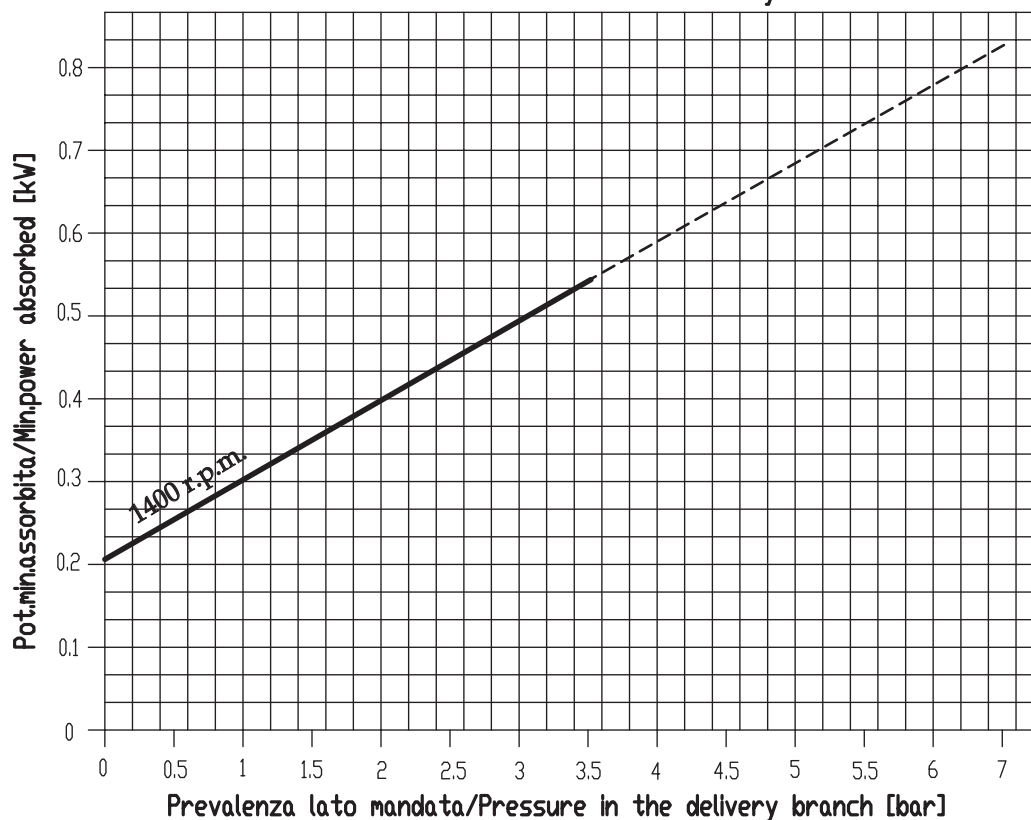
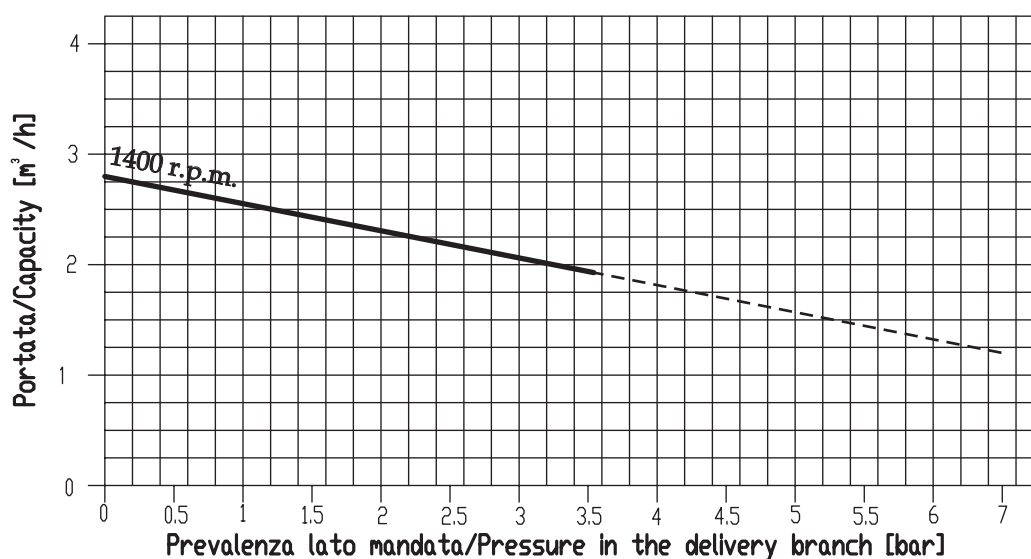


Serie MO-B: Pompe monovite con corpo in bronzo largamente utilizzate nel settore nautico per il trasferimento e lo svuotamento sulle imbarcazioni di: casse rifiuti, acque nere degli scarichi dei wc, liquidi pesanti anche con corpi in sospensione, liquidi particolarmente viscosi, oleosi come olii lubrificanti, olii esausti, olio combustibile, gasolio, ecc.

MO-B Type: Single screw pumps with bronze pump body, widely used in the nautical sector on boats for transfer and emptying waste tanks, toilet sewage, heavy liquids also with solid parts in suspension, viscous and oily liquids, like lubricating oils, exhausted oils, fuel oil, diesel oil, etc.



MO-B 44

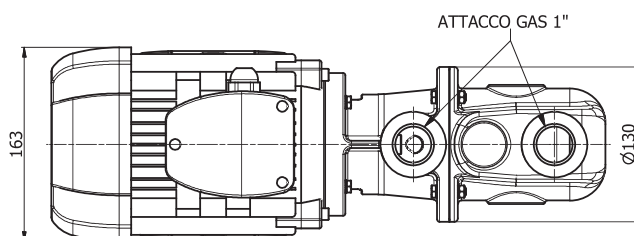
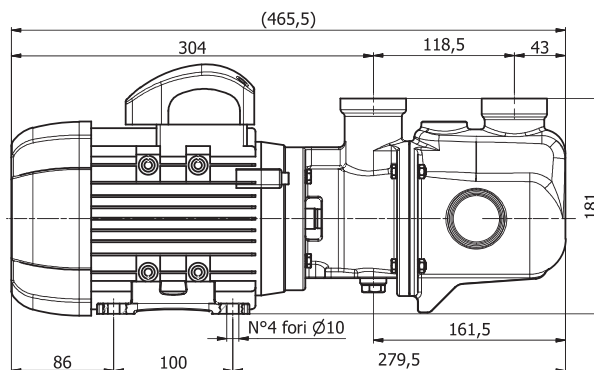
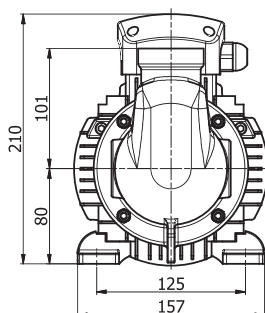


Curve valide considerando acqua a 20° e viscosità 1mm/s²
Curves are valid for airless water of 20°C viscosity 1mm/s²

