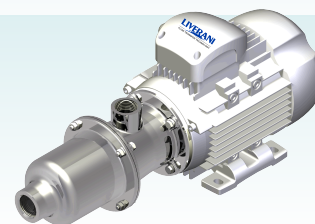


SERIE / TYPE

MO-I

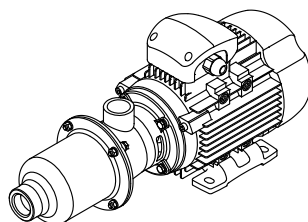
Single screw pumps

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.

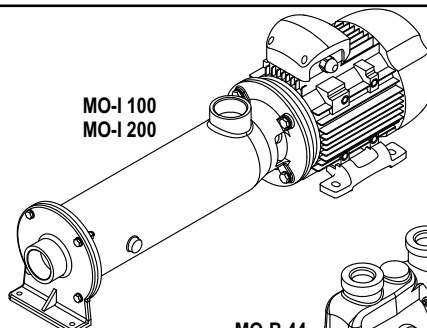


WOBBLE STATOR SINGLE SCREW PUMPS

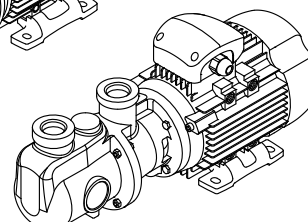
MO-I 28
MO-I 25
MO-I 49
MO-I 44
MO-I 64



MO-I 100
MO-I 200



MO-B 44

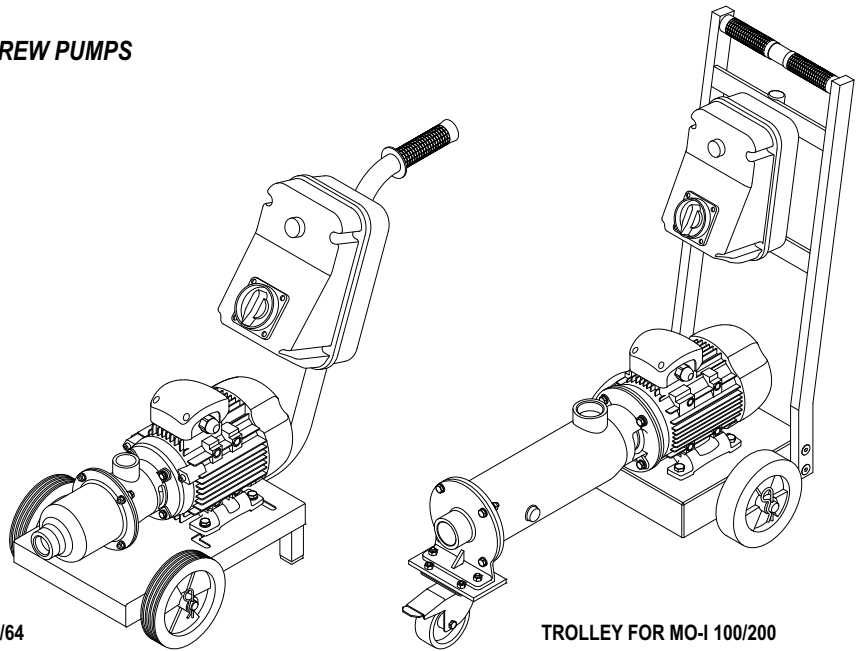


Modello Type	Materiale** Material**	Motore* Motor*	kW	Giri/min Rpm	Portata l/h Capacity l/h	Prevalenza m Head m	Codice Code
MO-I 28	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,25	1400	375-310-250	0 - 20 - 40	8245MOI28-4TF
MO-I 28/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,18	900	240-200-160	0 - 20 - 40	8245MOI28-6TF
MO-I 28	Acciaio Inox/Stainless Steel	MF 230V 50Hz	0,25	1400	375-310-250	0 - 20 - 40	8245MOI28-4MF
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 49	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,55	1400	1350-950-750	0 - 20 - 40	8245MOI49-4TF
MO-I 49/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,55	900	850-600-475	0 - 20 - 40	8245MOI49-6TF
MO-I 49	Acciaio Inox/Stainless Steel	MF 230V 50Hz	0,55	1400	1350-950-750	0 - 20 - 40	8245MOI49-4MF
MO-I 49/6	Acciaio Inox/Stainless Steel	MF 230V 50Hz	0,55	900	850-600-475	0 - 20 - 40	8245MOI49-6MF
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 64	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	1,10	1400	4050-3350-2300	0 - 20 - 55	8245MOI64-4TF
MO-I 64/6	Acciaio Inox/Stainless Steel	TF 230/400V 50Hz	0,75	900	2900-2300-1300	0 - 20 - 55	8245MOI64-6TF
MO-I 64	Acciaio Inox/Stainless Steel	MF 230V 50Hz	1,10	1400	4050-3350-2300	0 - 20 - 55	8245MOI64-4MF
MO-I 64	Acciaio Inox/Stainless Steel	CC 24V	1,10	1400	4050-3350-2300	0 - 20 - 55	8245MOI6424
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

* 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

TROLLEY FOR WOBBLE STATOR SINGLE SCREW PUMPS

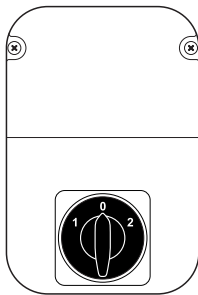


TROLLEY FOR MO-I 25/28/44/49/64

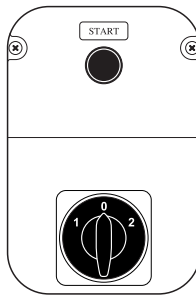
TROLLEY FOR MO-I 100/200

Modello Type	Codice Code
Carrello inox 330x240 per MO-I 25/28/44/49/64 / Stainless steel trolley 330x240 for MO-I 25/28/44/49/64	36202049
Carrello inox 300x275 per MO-I 100/200 (2 ruote fisse + 1 pivottante con freno) Stainless steel trolley 300x275 for MO-I 100/200 (2 fixed wheels + 1 pivoting wheel)	36202070

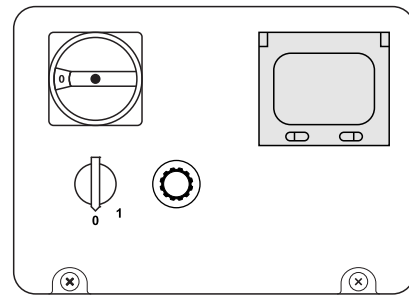
CONTROL PANELS FOR WOBBLE STATOR SINGLE SCREW PUMPS



STANDARD CONTROL PANEL
WITH ONLY SWITCH REVERSER



CE CONTROL PANEL
WITH THERMAL PROTECTION



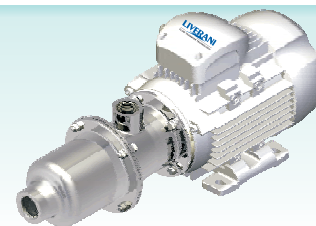
CONTROL PANEL WITH FREQUENCY CONVERTER
(CONTROLS ON MAIN PANEL)

Not reversible control Panels	Codice MF* Code MF*	Codice TF* Code TF*
Quadro elettrico standard per MO-I 25/28/44/49/64/100 / Standard control panel for MO-I 25/28/44/49/64/100	36371058DCI	36371058I
Quadro elettrico standard per MO-I 200 / Standard control panel for MO-I 200	36371056DCI	36371056I
Quadro elettrico CE per MO-I 25/28/44/49/64/100 / CE control panel for MO-I 25/28/44/49/64/100	36371059DCI	36371060I
Quadro elettrico CE per MO-I 200 / CE control panel for MO-I 200	36371061DCI	36371061I
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 25/28/44/49 TF	36371101IBQ	
Quadro inverter/Control panel with frequency converter TF 400V-50Hz 0,75 kW -> MO-I 25/28/44/49 TF	36371102IBQ	
Quadro inverter/Control panel with frequency converter MF 230V-50Hz 1,5 kW -> MO-I 64/100 TF	36371098IBQ	
Quadro inverter/Control panel with frequency converter TF 400V-50Hz 1,5 kW -> MO-I 64/100 TF	36371097IBQ	
Quadro inverter/Control panel with frequency converter TF 400V-50Hz 4,0 kW -> MO-I 200 TF	36371100IBQ	

