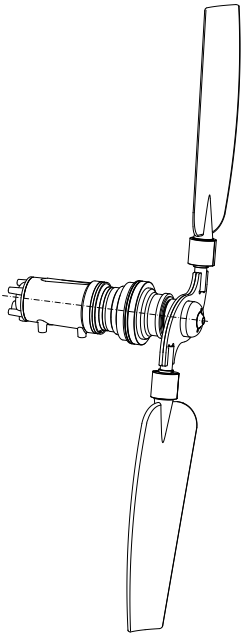


AF 1,5/6
AF 2,2/6
AF 3/4
AF 4/4
AF 5,5/4N



Caratteristiche motori trifase - 50 Hz - Alimentazione 400 V ±10% 50 Hz - Three-phase - Motor features - Voltage rating 400 V ±10% Caracteristiques des moteurs triphases - 50 Hz - Alimentation 400 V ±10%									
Tipo Type Type	Potenza motore Motor rating Puissance moteur	Avvolgimenti Windings Bobinages	Assorbimento Absorption Intensité	Velocità Speed Vitesse	Cavo alimentazione Feeding cable Cable d'alimentation			Avviamento Start Démarrage	
					Quantità Quantity Quantité	Conduttori cavo x sezione Wires x size Conducteurs câble à section	Lunghezza Length Longueur	Diretto Direct Direct	△ △
	[kW]	[V]	[A (400V)]	RPM	n°	n° x [mm²]	[m]		
AF 1,5/6	1,5	230-400	4,2	925	1	9x1,5	10	△	
AF 2,2/6	2,2		5,7	940					
AF 3/4	3		6,4	1420					
AF 4/4	4	400-690	9,1	1405		9x2,5		△	△ △
AF 5,5/4N	5,5		11,4	1430					

CARATTERISTICHE STANDARD
Motori elettrici asincroni trifase con rotore a gabbia di scoiattolo.
N°2 sonde termiche inserite nell'avvolgimento statorico.
Grado di protezione "IP 68".
Isolamento classe "H".
Max profondità immersione 20 m.
Max contenuto sostanze solide in sospensione 8%.
Cavo sommergibile in neoprene H07-RN-F.
pH liquido 5 ÷ 12.
Max temperatura del liquido pompato 40°C.
Servizio continuo.
Idoneo all'utilizzo con convertitore di frequenza (inverter).

STANDARD FEATURES
Asynchronous three phase electric motors with squirrel cage rotor.
N°2 thermic probes installed in the stator winding.
"IP 68" Protection.
"H" class insulation.
Max submergence depth: 20 m.
Max solid content in the liquid: 8%.
Submersible H07-RN-F neoprene cable.
Liquids pH 5 ÷ 12.
Max temperature of pumped liquid: 40°C.
Continuous service.
Suitable for use with inverter.

CARACTERISTIQUES STANDARD
Moteurs électriques asynchrones triphasés, rotor à cage d'écureuil.
N°2 sondes thermiques incorporées dans l'enroulement du stator.
Degré de protection "IP 68".
Isolement classe "H".
Max profondeur d'immersion 20 m.
Max contenu de substance solides en suspension 8%.
Max pH du liquide à relever 5 ÷ 12.
Câble immergé en néoprène H07-RN-F.
Max température du liquide pompé 40°C.
Service continu.
Adaptés pour l'utilisation avec variateur de fréquence (inverseur).

CARATTERISTICHE TECNICHE
Elica a pale registrabili
Riduttore epicicloidale a due stadi in bagno d'olio
Pale in poliammide e fibra di vetro
Mozzo elica acciaio inox
Carcassa motore e riduttore in ghisa
Viti e sistema di sollevamento in acciaio inox
Separazione galvanica dei componenti

TECHNICAL FEATURES
Adjustable propeller blades
Two step planetary gearbox, oil filled
Polyamide and fibreglass blades
Propeller hub in stainless steel
Motor housing and planetary gear in cast iron
Bolts/Nuts and motor bracket in stainless steel
Galvanic separation of all built-in parts