DIMENSIONI NON IMPEGNATIVE - APPROXIMATE DIMENSIONS - DIMENSIONS APPROXIMATIVES

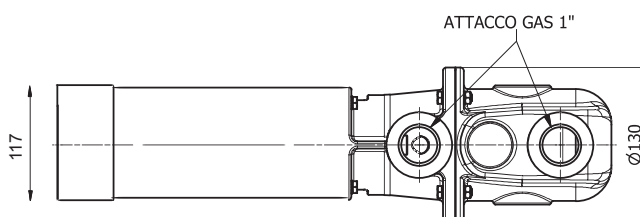
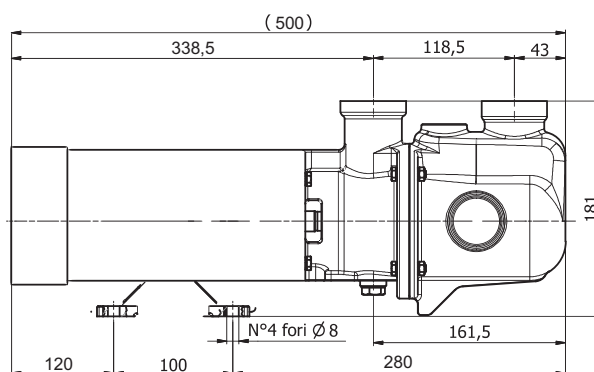
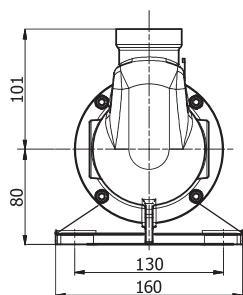
MO-B 44 A.C. MOTOR KW 0,55
1400 r.p.m. 230V 50Hz - 230/400V 50 HZ

peso: 16,5 kg
weight:



MO-B 44 D.C. MOTOR KW 0,55
1400 r.p.m. 24V

peso: 15 kg
weight:



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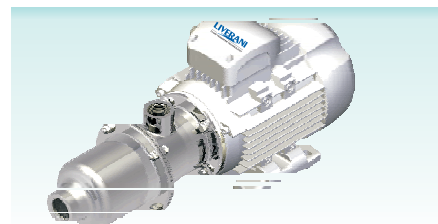
MO-B 44

MO-B 44 dim.

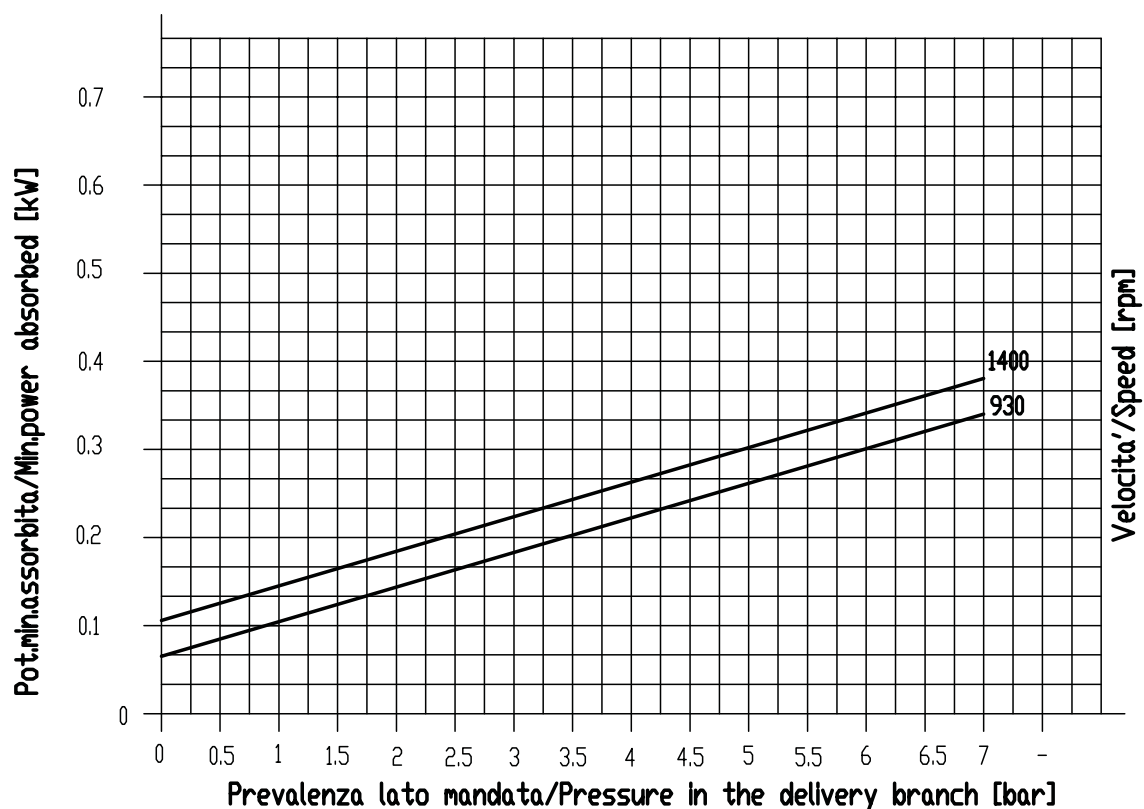
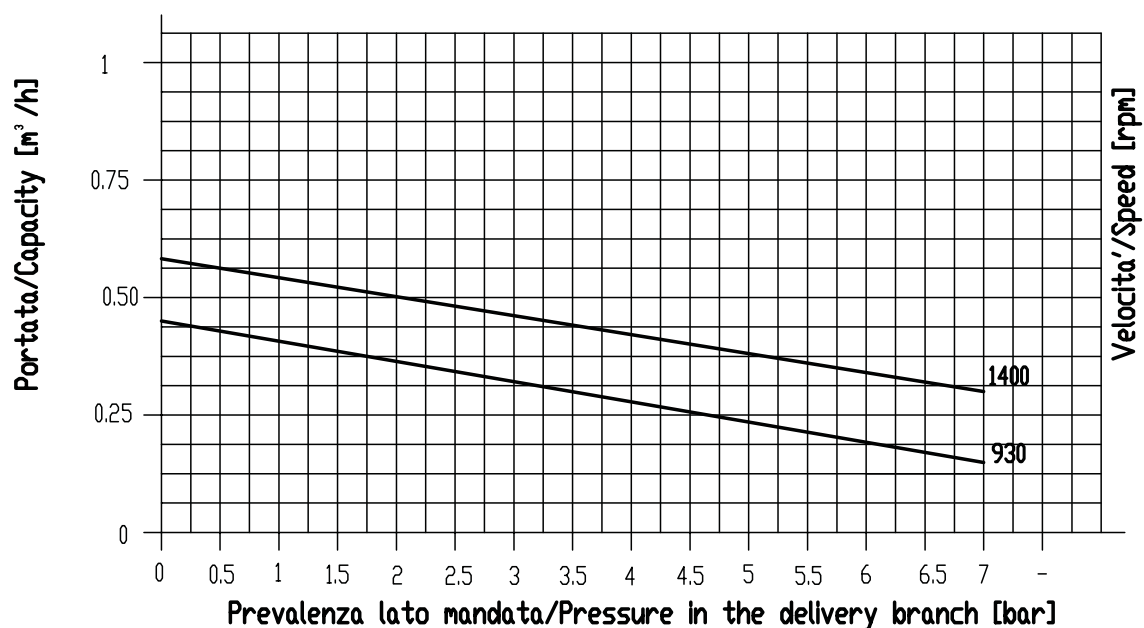
Date 05/10/2007

Serie MO-I: Pompe monovite con corpo inox utilizzate per il trasferimento di liquidi alimentari e chimici, liquidi densi anche con corpi in sospensione, viscosi come olio di oliva e in generale tutti gli olii alimentari.

MO-I Type: Single screw pumps with stainless steel pump body for transfer of food and chemical fluids, heavy liquids also with solid parts in suspension, viscous like olive oil and in general all food oils.