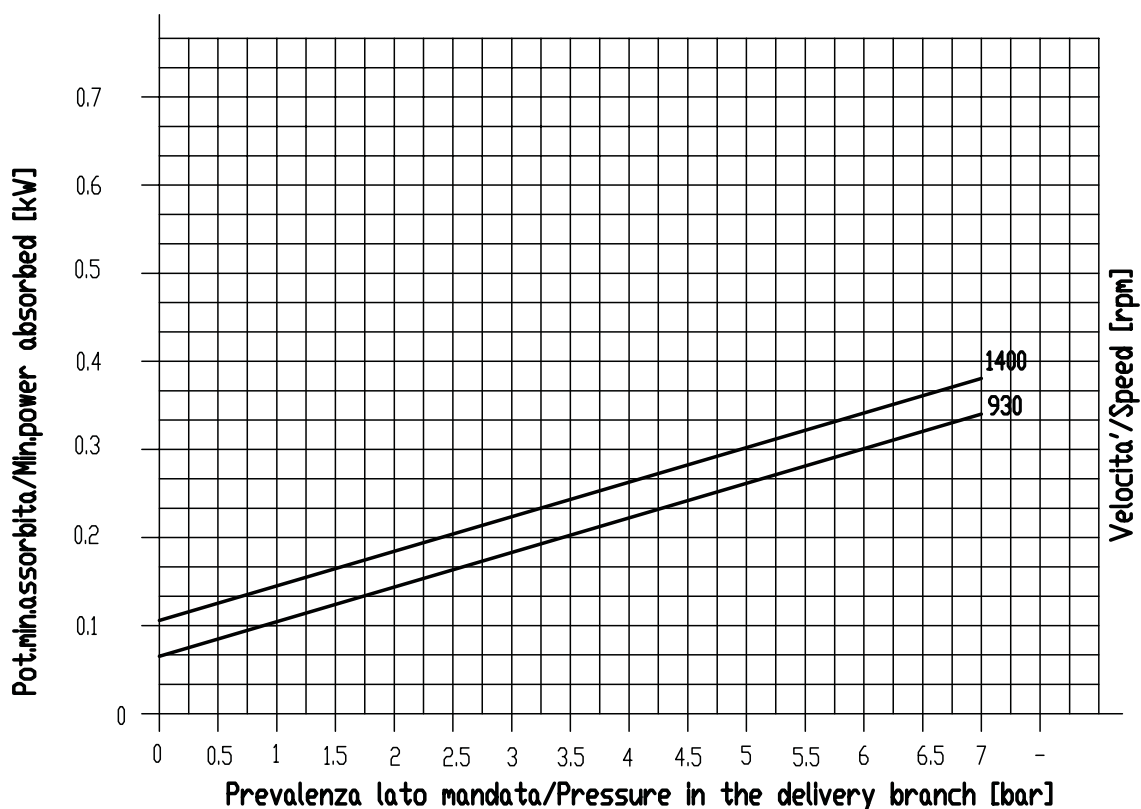
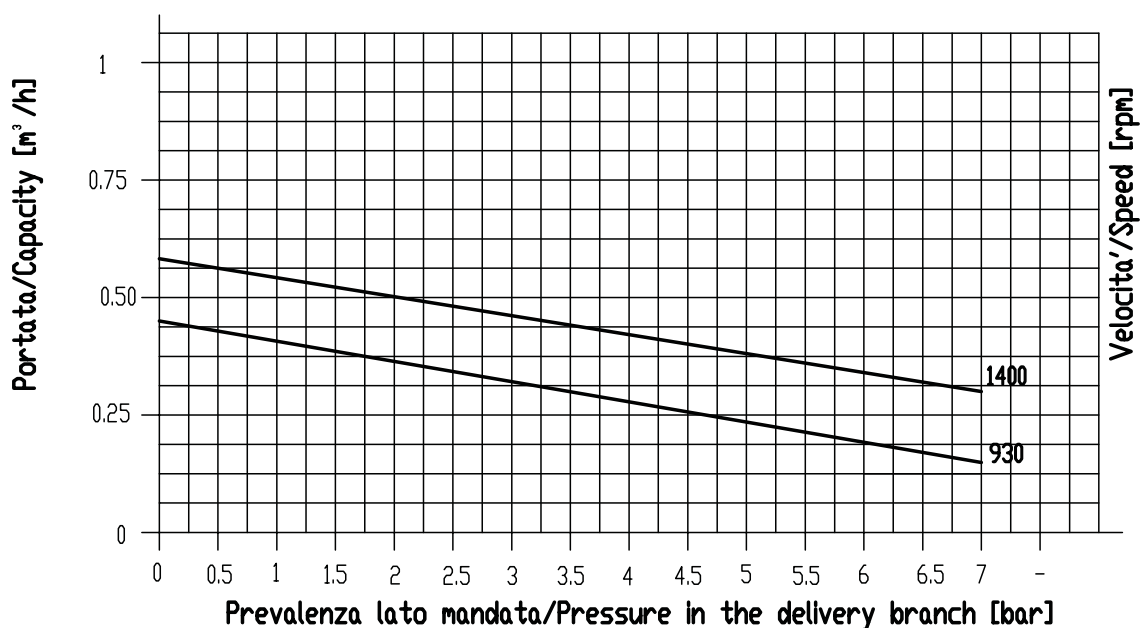
* MF = Monofase/Single Phase - TF = Trifase/Three Phase

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.



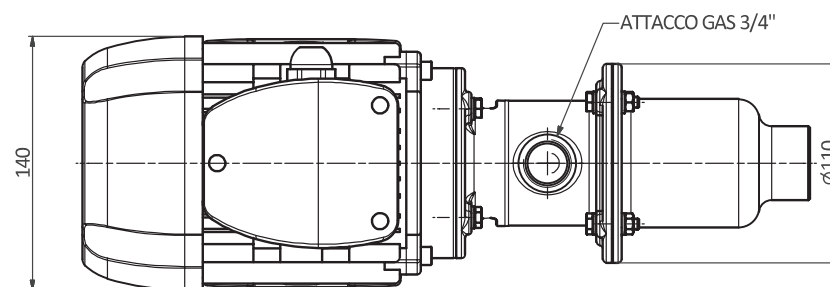
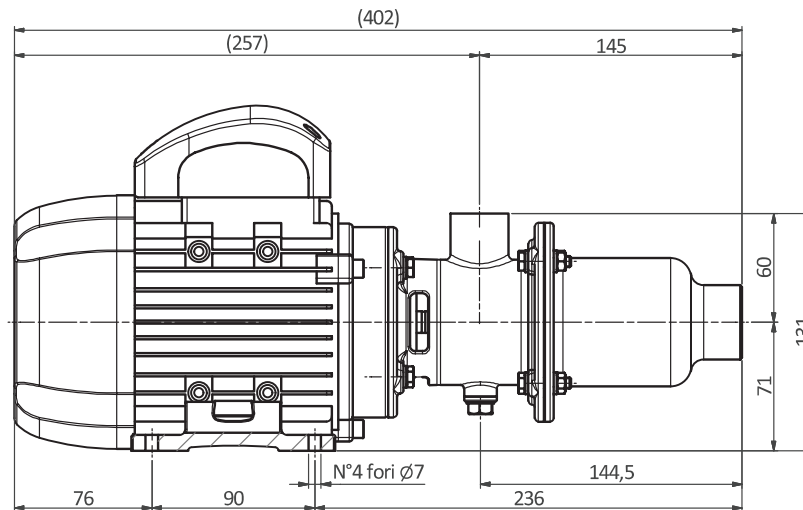
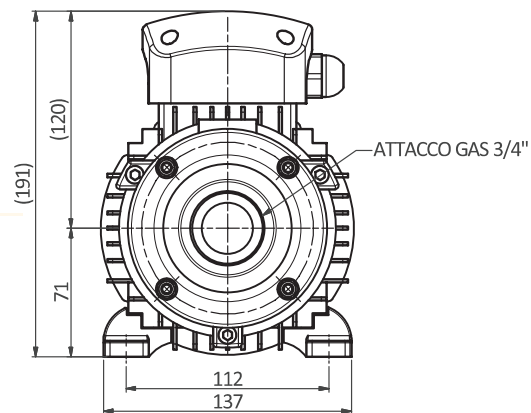
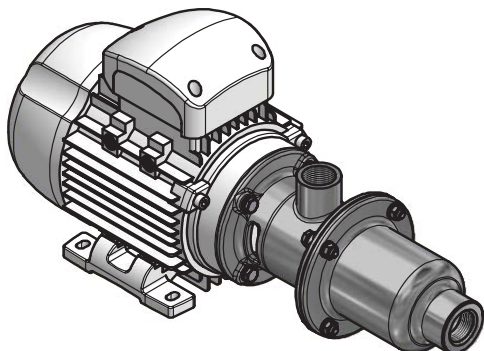
MO-I 25



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

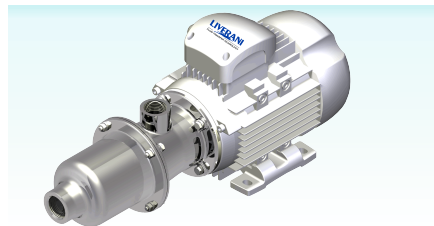
POTENZE MOTORI - POWER MOTORS

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	-



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

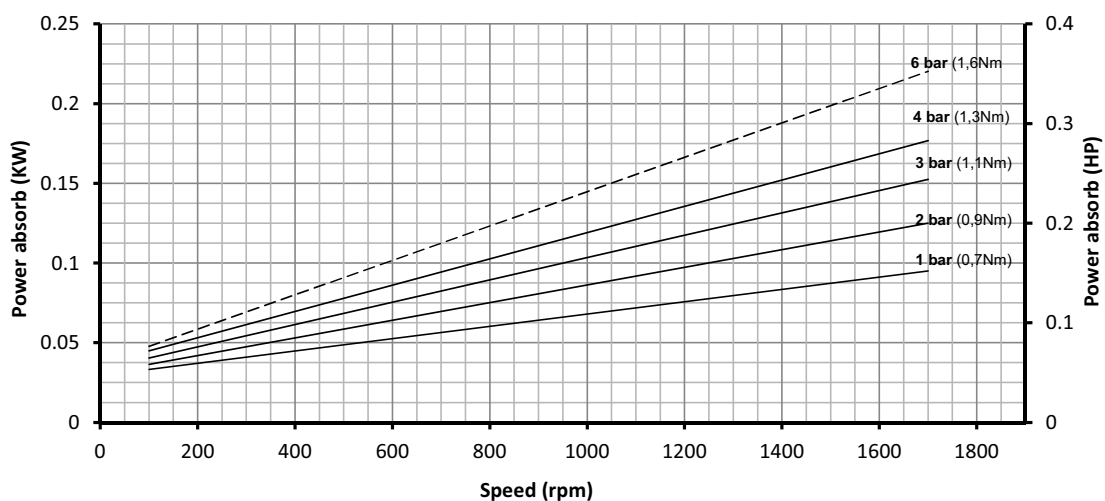
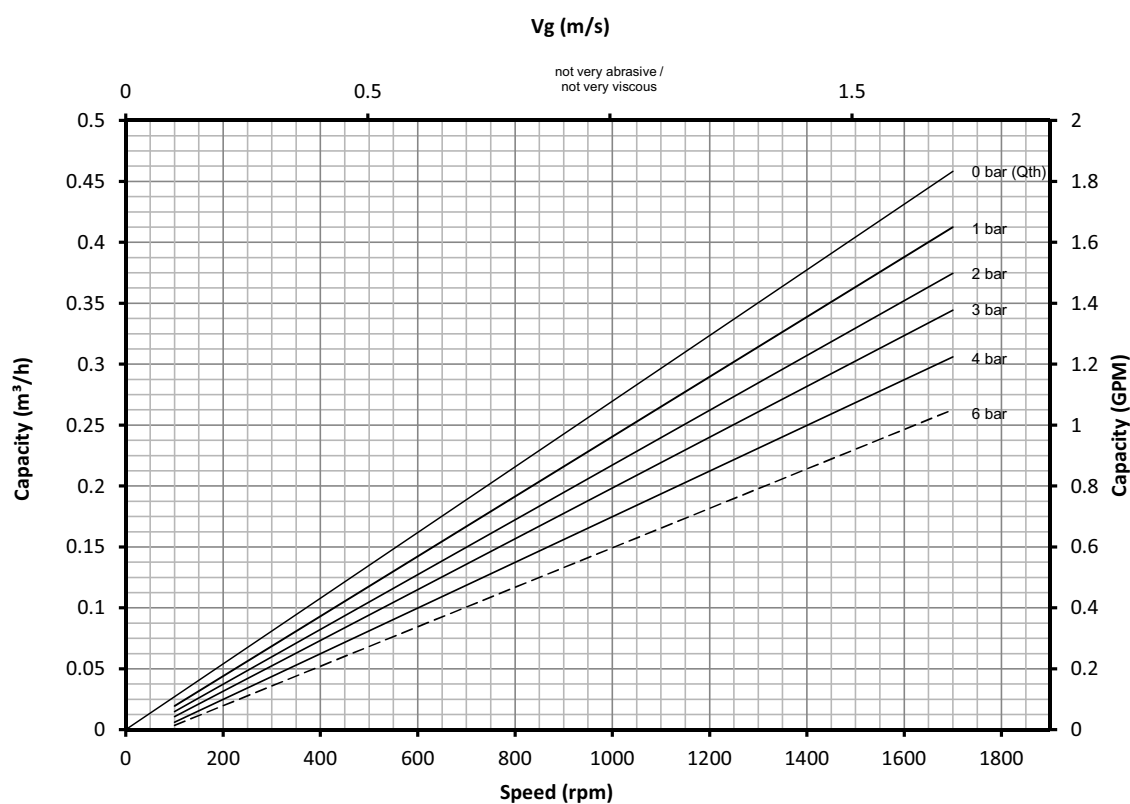
Data Based on clean Water 20° C / 65° F

