-06 06 C 12	400	350	18
FAR-V-07 05 C 13	520	460	24
FAR-V-08 05 C 14	620	560	26
FAR-V-09 05 C 15	620	560	26
FAR-V-10 03 C 17	850	750	30

* Most frequent assemblies. Your TIMSA sales engineer is available to discuss the specific details of your application to make sure the optimum mixer is selected for your needs.

* Design features, materials of construction and dimensional data as described in this bulleting are provided for your information only and subject to change without previous notice.

* For more information go to **www.timsa.com**

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