MO-I 25



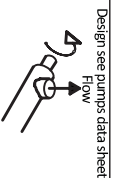
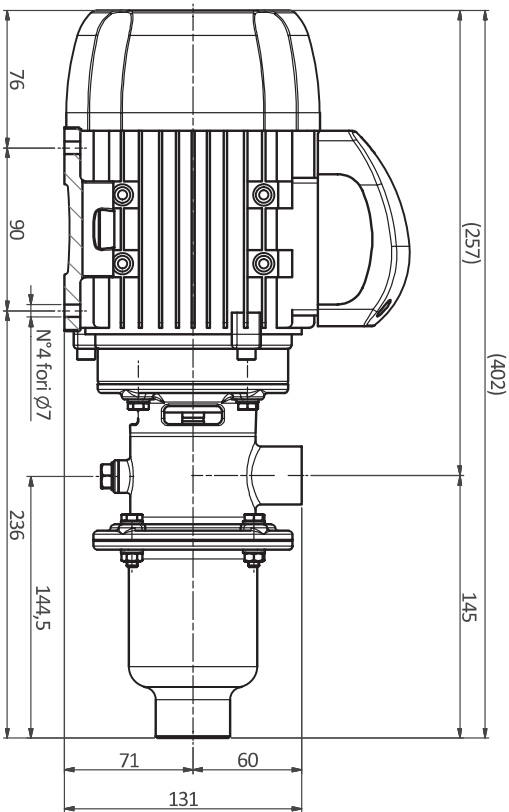
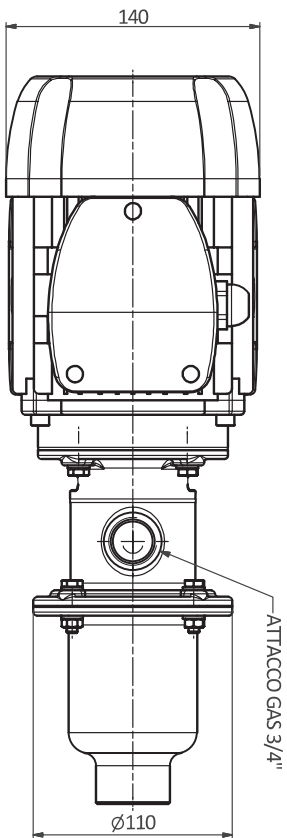
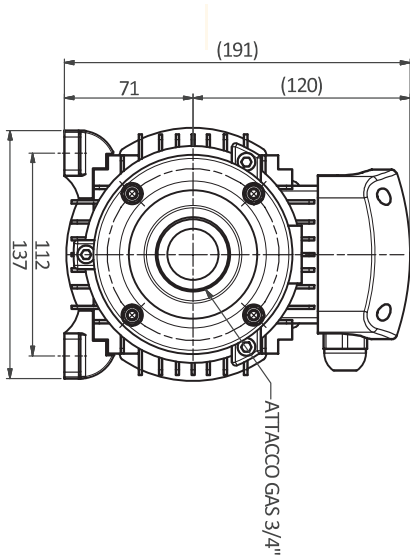
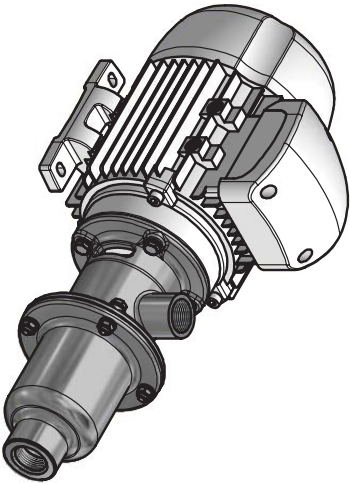
Curve valide considerando acqua a 20° e viscosità 1mm/s2
Curves are valid for airless water of 20°C viscosity 1mm/s2

MO-I 25

MO-I 25 dim.

Date 29/09/2014

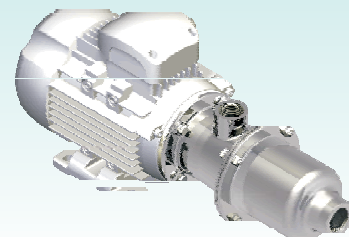
POTENZE MOTORI - POWER MOTORS			
TYPE	4 poli / pole 1400 RPM	6 poli / pole 900 RPM	8 poli / pole 700 RPM
MO-I 25	0,25 Kw	0,18 Kw	-



Design see pumps data sheet

Serie MO-I: Pompe monovite con corpo inox utilizzate per il trasferimento di liquidi alimentari e chimici, liquidi densi anche con corpi in sospensione, viscosi come olio di oliva e in generale tutti gli olii alimentari.

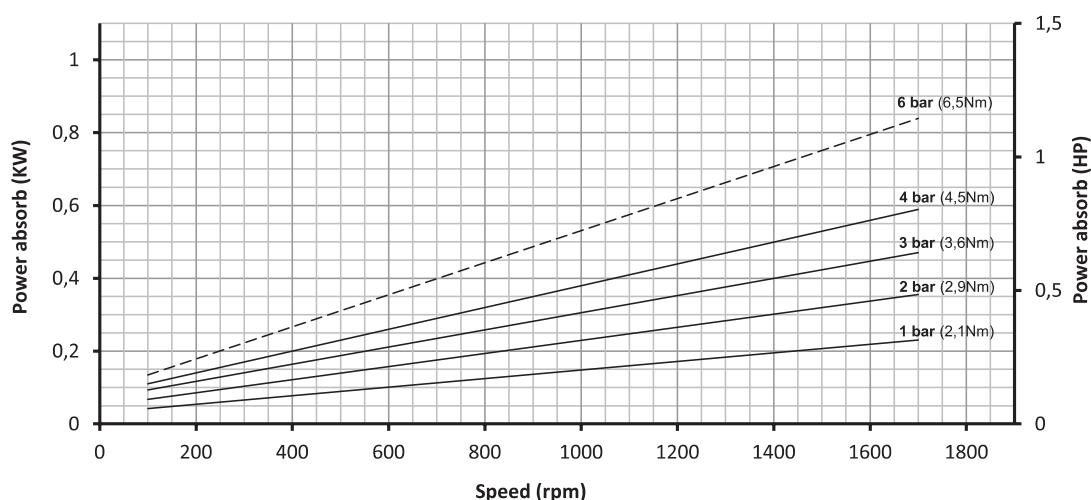
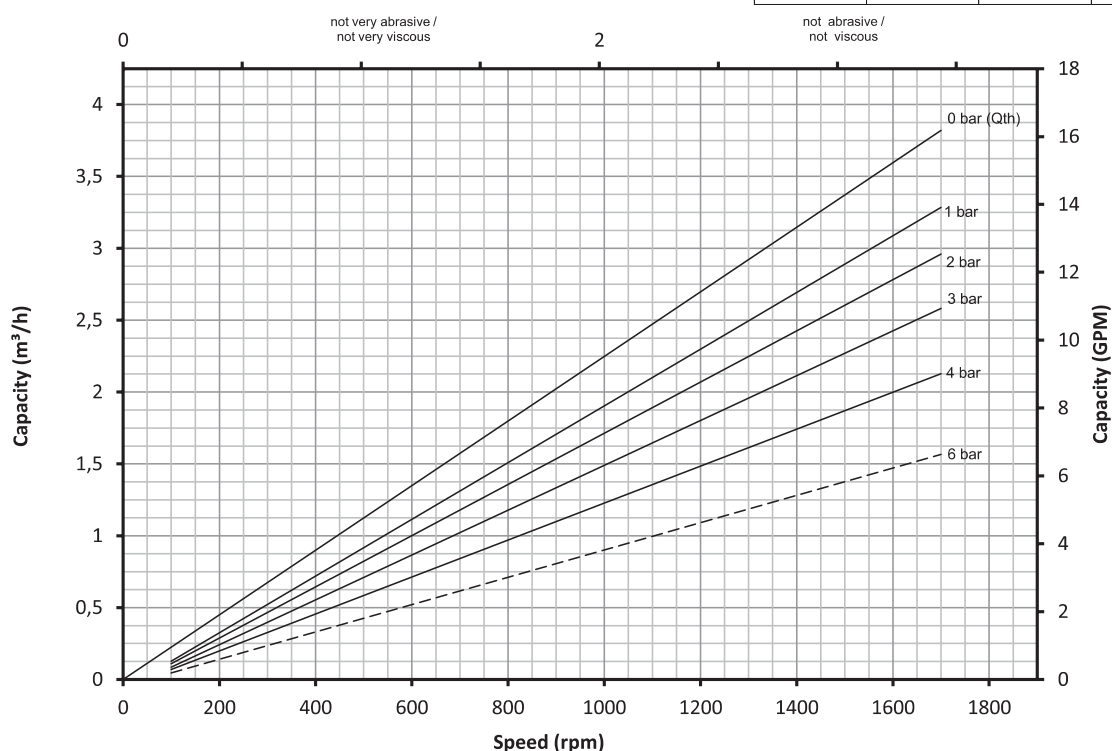
MO-I Type: Single screw pumps with stainless steel pump body for transfer of food and chemical fluids, heavy liquids also with solid parts in suspension, viscous like olive oil and in general all food oils.