SIZE

MO-I 28

Maximum Pressure based on Abrasivity

No	Low	Medium	High
4	2	/	/

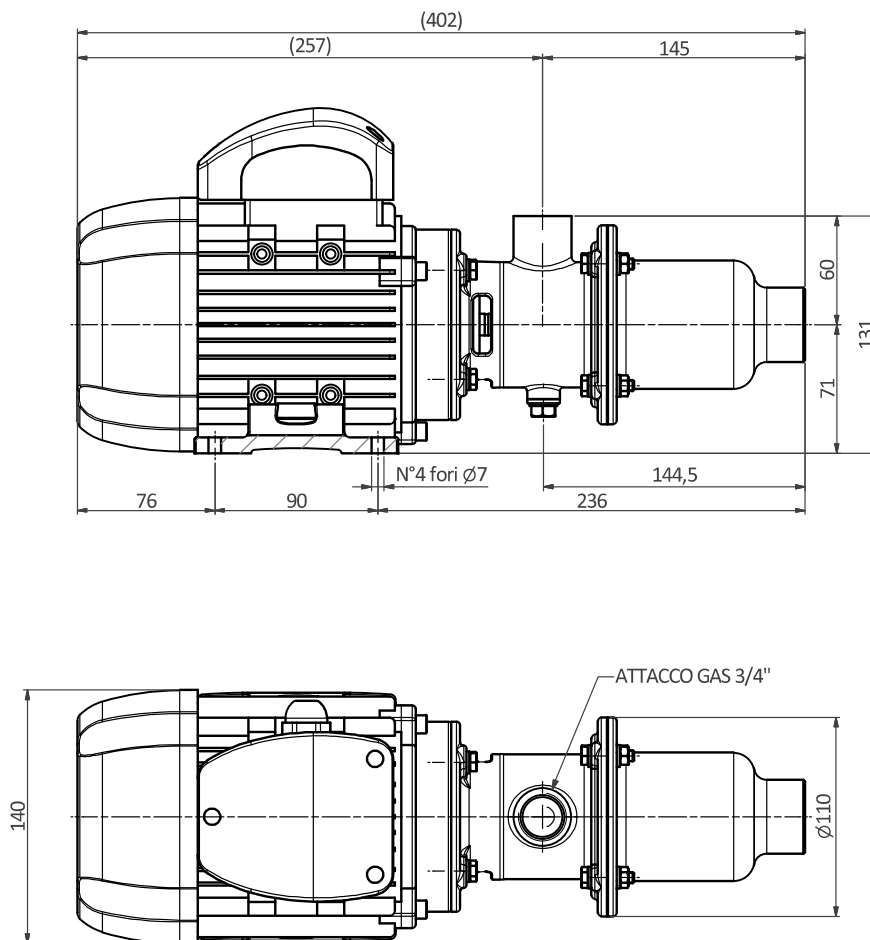
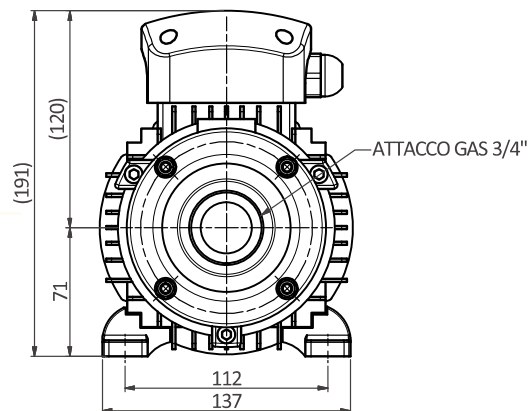
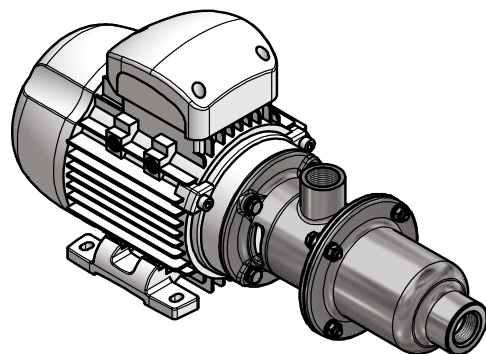


Starting Torque = Nm \ 0 lbs in

Performance tolerance ±10%

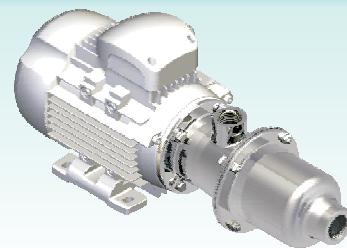
POTENZE MOTORI - POWER MOTORS

TYPE	4 poli / pole 1400 RPM	6 poli / pole 900 RPM	8 poli / pole 700 RPM
MO-I 28	0,25 Kw	0,18 Kw	-



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.

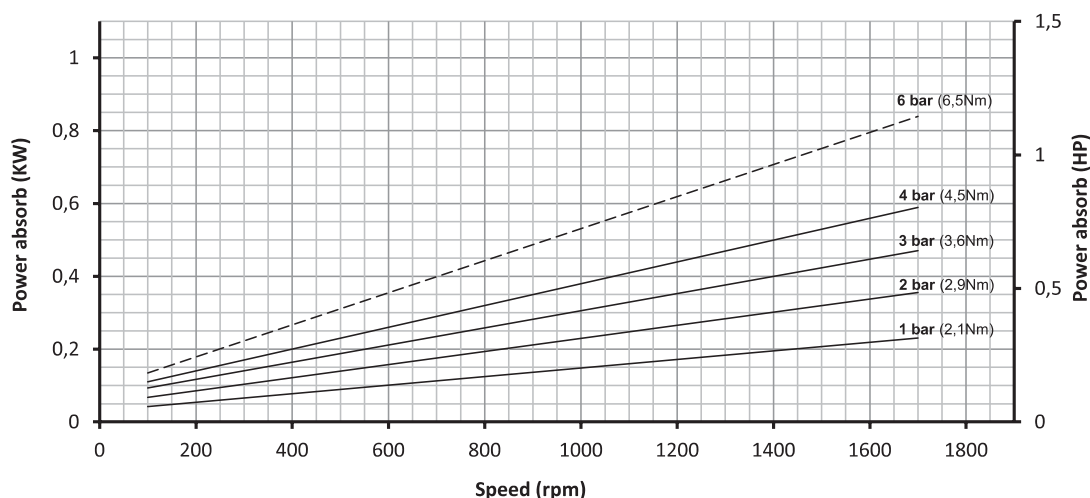
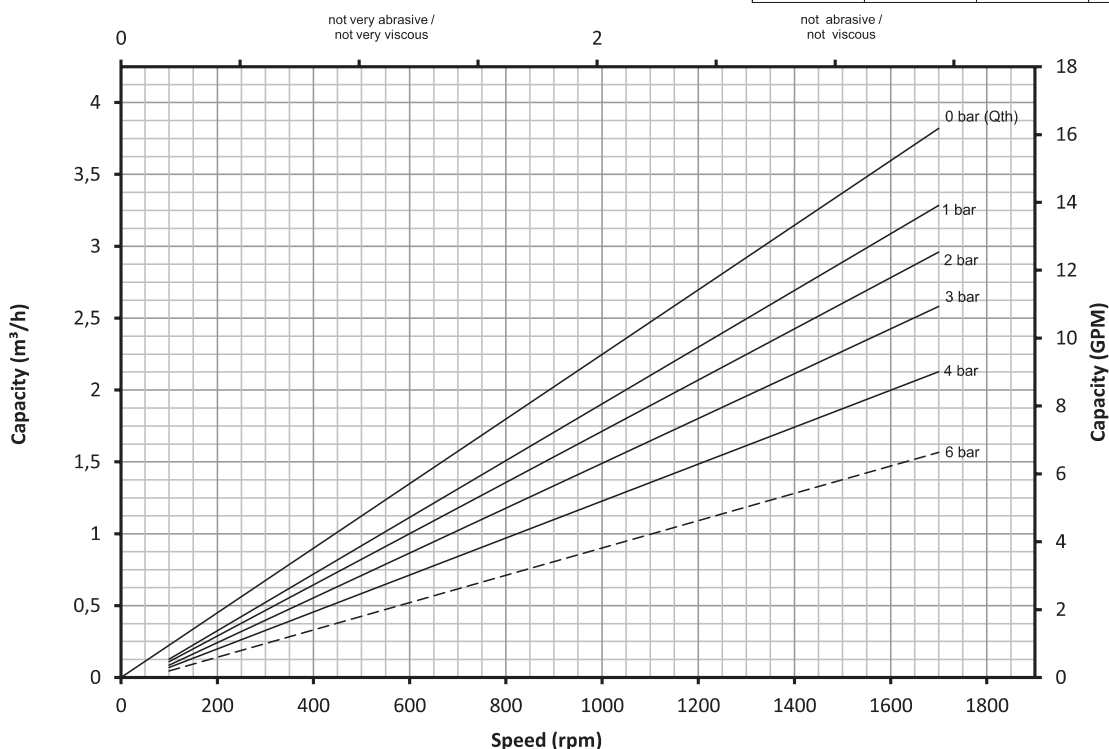


MO-I 44

Vg (m/s)