CARACTERISTIQUES TECHNIQUES
Helice à aubes réglables
Réducteur épicycloïdal à bain d'huile
Pales en polyamide et fibres de verre
Moyeu de l'hélice en acier inox
Carcasse moteur et réducteur en fonte
Visserie et système de relevage en acier inox
Séparation galvanique des composants

APPLICAZIONI
Vasche di nitrificazione/denitrificazione
Vasche di trattamento fanghi attivi
Vasche di clorazione
Miscelazioni industriali

APPLICATIONS
Nitrification/De-nitrification tanks
Sludge treatment tanks
Chlorination tanks
Industrial mixing

APPLICATIONS
Bassin de nitrification/dénitrification
Bassin de traitement des boues activées
Bassin de chloration
Mélange industriel

Caratteristiche miscelatore - Mixer characteristics - Caracteristiques melangeur					
Tipo Type Type	N° Pale N° Blades N° Pales	Pale Blades Pales	Velocità Speed Vitesse	Portata Capacity Débit	Spinta ass. * Axial force * Poussée axi. *
		Ø			
		[mm]	RPM	[m³/h]	[N]
AF 1,5/6	2	2280	32,3	11490	1226
AF 2,2/6			31,9	13594	1716
AF 3/4	34,1		14716	2011	
AF 4/4	33,7		16250	2452	
AF 5,5/4N	34,4		17803	2943	

* Valori ricavati in accordo alla ISO 21630

* Values according to ISO 21630

* Les valeurs obtenues sont conformes à l'ISO 21630

Diagramma prestazioni

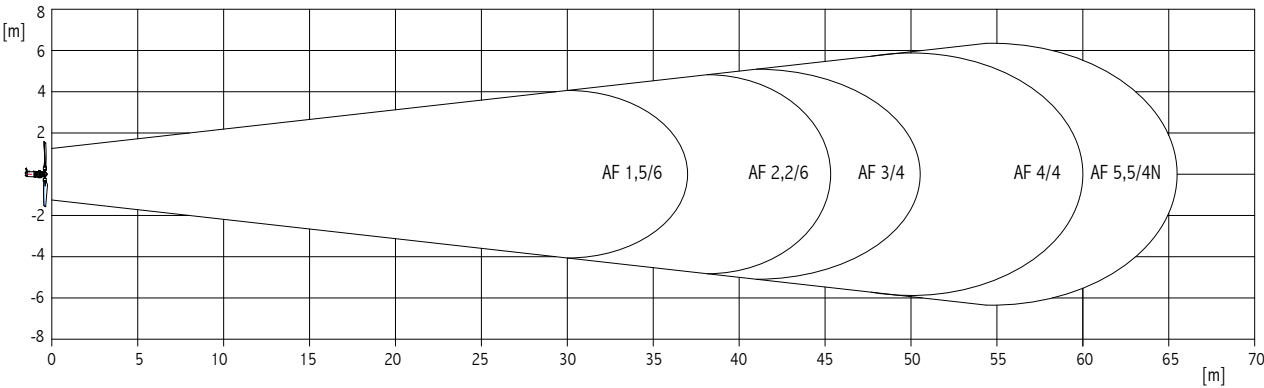
Estensione flusso per v = 0,3 m/s in acqua pulita

Performance diagram

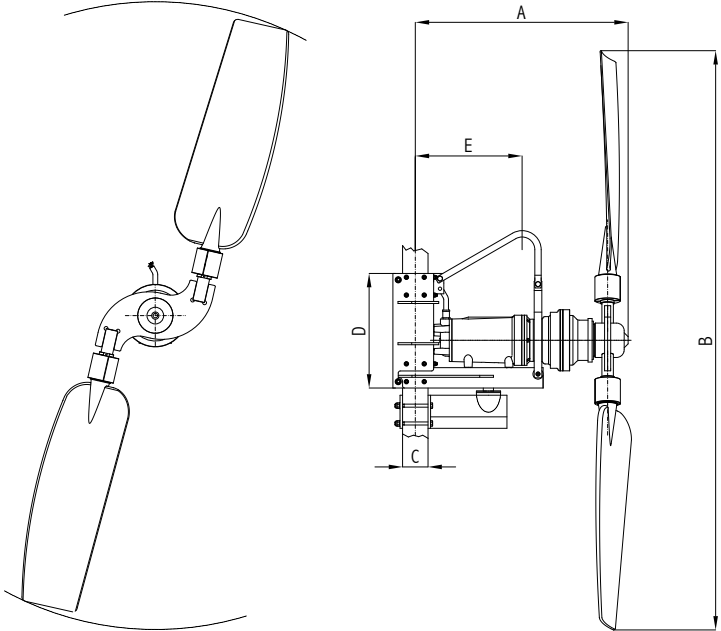
Flow extension for speed v = 0,3 m/s in clean water