MO-I 44

Vg (m/s)

Maximum Pressure based on Abrasivity			
No	Low	Medium	High
4	2	/	/



Starting Torque = Nm \ 0 lbs*in

Performance tolerance $\pm 10\%$

Curve valide considerando acqua a 20° e viscosità 1mm/s²
Curves are valid for airless water of 20°C viscosite 1mm/s²

DIMENSIONI NON IMPEGNATIVE - APPROXIMATE DIMENSIONS - DIMENSIONS APPROXIMATIVES

MO-I 44 A.C. MOTOR KW 0,55

1400 r.p.m. 230V 50Hz - 230/400V 50 HZ

900 r.p.m. 230V 50Hz - 230/400V 50 HZ

peso: 17 kg
weight:

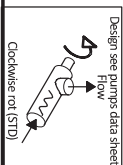
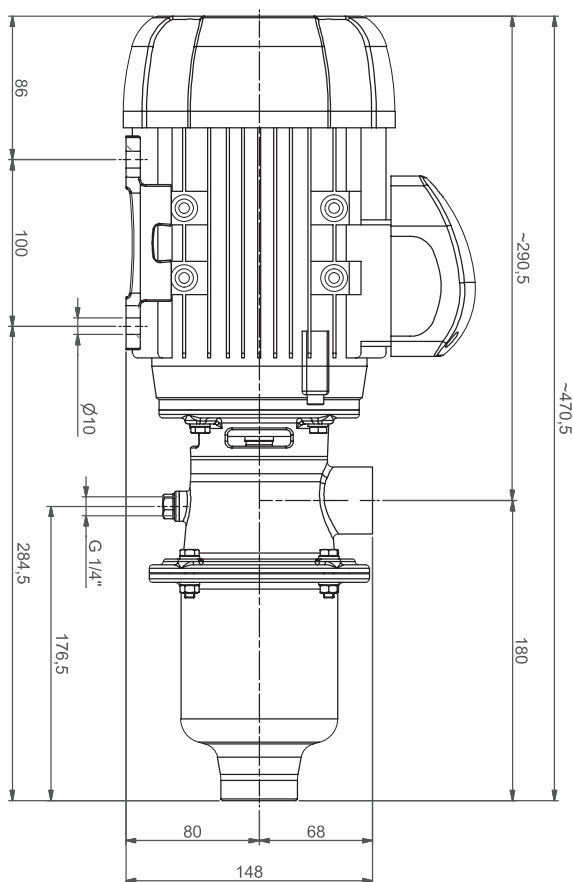
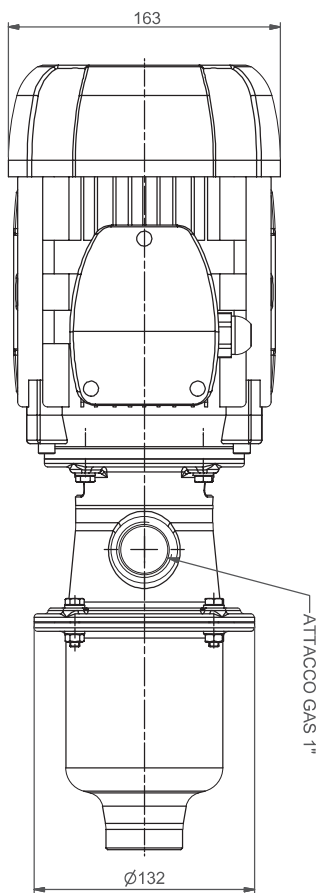
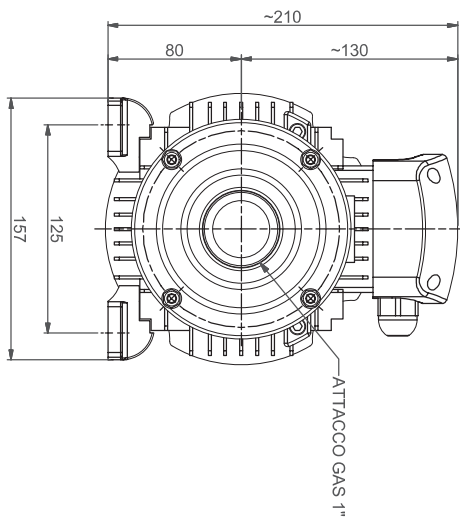
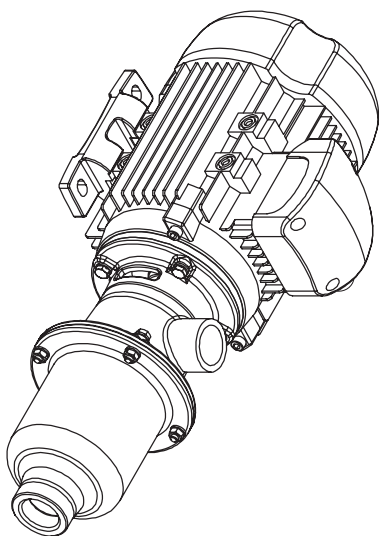
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Via De' Brozzi, 94 - 48022 Lugo (Ra) ITALY
Tel. ++39 0545 22379 - Fax ++39 0545 30350
E-mail: liverani@liverani.com
www.liverani.com

MO-I 44

MO-I 44 dim.

Date 17/04/2015



Design see pumps data sheet

Serie MO-I: Pompe monovite con corpo inox utilizzate per il trasferimento di liquidi alimentari e chimici, liquidi densi anche con corpi in sospensione, viscosi come olio di oliva e in generale tutti gli olii alimentari.

MO-I Type: Single screw pumps with stainless steel pump body for transfer of food and chemical fluids, heavy liquids also with solid parts in suspension, viscous like olive oil and in general all food oils.