Maximum Pressure based on Abrasivity

No	Low	Medium	High
4	2	/	/



Starting Torque = Nm \ 0 lbs*in

Performance tolerance ±10%

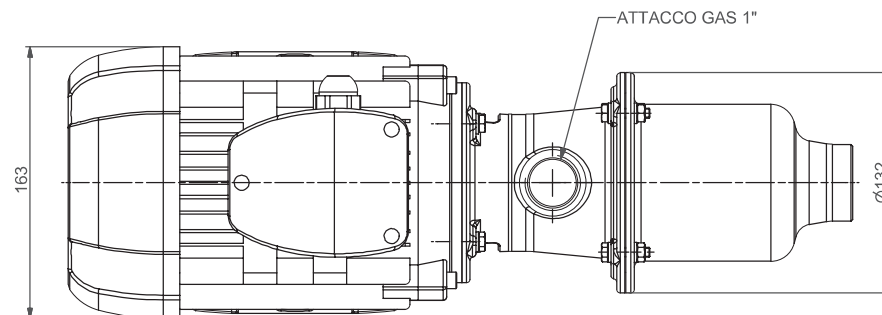
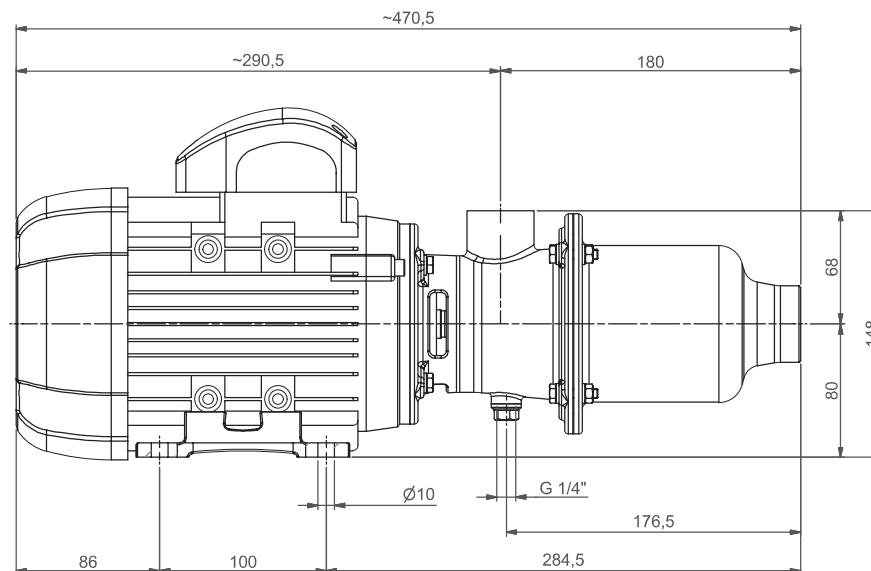
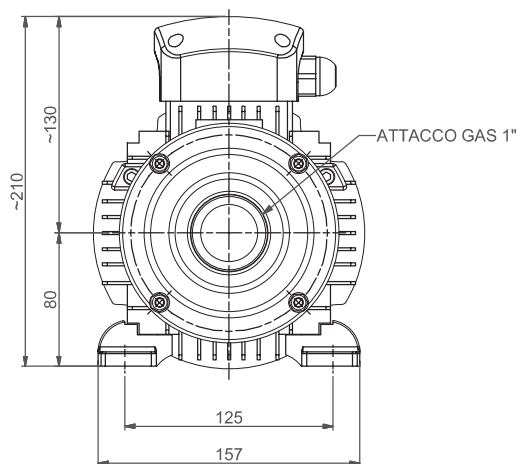
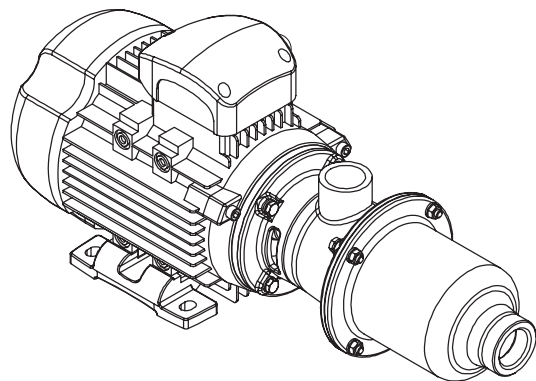
Curve valide considerando acqua a 20° e viscosità 1mm/s2
Curves are valid for airless water of 20°C viscosite 1mm/s2

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:



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.

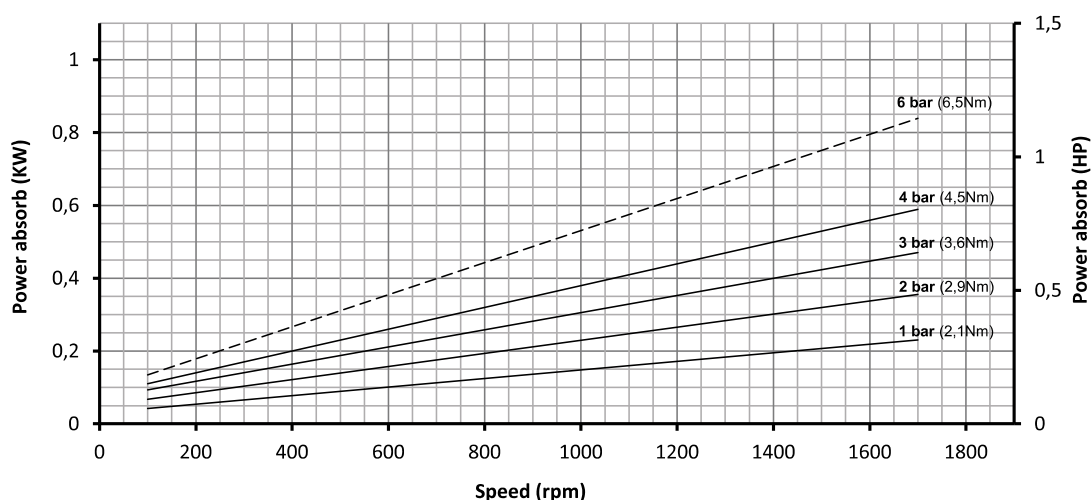
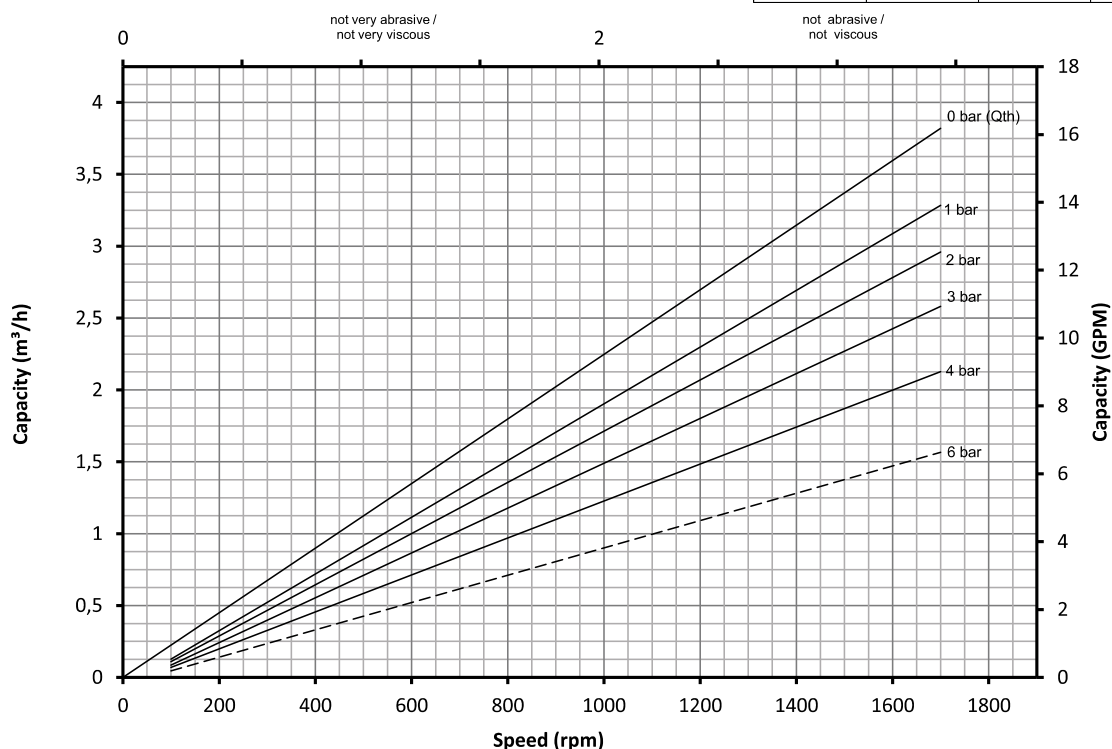
MO-I Type: Single screw pumps with stainless steel pump body for transfer of food and chemical fluids, heavy liquids also with solid parts in suspension, viscous like olive oil and in general all food oils.



MO-I 44 DC (CC)

Vg (m/s)

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



Starting Torque = Nm \ 0 lbs*in

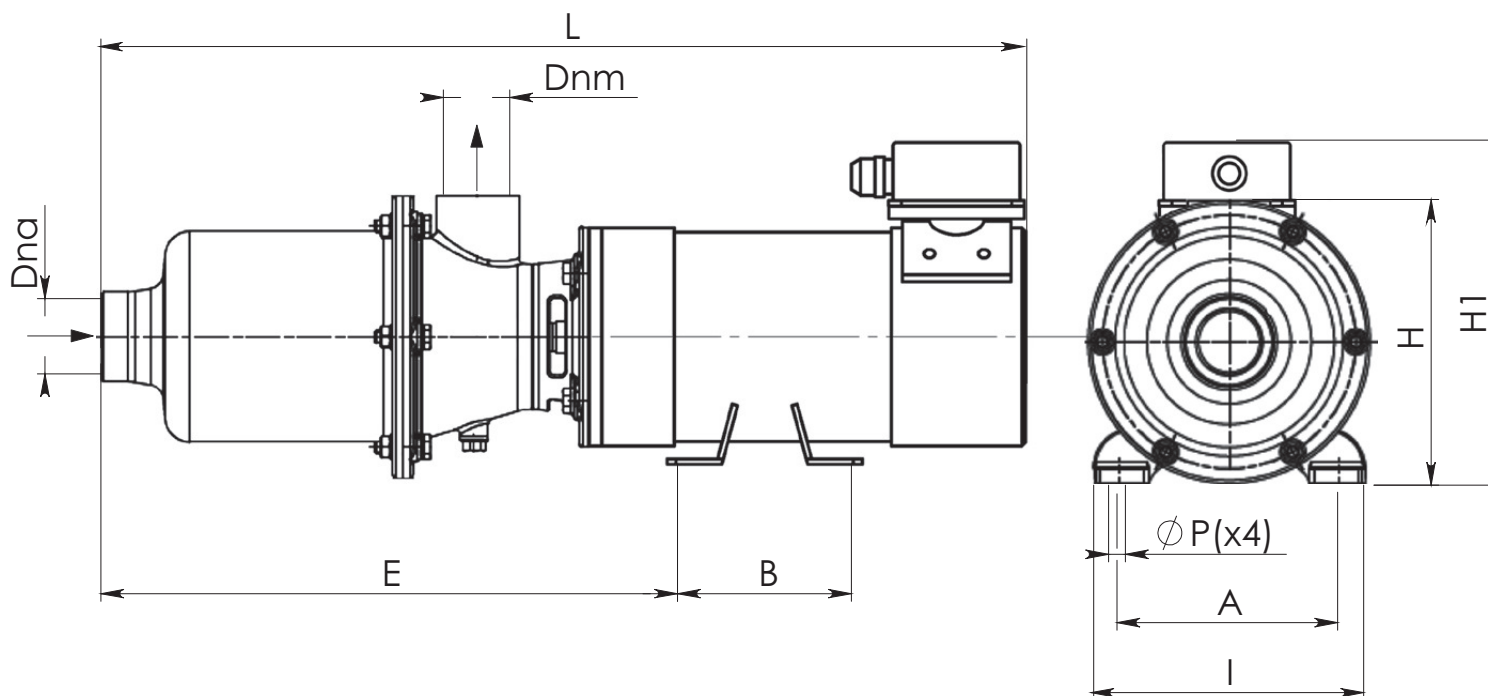
Performance tolerance $\pm 10\%$

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

DIMENSIONI NON IMPEGNATIVE - APPROXIMATE DIMENSIONS - DIMENSIONS APPROXIMATIVES

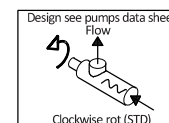
peso: 14 kg
weight:

MO-I 44 DC MOTOR KW 0,55
1400 r.p.m. 12 Volt DC
1400 r.p.m. 24 Volt DC



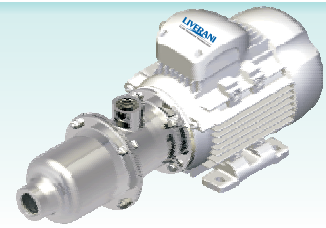
Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	E	H	H1	I	L	ØP	Peso Weight (kg)
MO-I 44	CC - DC	1"	1"	125	100	285	155	185	160	500	8	14

Misure in millimetri (mm) / Measures in millimeter (mm)



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.