Diagramme performance

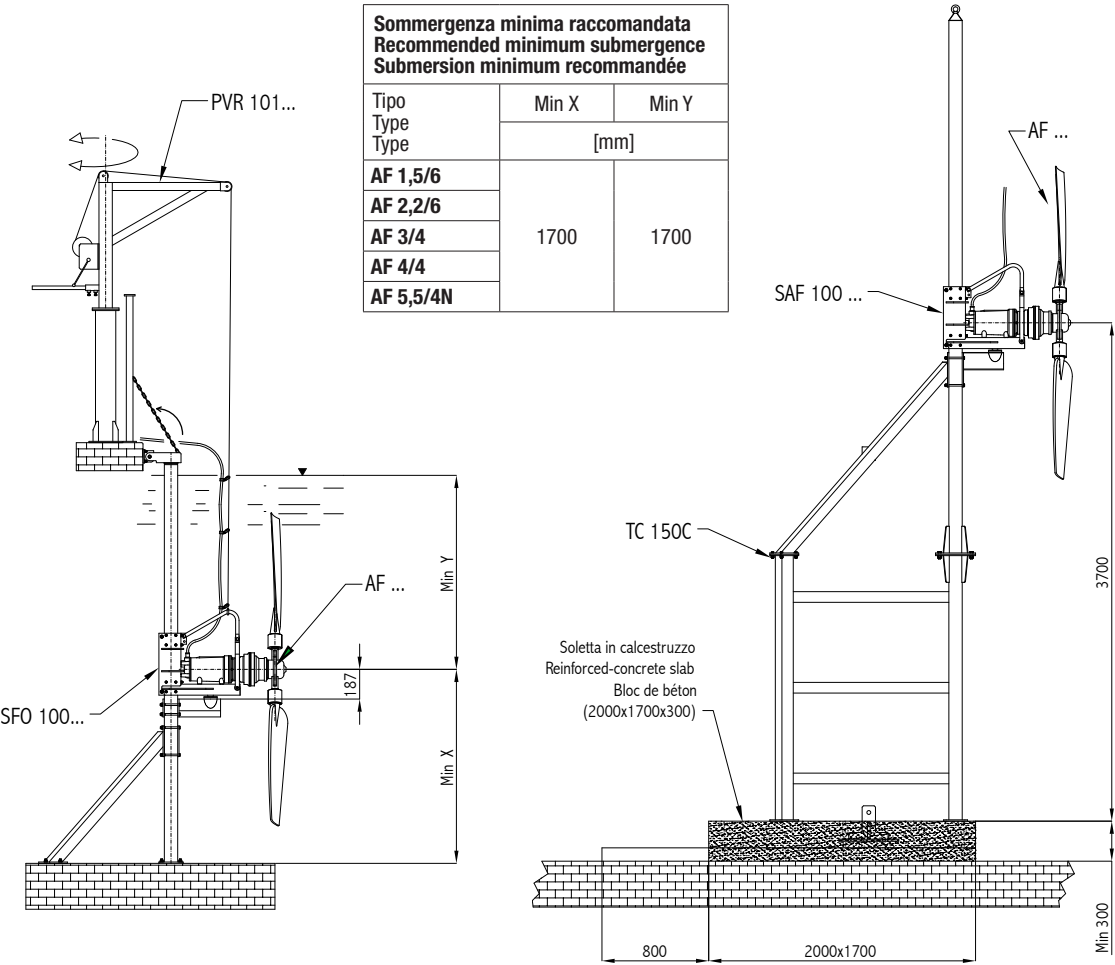
Extension du flux pour vitesse v = 0,3 m/s en eau propre