PERFORMANCE CURVE

MO-I 100

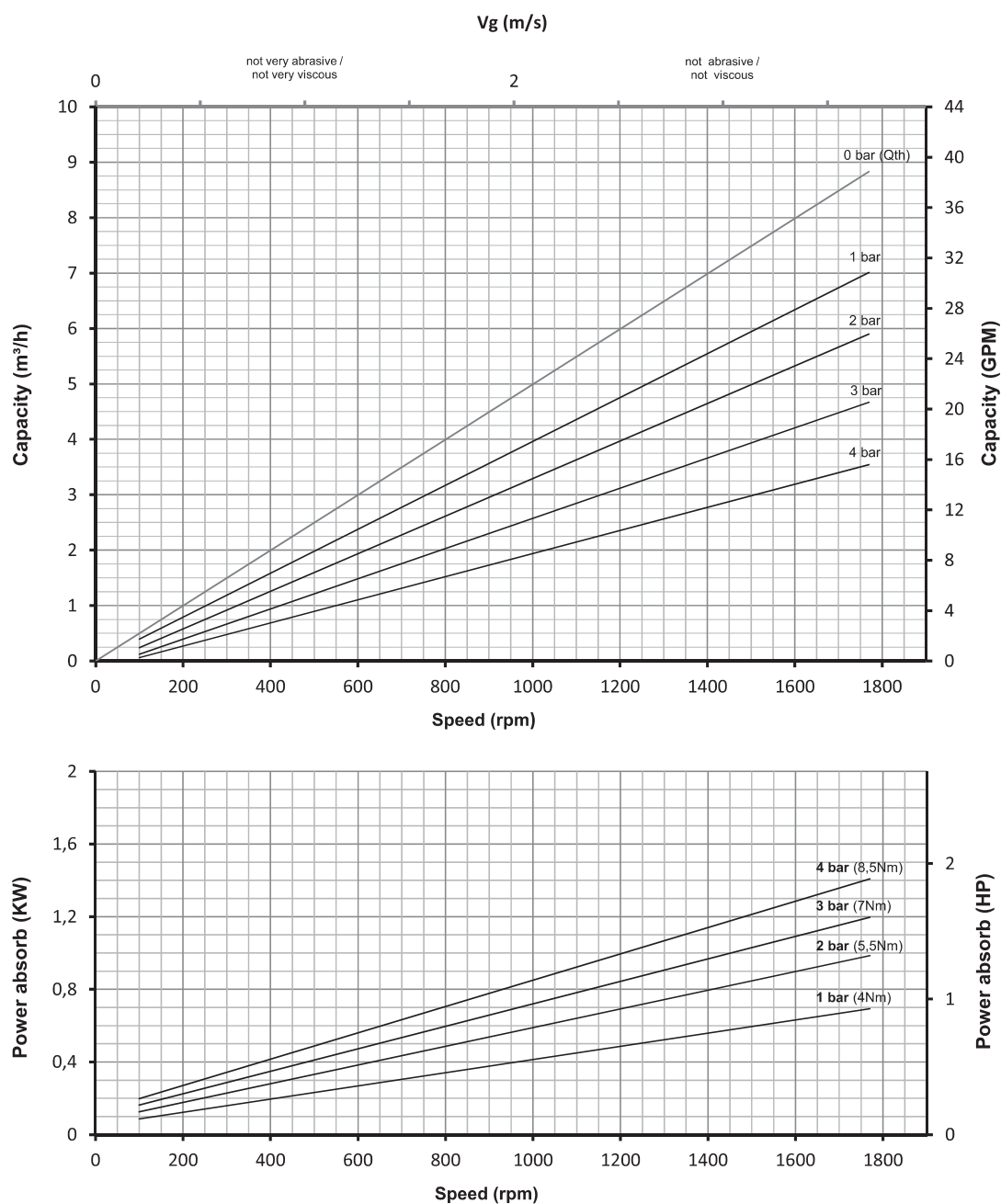
Data Based on clean Water 20° C / 65° F

RANGE

WOBBLE PUMPS

Maximum Pressure based on Abrasivity

No	Low	Medium	High
4	2	/	/



Starting Torque = 7,5 Nm \ 66,38 lbs*in

Performance tolerance $\pm 10\%$

DIMENSIONI NON IMPEGNATIVE - APPROXIMATE DIMENSIONS - DIMENSIONS APPROXIMATIVES

MO-I 100 A.C. MOTOR

kW 1,5 - 1400 r.p.m. 230V 50Hz - 230/400V 50 HZ
kW 1,1 - 900 r.p.m. 230V 50Hz - 230/400V 50 HZ

peso: 28 Kg
weight:

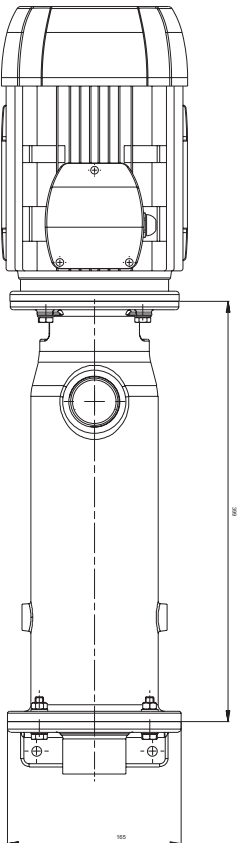
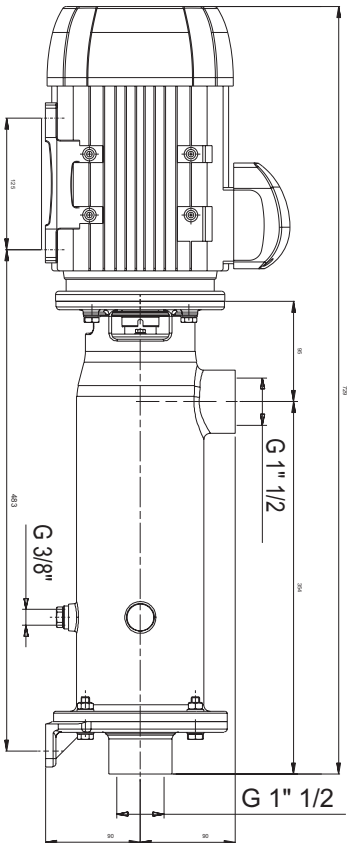
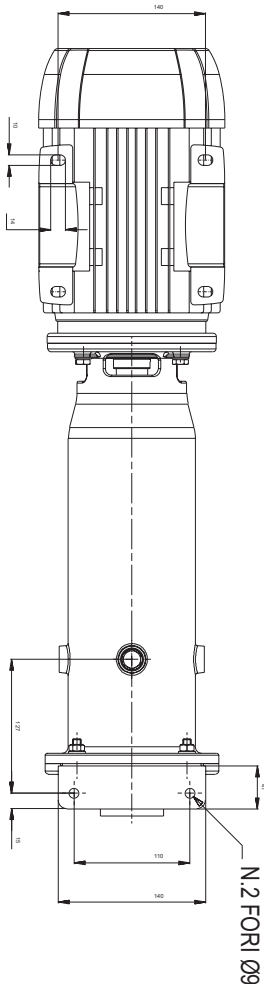
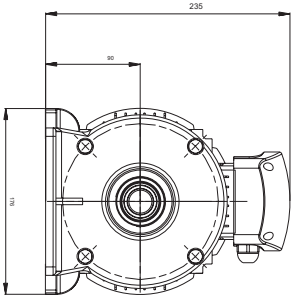
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Tel. ++39 0545 22379 - Fax ++39 0545 30350
E-mail: liverani@liverani.com
www.liverani.com

MO-I 100

MO-I 100 dim.

Date 23/10/2009



Serie MO-I: Pompe monovite con corpo inox utilizzate per il trasferimento di liquidi alimentari e chimici, liquidi densi anche con corpi in sospensione, viscosi come olio di oliva e in generale tutti gli olii alimentari.

MO-I Type: Single screw pumps with stainless steel pump body for transfer of food and chemical fluids, heavy liquids also with solid parts in suspension, viscous like olive oil and in general all food oils.