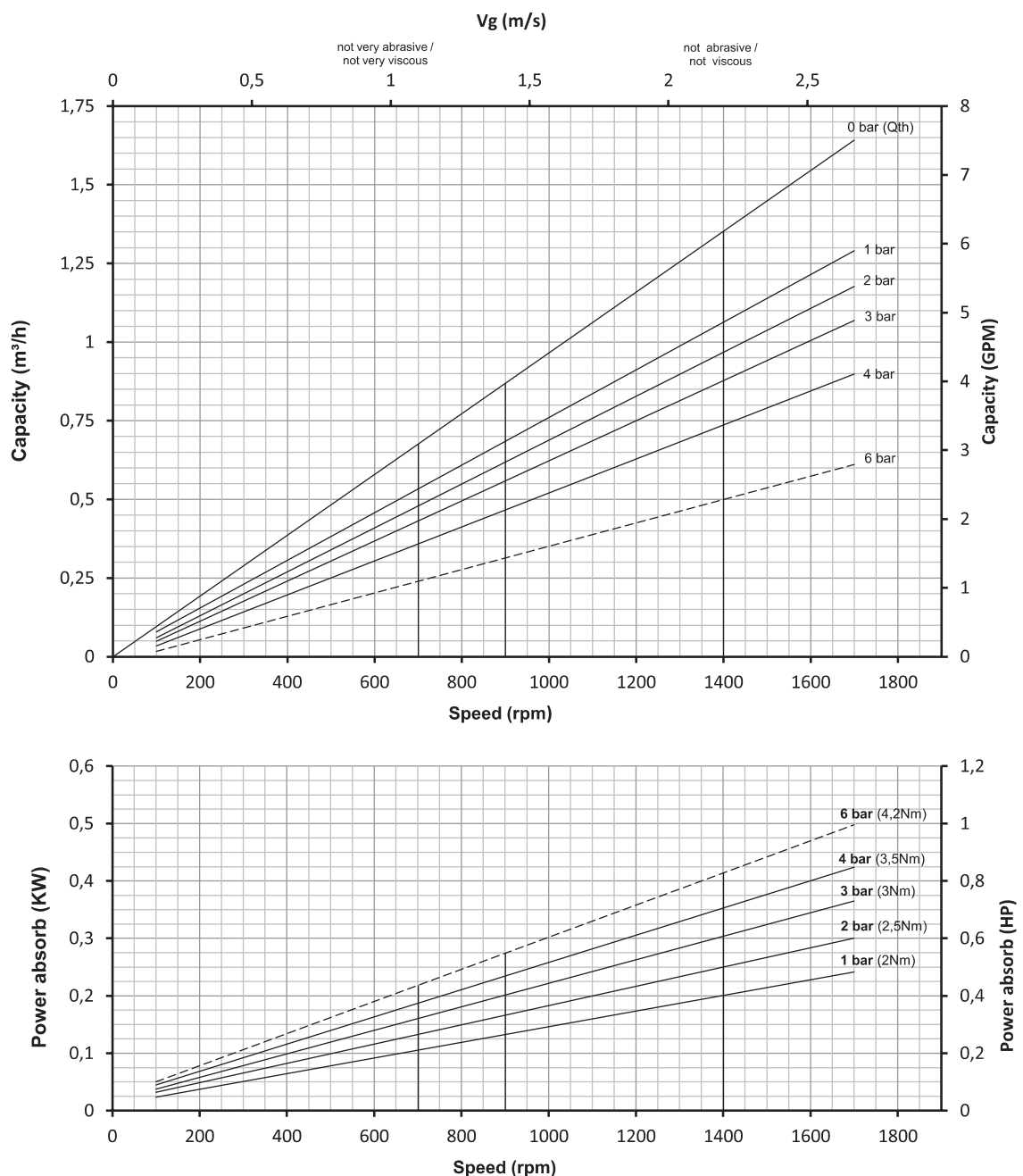
MO-I Type: Single screw pumps with stainless steel pump body for transfer of food and chemical fluids, heavy liquids also with solid parts in suspension, viscous like olive oil and in general all food oils.



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

MO-I 49

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

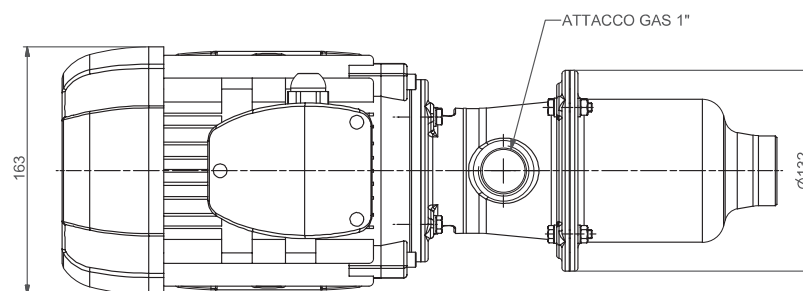
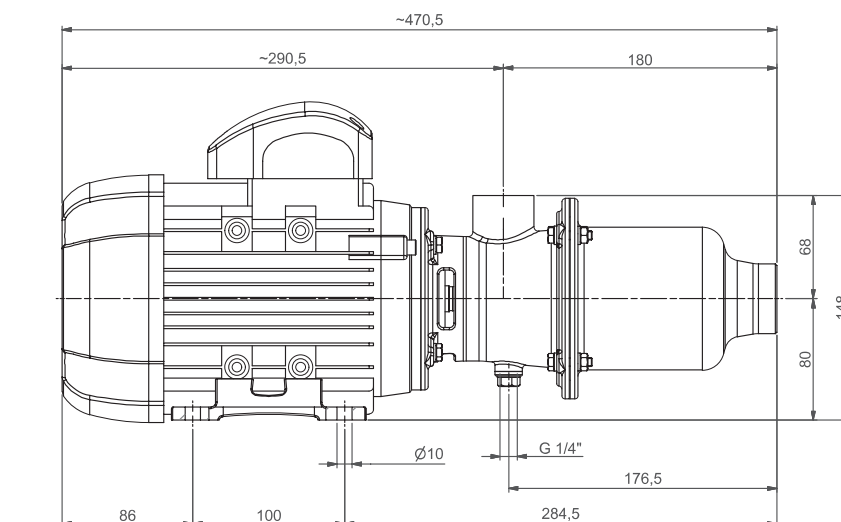
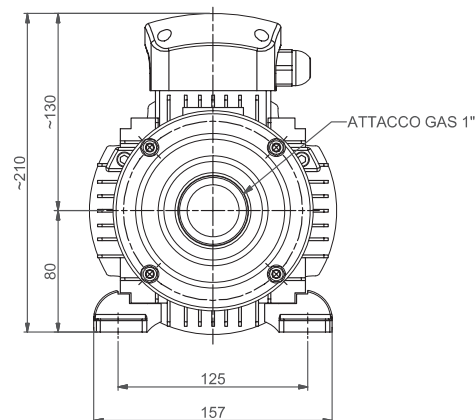
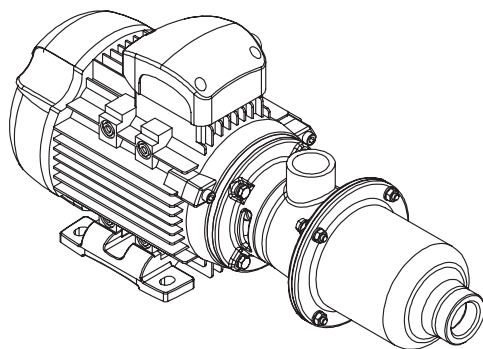


Starting Torque = Nm \ 0 lbs*in

Performance tolerance $\pm 10\%$

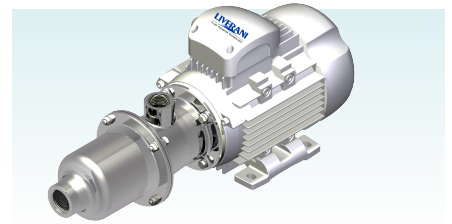
POTENZE MOTORI - POWER MOTORS

TYPE	4 poli / pole 1400 RPM	6 poli / pole 900 RPM	8 poli / pole 700 RPM
MO-I 49	0,55 Kw	0,55 Kw	0,25 Kw



Serie MO-I 64: 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 64 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.