Dimensioni ingombro - Overall dimensions - Dimensions [mm]						
Tipo Type Type	A	B	C	D	E	Peso Weight Poids
			Ø			[kg]
AF 1,5/6	885	2280	100	450	420	106
AF 2,2/6						107
AF 3/4						122
AF 4/4						125
AF 5,5/4N	955				445	150



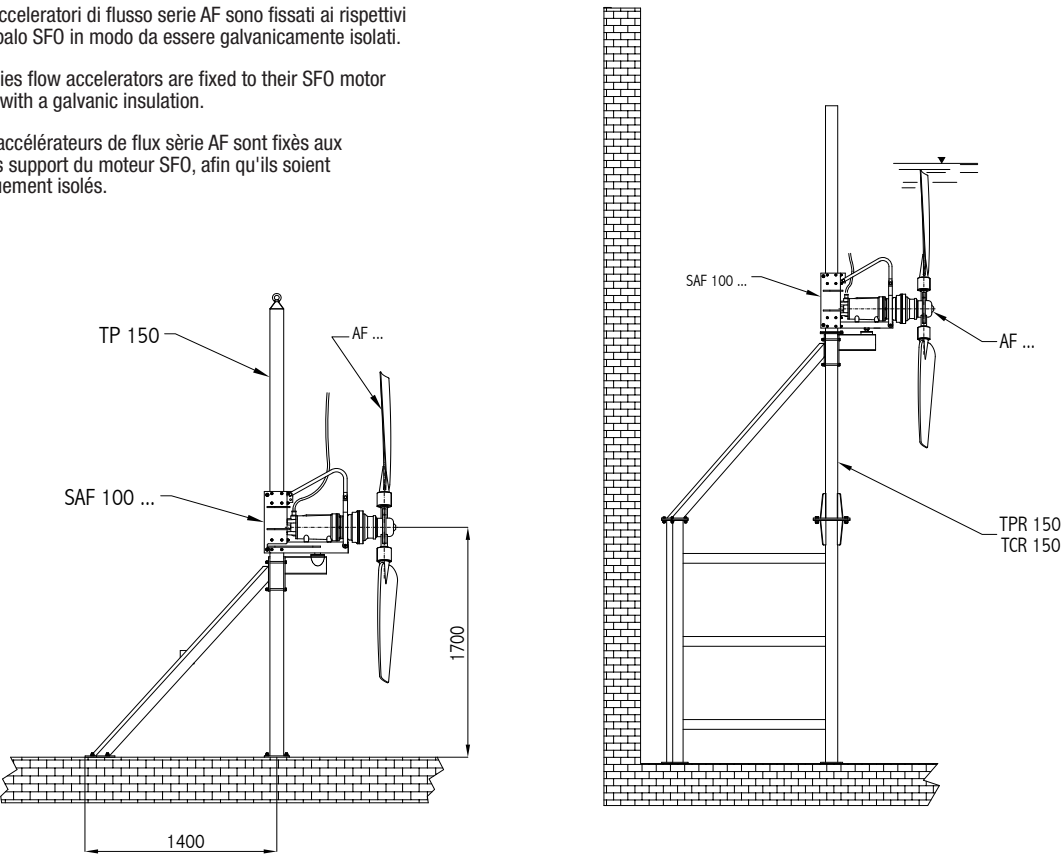
Installazioni possibili - Possible installations - Installations possibles

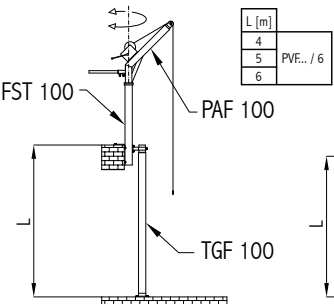
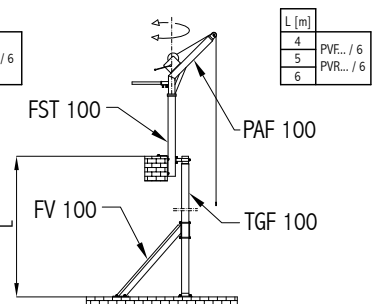
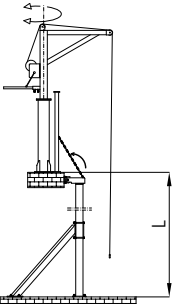
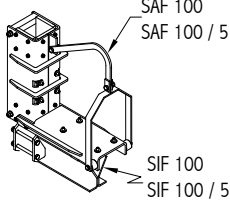
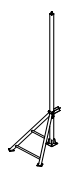
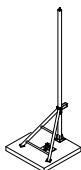
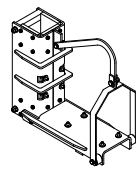
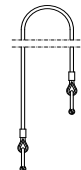
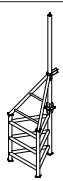
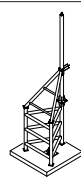
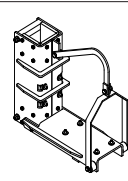
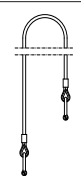