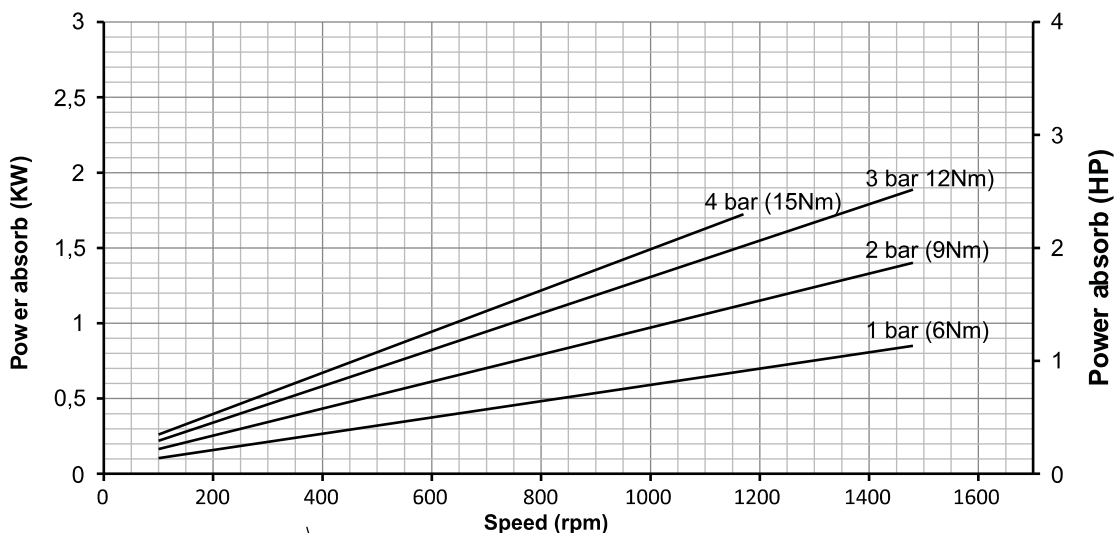
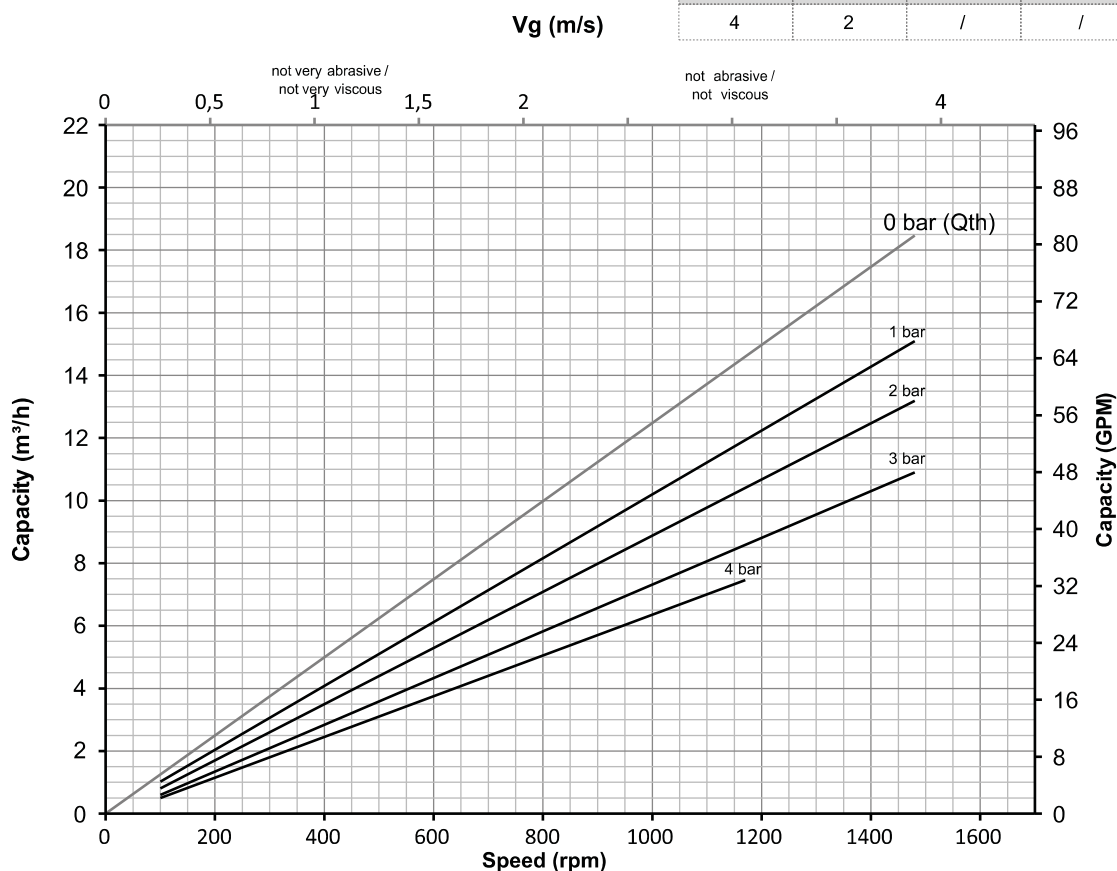
PERFORMANCE CURVE

MO-I 200

Data Based on clean Water 20° C / 65° F

Maximum Pressure based on Abrasivity

No	Low	Medium	High
4	2	/	/



Starting Torque = 10,5 Nm \ 92,925 lbs*in

Performance tolerance ±10%

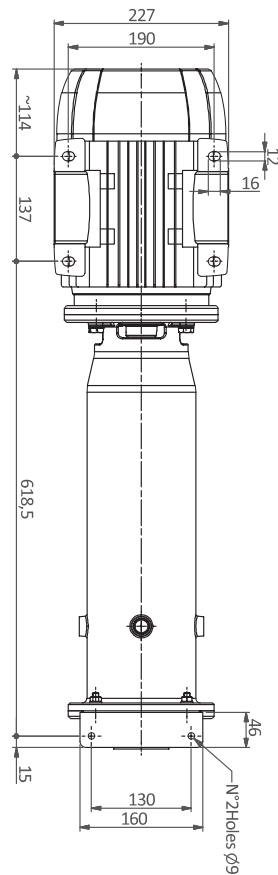
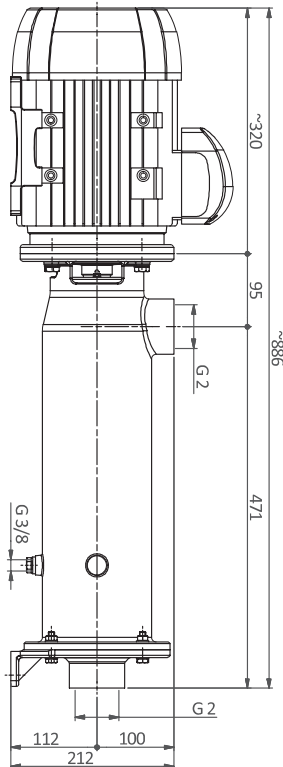
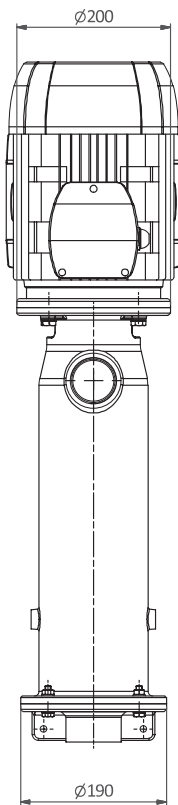
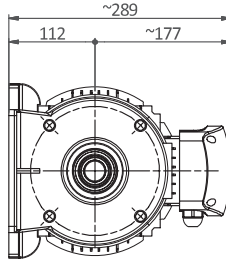
MO-I 200

MO-I 200 dim.