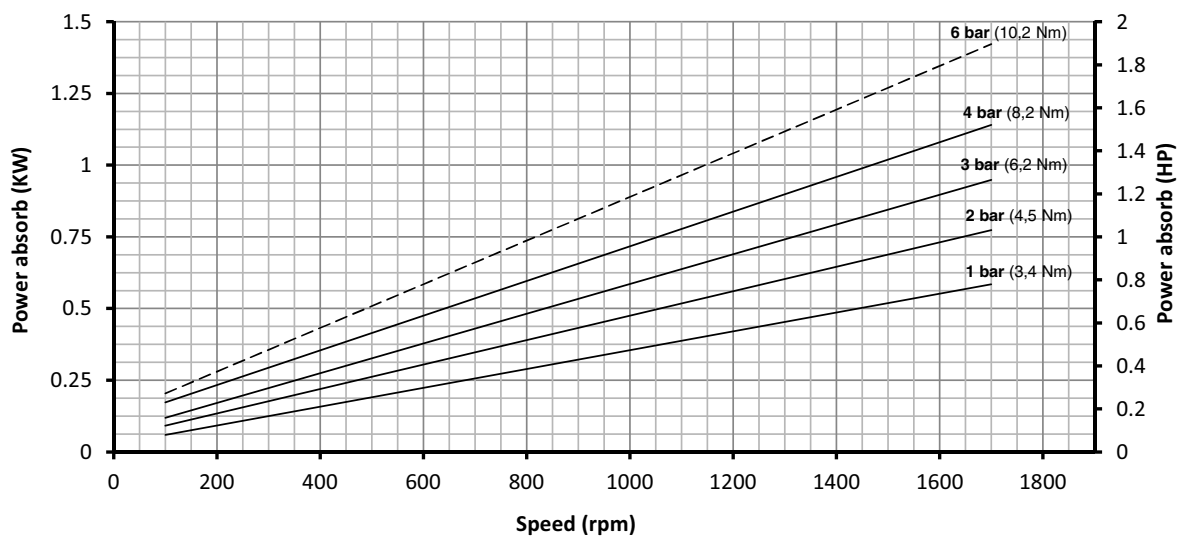
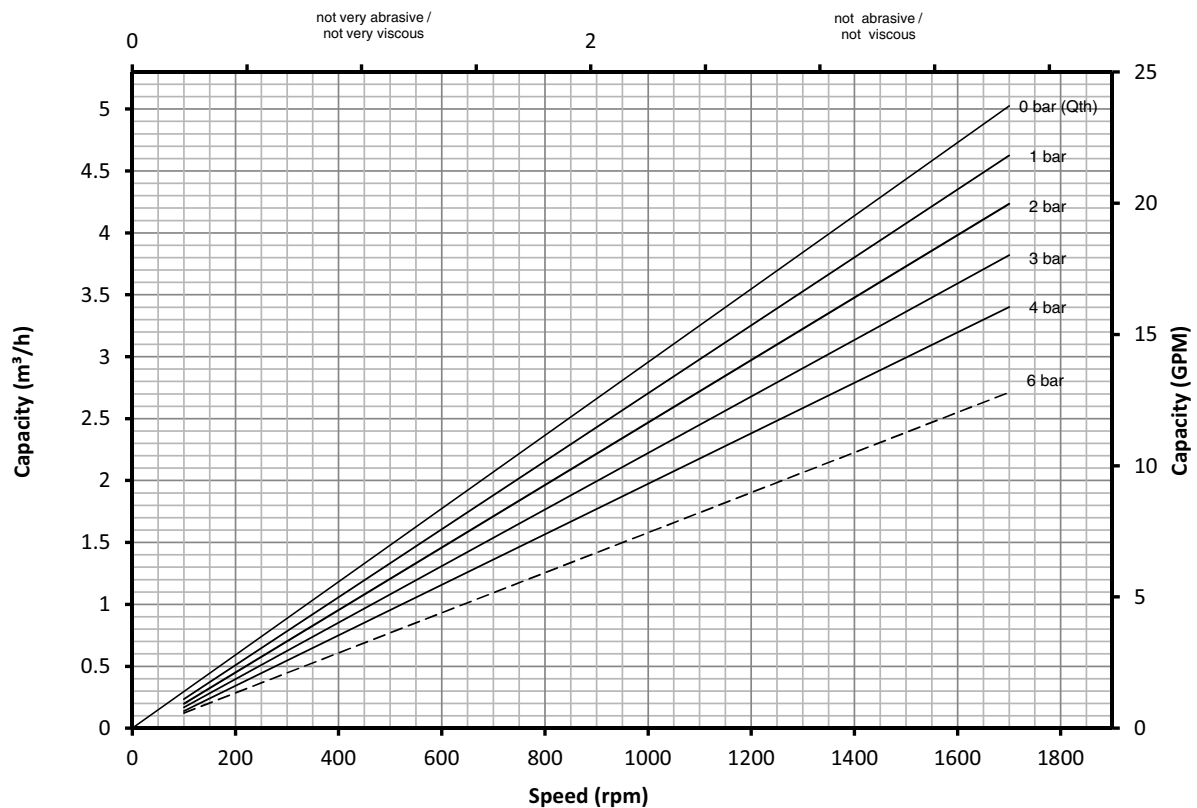


Data Based on clean Water 20° C / 65° F

MO-I 64

Vg (m/s)

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

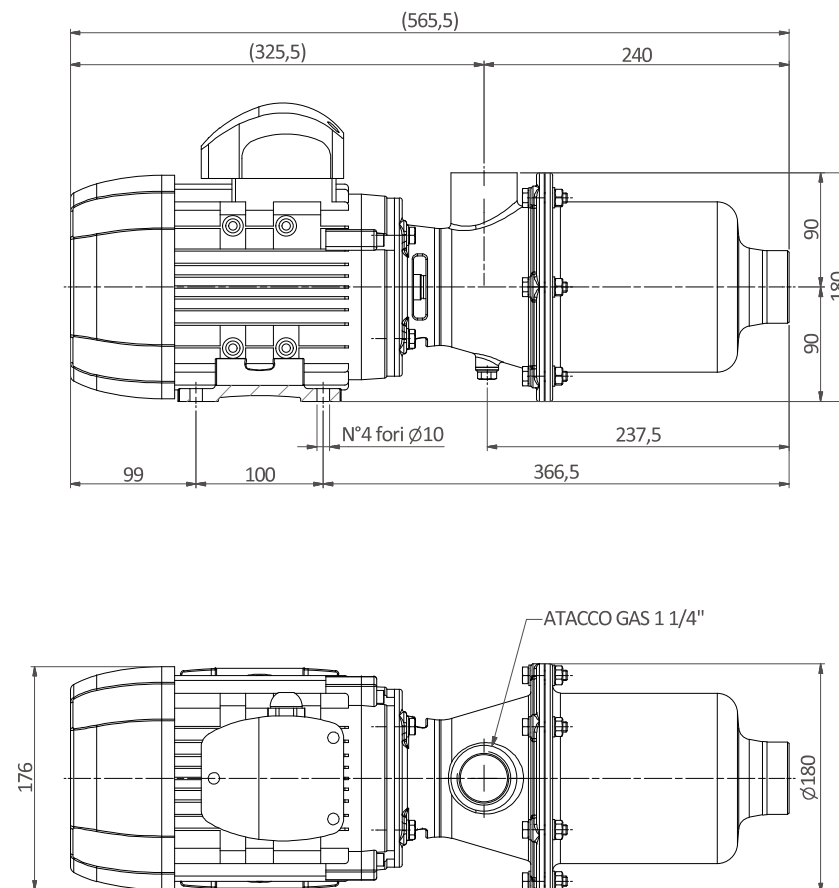
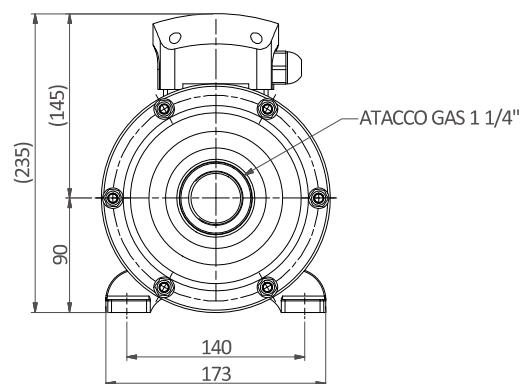
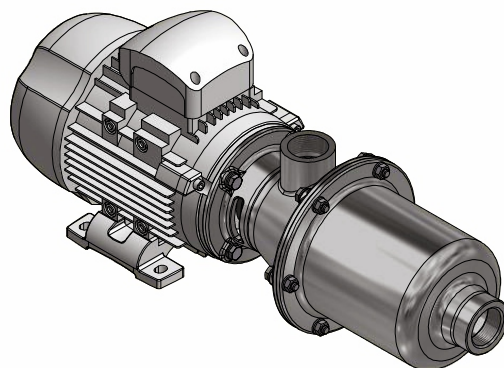


Starting Torque = Nm \ 0 lbs*in

Performance tolerance ±10%

POTENZE MOTORI - POWER MOTORS

TYPE	4 poli / pole 1400 RPM	6 poli / pole 900 RPM	8 poli / pole 700 RPM
MO-I 64	1,1 Kw	0,75 Kw	0,55 Kw