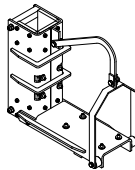
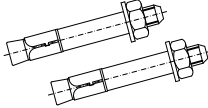
Tutti gli acceleratori di flusso serie AF sono fissati ai rispettivi attacchi palo SFO in modo da essere galvanicamente isolati.

All AF series flow accelerators are fixed to their SFO motor brackets with a galvanic insulation.

Tous les accélérateurs de flux série AF sont fixés aux respectifs support du moteur SFO, afin qu'ils soient galvaniquement isolés.



Accessori - Accessories - Accessoires				
Tipo Type Type	Sistemi di sollevamento - Lifting system for flow accelerators - Potence pour accélérateurs de flux			
	Gru con verricello e tubo guida Cranes winch and rail pipe Grues poulie et tuyau guide		Staffa motore Motor bracket Support de moteur	
	  		 (SFO 100F = SAF 100 + SIF 100) (SFO 100F/5 = SAF 100/5 + SIF 100/5)	
	AF 1,5/6	PVF 100/6 (PAF 100+FST 100+TGF 100)	--	PVR 101/6
	AF 2,2/6			
	AF 3/4		PVF 101/6 (PAF 100+FST 100+TGF 100+FV100)	
	AF 4/4	--		
	AF 5,5/4N			SFO 100F/5
Tripode - Tripod stand - Trépied				
Tipo Type Type	Per fissaggio a fondo vasca For bottom tank installation Pour installation au fond de fosse	Per fissaggio su soletta in calcestruzzo poggiata a fondo vasca On reinforced-concrete slab, for bottom tank installation Fixé sur un bloc de béton, pour inst. au fond de fosse	Staffa motore per tripode Motor bracket Support de moteur	Fune per recupero miscelatore Rope for mixer extraction Câble extraction du mélangeur
				
	AF 1,5/6			FUR 8x6
	AF 2,2/6			
	AF 3/4	TP 150	TP 150C	
	AF 4/4			
	AF 5,5/4N			SAF 100/5
Tripode rialzato con traliccio - Tripod stand with trestle - Trépied avec treillis				
Tipo Type Type	Per fissaggio a fondo vasca For bottom tank installation Pour installation au fond de fosse	Per fissaggio su soletta in calcestruzzo poggiata a fondo vasca On Reinforced-concrete slab, for bottom tank installation Fixé sur un bloc de béton, pour inst. au fond de fosse	Staffa motore per tripode Motor bracket Support de moteur	Fune per recupero miscelatore Rope for mixer extraction Câble extraction du mélangeur
				
	AF 1,5/6			FUR 8x6
	AF 2,2/6			
	AF 3/4	TC 150	TC 150C	
	AF 4/4			
	AF 5,5/4N			SAF 100/5

Tipo Type Type	Accessori per biogas - Biogas accessories - Accessoires pour biogaz				
	Tripode rotante Rotating tripod stand Trépied rotatif	Tripode rotante rialzato con traliccio Rotating tripod stand with trestle Trépied rotatif avec treillis	Staffa motore per tripode Motor bracket Support de moteur	Kit tasselli di fissaggio Fixing dowl kit Kit goujon de fixation	
					
AF 1,5/6	TPR 150	TCR 150	SAF 100	KIT BST 150	
AF 2,2/6					
AF 3/4			SAF 100/5		
AF 4/4					
AF 5,5/4N					