Date 27/10/2011

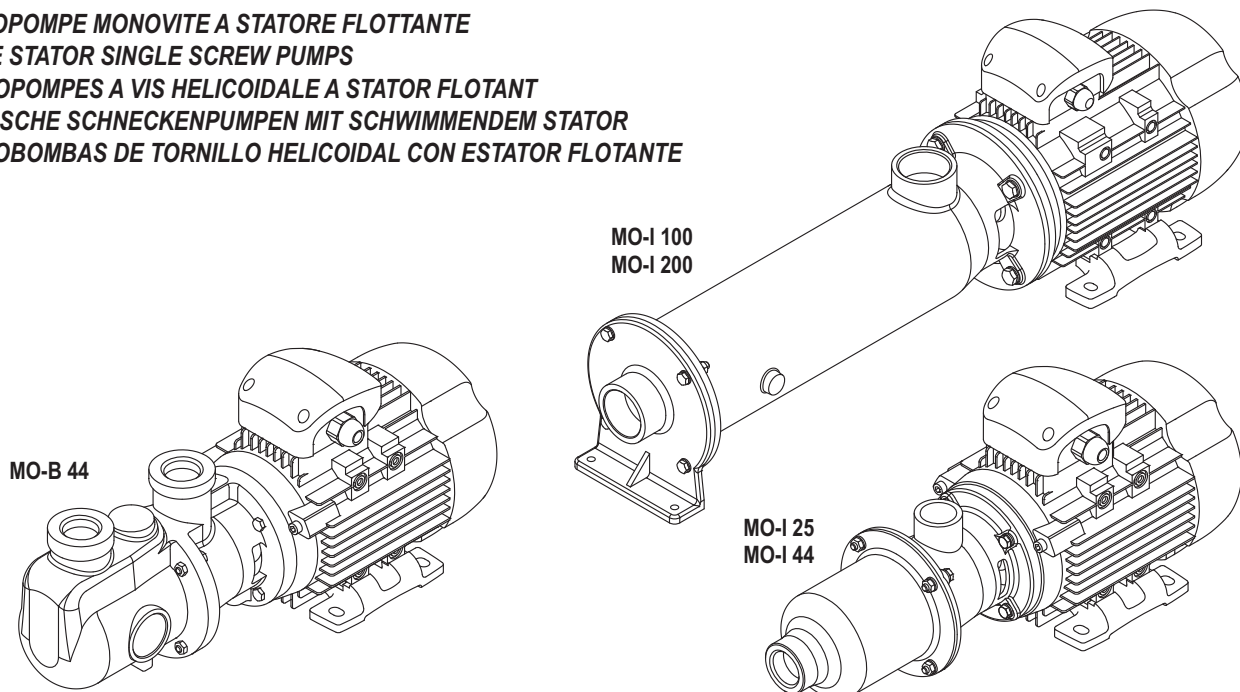
peso: 51 kg
weight:

MO-I 200 INOX
KW 4,0 4 POLI - KW 2,2 6 POLI - KW 1,5 8 POLI



**ELETTROPOMPE MONOVITE
SINGLE SCREW PUMPS
ELECTROPOMPES A VIS HELICOIDALE
ELEKTRISCHE SCHNECKENPUMPEN
ELECTROBOMBAS DE TORNILLO HELICOIDAL**

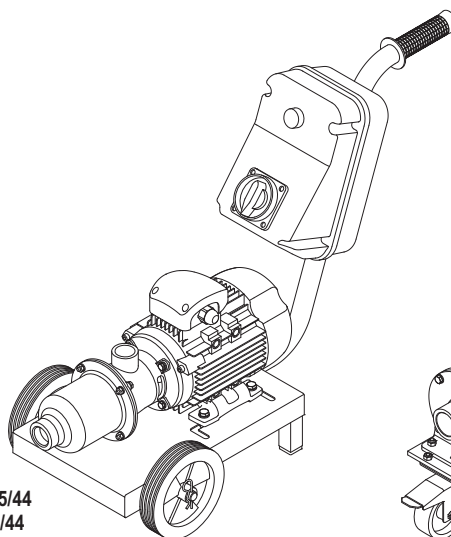
**ELETTROPOMPE MONOVITE A STATORE FLOTTANTE
WOBBLE STATOR SINGLE SCREW PUMPS
ELECTROPOMPES A VIS HELICOIDALE A STATOR FLOTANT
ELEKTRISCHE SCHNECKENPUMPEN MIT SCHWIMMENDEM STATOR
ELECTROBOMBAS DE TORNILLO HELICOIDAL CON ESTATOR FLOTANTE**



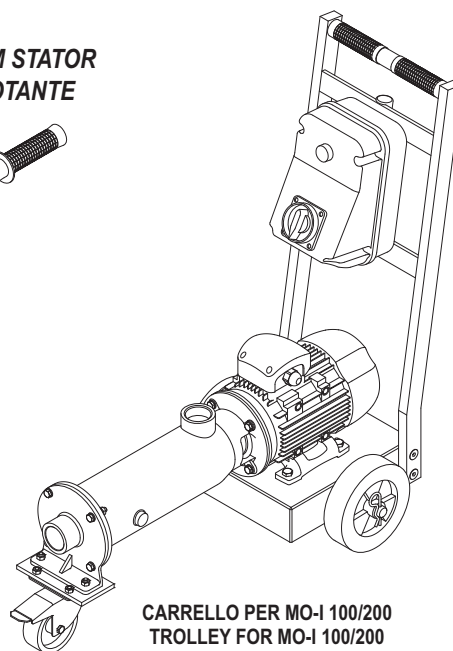
Modello Type	Materiale** Material**	Motore* Motor*	kW	Giri/min Rpm	Portata l/h Capacity l/h	Prevalenza m Head m	Codice Code
MO-I 25	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,25	1400	700-500-400	0 - 20 - 40	8245MOI25-4TF
MO-I 25/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,18	900	450-325-250	0 - 20 - 40	8245MOI25-6TF
MO-I 25	Acciaio Inox/Stainless Steel	MF 230V 50Hz	0,25	1400	700-500-400	0 - 20 - 40	8245MOI25-4MF
MO-I 44	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,55	1400	3150-2450-1750	0 - 20 - 40	8245MOI44-4TF
MO-I 44/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,55	900	2000-1550-1100	0 - 20 - 40	8245MOI44-6TF
MO-I 44	Acciaio Inox/Stainless Steel	MF 230V 50Hz	0,55	1400	3150-2450-1750	0 - 20 - 40	8245MOI44-4MF
MO-I 44/6	Acciaio Inox/Stainless Steel	MF 230V 50Hz	0,55	900	2000-1550-1100	0 - 20 - 40	8245MOI44-6MF
MO-I 44	Acciaio Inox/Stainless Steel	CC 24V	0,55	1400	3150-2450-1750	0 - 20 - 40	8245MOI4424
MO-I 44	Acciaio Inox/Stainless Steel	CC 12V	0,55	1400	3150-2450-1750	0 - 20 - 40	8245MOI4412
MO-I 100	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	1,50	1400	7000-4750-2800	0 - 20 - 40	8245MOI100-4TF
MO-I 100/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	1,10	900	4500-3000-1750	0 - 20 - 40	8245MOI100-6TF
MO-I 100	Acciaio Inox/Stainless Steel	MF 230V 50Hz	1,50	1400	7000-4750-2800	0 - 20 - 40	8245MOI100-4MF
MO-I 100/6	Acciaio Inox/Stainless Steel	MF 230V 50Hz	1,10	900	4500-3000-1750	0 - 20 - 40	8245MOI100-6MF
MO-I 100	Acciaio Inox/Stainless Steel	CC 24V	1,50	1400	7000-4750-2800	0 - 20 - 40	8245MOI10024
MO-I 200	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	4,0	1400	18000-13000-10500	0 - 20 - 40	8245MOI200-4TF
MO-I 200/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	2,20	900	11500-8000-5900	0 - 20 - 40	8245MOI200-6TF
MO-I 200	Acciaio Inox/Stainless Steel	MF 230V 50Hz	3,0	1400	18000-13000-10500	0 - 20 - 40	8245MOI200-4MF
MO-I 200/6	Acciaio Inox/Stainless Steel	MF 230V 50Hz	2,20	900	11500-8000-5900	0 - 20 - 40	8245MOI200-6MF
MO-B 44	Bronzo/Bronze	TF 230/400V 50Hz	0,55	1400	3150-2100-1650	0 - 20 - 40	8245MOB44-4TF
MO-B 44	Bronzo/Bronze	MF 230V 50Hz	0,55	1400	3150-2100-1650	0 - 20 - 40	8245MOB44-4MF
MO-B 44	Bronzo/Bronze	CC 24V	0,55	1400	3150-2100-1650	0 - 20 - 40	8245MOB4424
MO-B 44	Bronzo/Bronze	CC 12V	0,55	1400	3150-2100-1650	0 - 20 - 40	8245MOB4412
Sovrapprezzo / Extra price							
BY-PASS per modello MO-I 25 / BY-PASS for type MO-I 25							
BY-PASS per modello MO-I 44 / BY-PASS for type MO-I 44							
BY-PASS per modello MO-I 100 / BY-PASS for type MO-I 100							
BY-PASS per modello MO-I 200 / BY-PASS for type MO-I 200							
BY-PASS per modello MO-B 44 / BY-PASS for type MO-B 44							