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

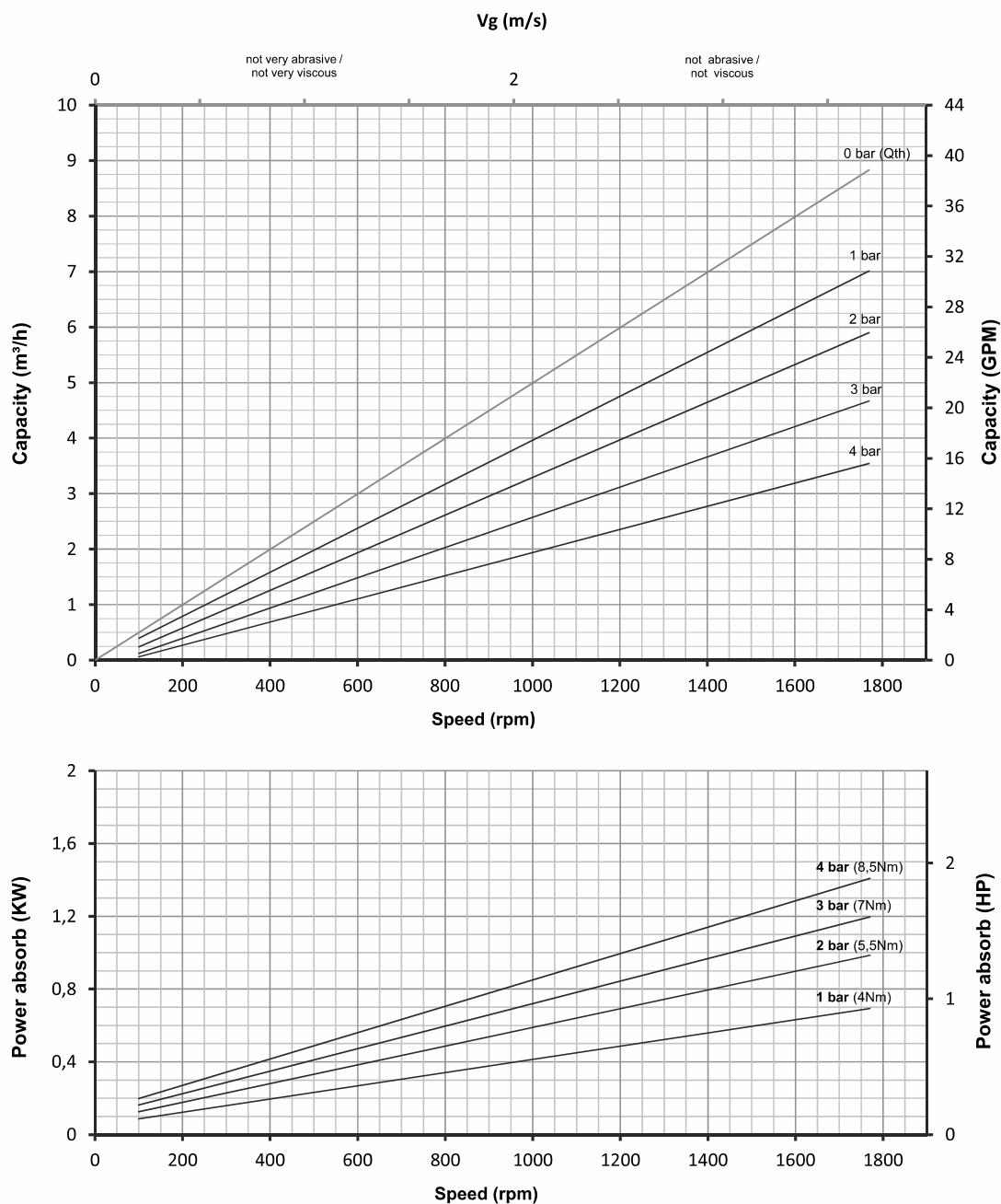
Data Based on clean Water 20° C / 65° F

RANGE

WOBBLE PUMPS

Maximum Pressure based on Abrasivity

No	Low	Medium	High
4	2	/	/



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

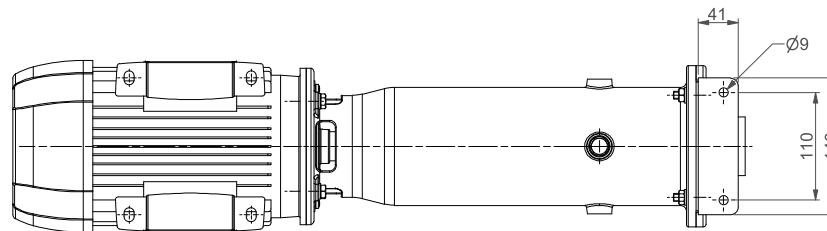
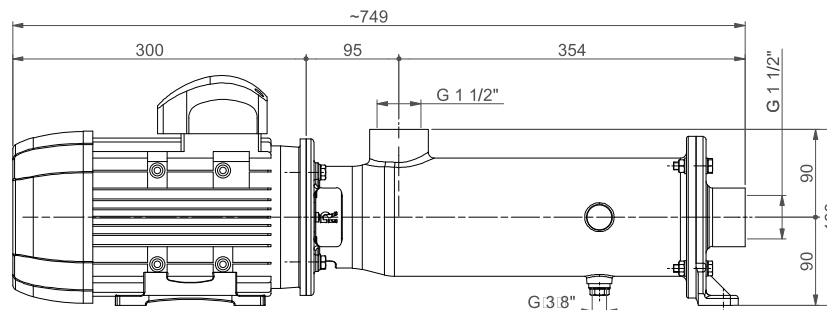
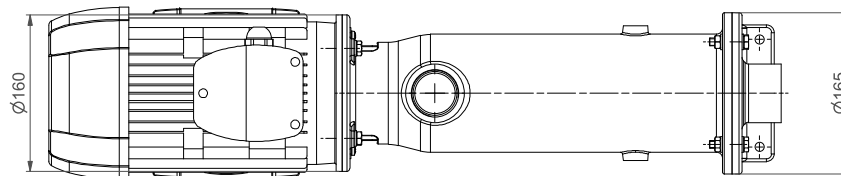
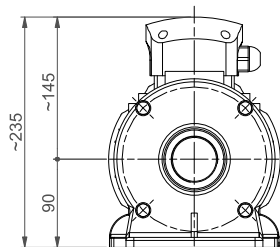
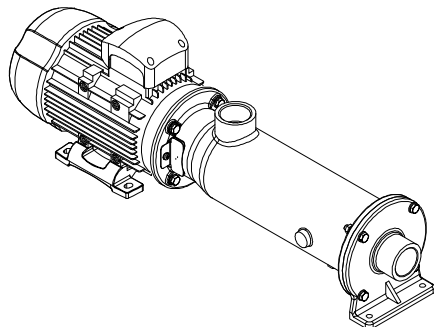
Performance tolerance ±10%

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:



SERIE / TYPE

MO-I 200

Elettropompe monovite Single screw pumps

LIVERANI
FLUID TRANSFER TECHNOLOGY

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

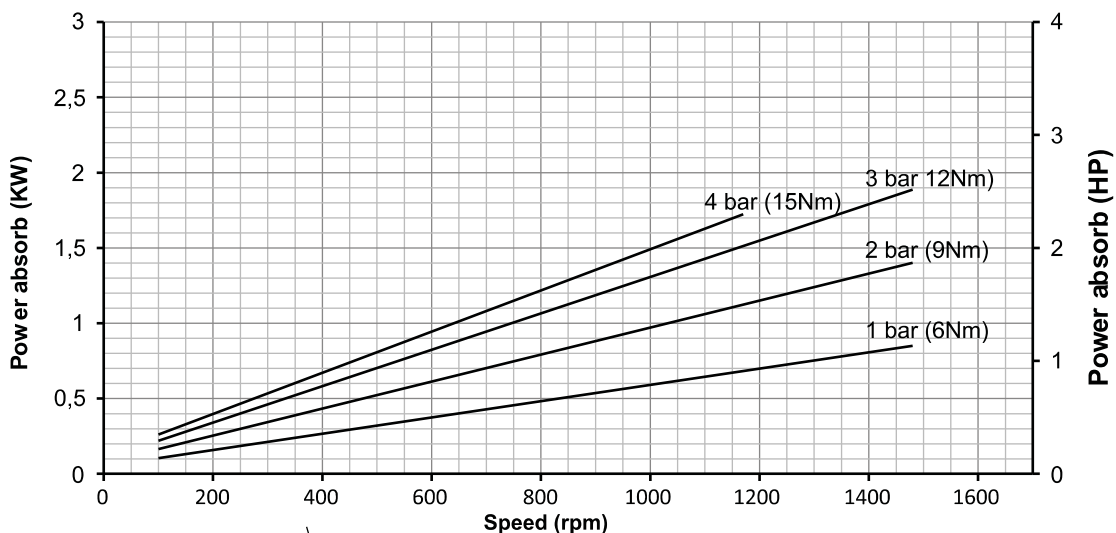
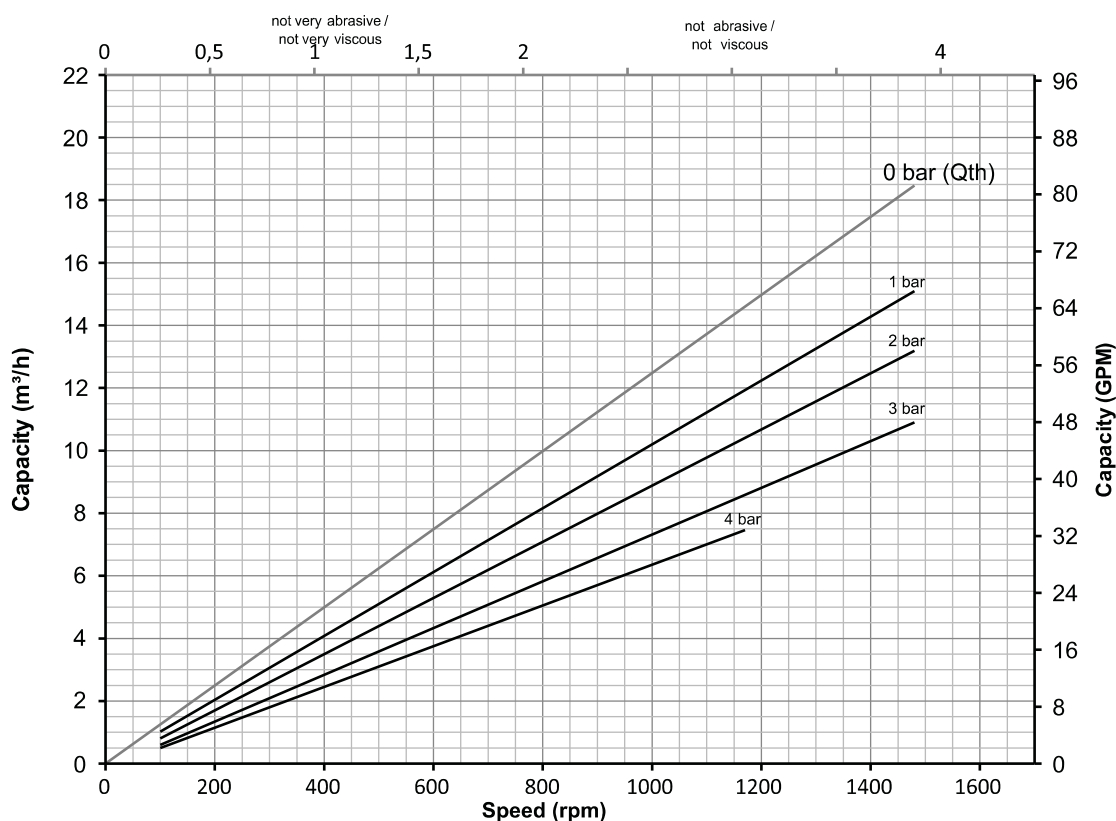
MO-I 200

Vg (m/s)

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

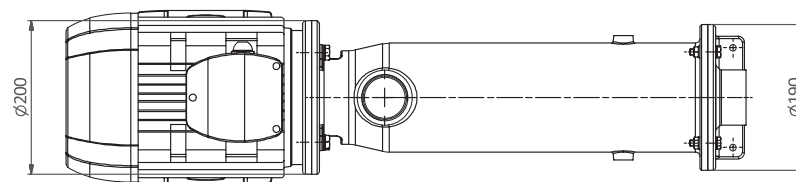
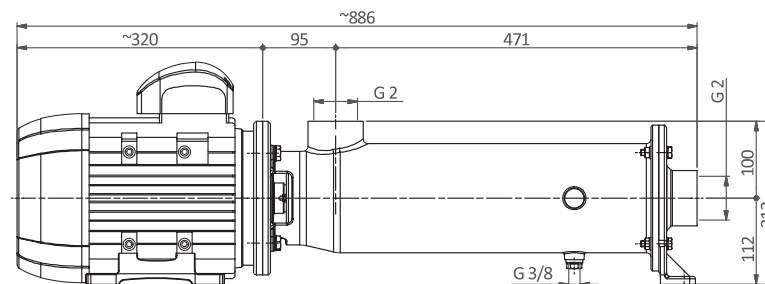
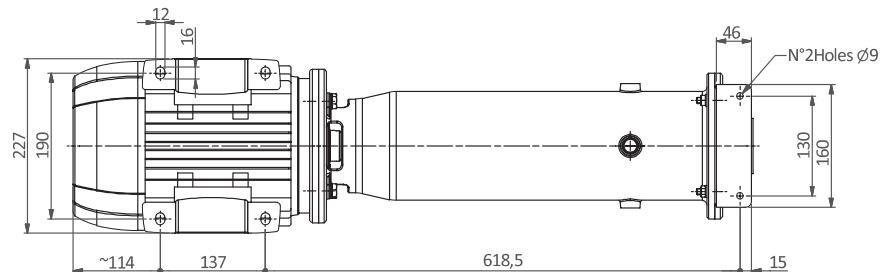
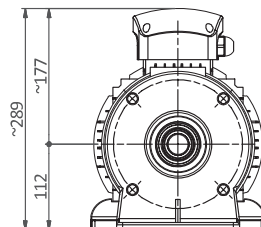
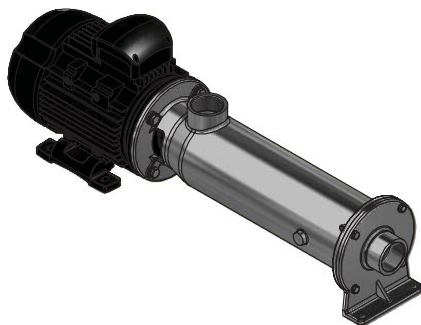
Performance tolerance ±10%