(*) MF = Monofase/Single Phase - TF = Trifase/Three Phase - CC = Corrente Continua/Direct Current
Disponibili a richiesta con altri voltaggi a 50-60Hz - Available on request with other voltages at 50-60Hz
(**) Disponibili a richiesta modelli con corpo in ghisa - Available on request cast-iron body versions

CARRELLI PER ELETTROPOMPE MONOVITE A STATORE FLOTTANTE
TROLLEY FOR WOBBLE STATOR SINGLE SCREW PUMPS
CHARIOTS POUR ELECTROPOMPES A VIS HELICOIDALE A STATOR FLOTANT
ZWEIRADWAGEN FÜR ELEKTRISCHE SCHNECKENPUMPEN MIT SCHWIMMENDEM STATOR
CARROS PARA ELECTROBOMBAS DE TORNILLO HELICOIDAL CON ESTATOR FLOTANTE



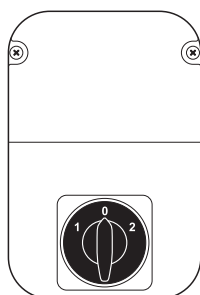
CARRELLO PER MO-I 25/44
TROLLEY FOR MO-I 25/44



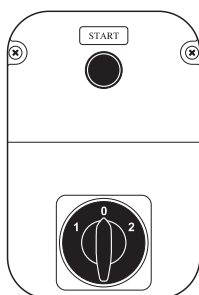
CARRELLO PER MO-I 100/200
TROLLEY FOR MO-I 100/200

Modello Type	Codice Code
Carrello inox 330x280 per MO-I 25/44 / Stainless steel trolley 330x280 for MO-I 25/44	36202049
Carrello inox 300x275 per MO-I 100/200 (2 ruote fisse + 1 pivotante con freno) Stainless steel trolley 300x275 for MO-I 100/200 (2 fixed wheels + 1 pivoting wheel)	36202070

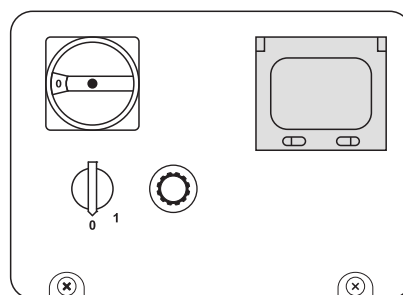
QUADRI ELETTRICI PER ELETTROPOMPE MONOVITE A STATORE FLOTTANTE
CONTROL PANELS FOR WOBBLE STATOR SINGLE SCREW PUMPS
BOITIER ELECTRIQUES POUR ELECTROPOMPES A VIS HELICOIDALE A STATOR FLOTANT
ELEKTRISCHE ANLAGE FÜR ELEKTRISCHE SCHNECKENPUMPEN MIT SCHWIMMENDEM STATOR
CUADROS ELECTRICOS PARA ELECTROBOMBAS DE TORNILLO HELICOIDAL CON ESTATOR FLOTANTE



QUADRO ELETTRICO STANDARD
CON SOLO INVERTITORE
STANDARD CONTROL PANEL
WITH ONLY SWITCH REVERSER



QUADRO ELETTRICO CE
CON PROTEZIONE TERMICA
CE CONTROL PANEL
WITH THERMAL PROTECTION



QUADRO INVERTER CON COMANDI BORDO QUADRO
CONTROL PANEL WITH FREQUENCY CONVERTER
(CONTROLS ON MAIN PANEL)

Quadri elettrici unidirezionali Not reversible control Panels	Codice MF* Code MF*	Codice TF* Code TF*
Quadro elettrico standard per MO-I 25/44/100 / Standard control panel for MO-I 25/44/100	36371058DCI	36371058I
Quadro elettrico standard per MO-I 200 / Standard control panel for MO-I 200	36371056DCI	36371056I
Quadro elettrico CE per MO-I 25/44/100 / CE control panel for MO-I 25/44/100	36371059DCI	36371060I
Quadro elettrico CE per MO-I 200 / CE control panel for MO-I 200	36371061DCI	36371061I
Quadri inverter unidirezionali con comandi bordo quadro Control panel with frequency converter one sense rotation (controls on main panel)	Codice Code	
Quadro inverter/Control panel with frequency converter MF 230V-50Hz 0,75 kW -> MO-I 25/44 MF	36371101IBQ	
Quadro inverter/Control panel with frequency converter TF 400V-50Hz 0,75 kW -> MO-I 25/44 TF	36371102IBQ	
Quadro inverter/Control panel with frequency converter MF 230V-50Hz 1,5 kW -> MO-I 100 TF	36371098IBQ	
Quadro inverter/Control panel with frequency converter TF 400V-50Hz 1,5 kW -> MO-I 100 TF	36371097IBQ	
Quadro inverter/Control panel with frequency converter TF 400V-50Hz 4,0 kW -> MO-I 200 TF	36371100IBQ	

(*) MF = Monofase/Single Phase - TF = Trifase/Three Phase

Pompe in acciaio inox autoadescanti a girante flessibile

MATERIALE: i modelli MINI e MIDEX sono in acciaio inox AISI 316. I modelli MINOR-MAJOR-MAXI sono in acciaio inox AISI 304 (a richiesta Inox AISI 316).

USCITE/RACCORDI: i modelli MINI-MIDEX hanno uscite Gas BSP maschio. I modelli MINOR-MAJOR-MAXI hanno uscite Garolla con raccordi portagomma, morsetti e guarnizioni compresi nel prezzo. Eventuali uscite diverse sono da specificare in sede di ordine.

TENUTE MECCANICHE: tipo standard (Ceramica-Grafite-NBR). Tenute meccaniche speciali (Widia-Widia-Viton, Carbuco Silicio-Carbuco Silicio-EPDM, ecc.) da specificare in sede di ordine.

MOTORE: il grado di protezione dei motori a corrente alternata è IP55.

GIRANTI: tutti i modelli sono con girante in Gomma Naturale (NR). Sono disponibili diverse tipologie di giranti (Nitrile, Neoprene, EPDM, Silicone) da specificare in sede di ordine.

CARRELLO/BASE : i modelli GR-VA-RID-INV sono forniti su carrello. A richiesta sono disponibili su base inox senza sovrapprezzi.

Pompe ad anello liquido laterale in bronzo

USCITE/RACCORDI: tutte le pompe ed elettropompe 20-25-30-40-50 sono fornite con raccordi portagomma. A richiesta sono disponibili le uscite Macon allo stesso prezzo. Il modello 70 ha uscite 2"1/2 Gas BSP femmina.

TENUTE: tutti i modelli sono dotati di paraolo NBR ad eccezione dei modelli SPECIAL, SPECIAL FM e 70 BZ che sono dotati di tenuta meccanica standard (Ceramica-Grafite-NBR). Eventuali tenute meccaniche standard (Ceramica-Grafite-NBR) e speciali (Ceramica-Grafite-Viton oppure Widia-Carbuco Silicio-Viton) sono da specificare in sede d'ordine.

MOTORE: il grado di protezione dei motori a corrente alternata è IP55.

Pompe ad anello liquido laterale in acciaio inox AISI 316

USCITE/RACCORDI: i modelli NEOS-JUNIOR-SENIOR-MASTER hanno uscite Gas BSP maschio. I modelli 70 Inox e 80 Inox hanno uscite Garolla con raccordi portagomma, morsetti e guarnizioni compresi nel prezzo.

TENUTE: sono differenziate le tariffe con tenuta meccanica standard (Ceramica-Grafite-NBR), tenuta meccanica speciale (Ceramica-Grafite-Viton) e tenuta meccanica speciale (Widia-Carbuco Silicio-Viton).

MOTORE: il grado di protezione dei motori a corrente alternata è IP55.