DIMENSIONI NON IMPEGNATIVE - APPROXIMATE DIMENSIONS - DIMENSIONS APPROXIMATIVES

MO-I 200 INOX

peso: 51 kg
weight:

KW 4,0 4 POLI - KW 2,2 6 POLI - KW 1,5 8 POLI

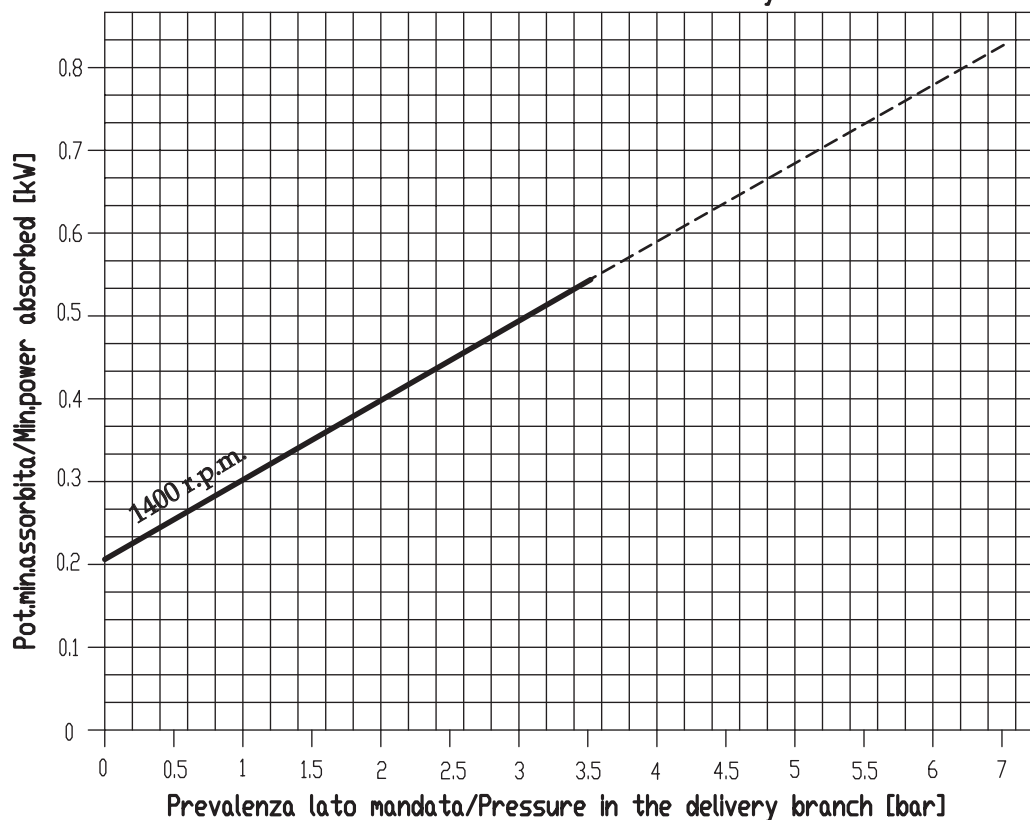
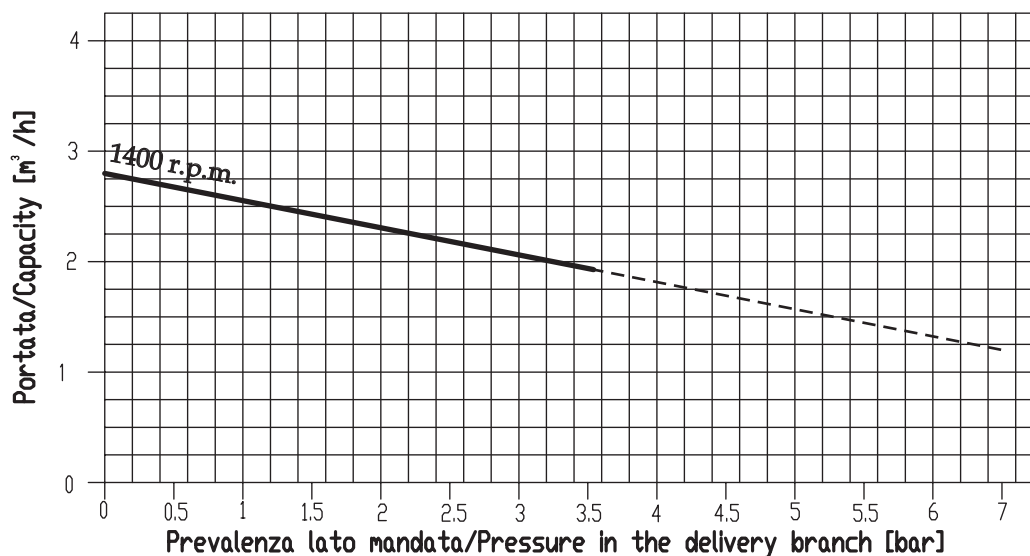


Serie MO-B: Pompe monovite con corpo in bronzo largamente utilizzate nel settore nautico per il trasferimento e lo svuotamento sulle imbarcazioni di: casse rifiuti, acque nere degli scarichi dei wc, liquidi pesanti anche con corpi in sospensione, liquidi particolarmente viscosi, oleosi come olii lubrificanti,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

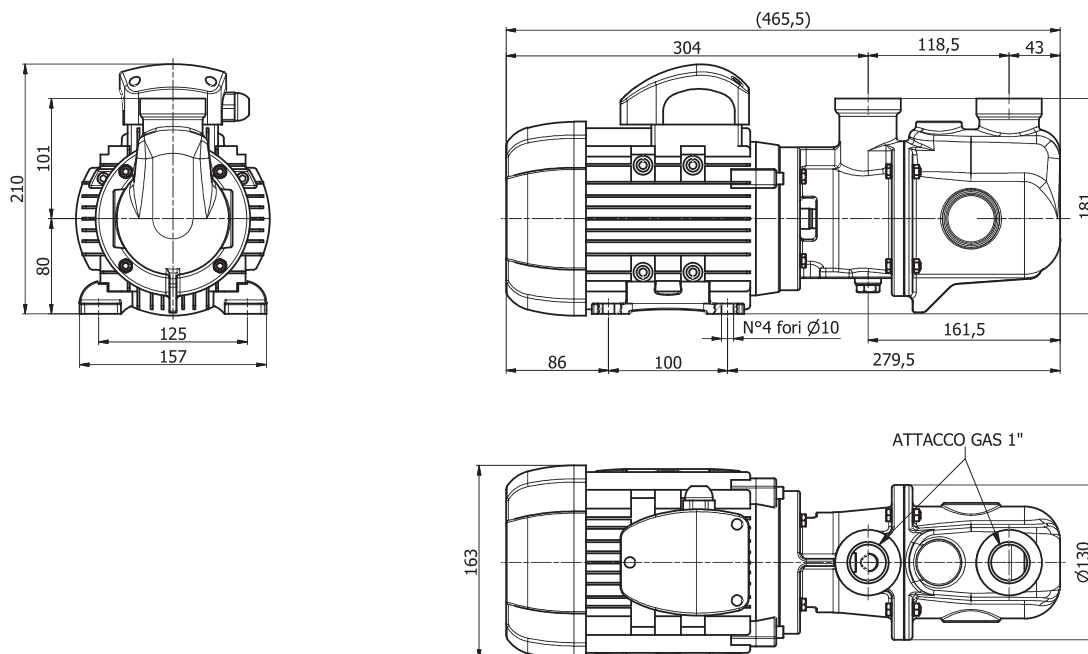


Curve valide considerando acqua a 20° e viscosità 1mm/s²
Curves are valid for airless water of 20°C viscosity 1mm/s²

DIMENSIONI NON IMPEGNATIVE - APPROXIMATE DIMENSIONS - DIMENSIONS APPROXIMATIVES

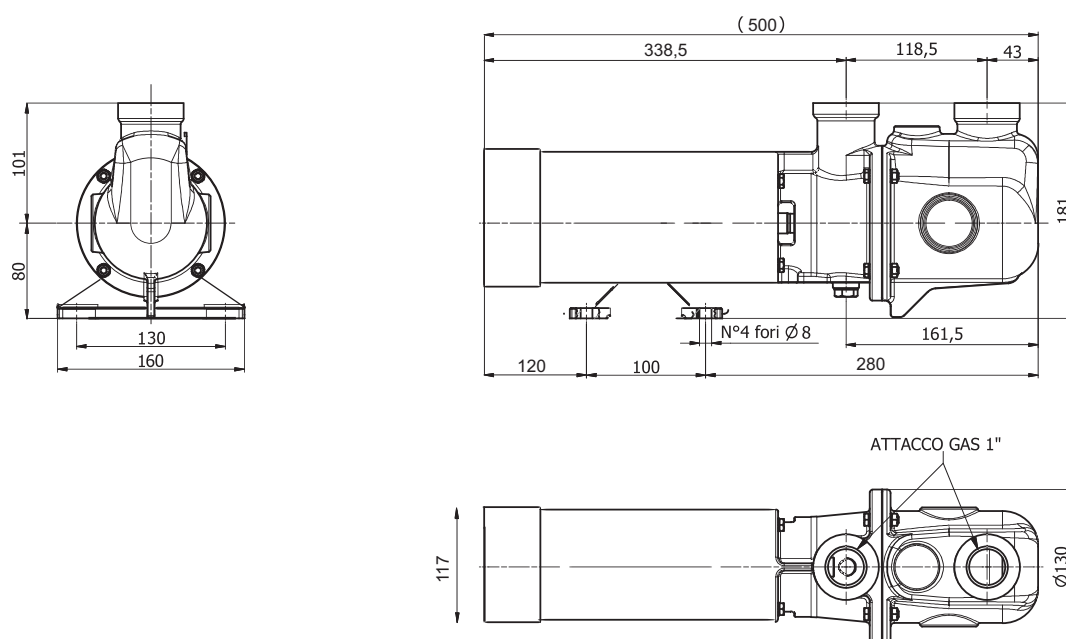
MO-B 44 A.C. MOTOR KW 0,55
1400 r.p.m. 230V 50Hz - 230/400V 50 HZ

peso: 16,5 kg
weight:



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

peso: 15 kg
weight:



LIVERANI
FLUID TRANSFER TECHNOLOGY

MO-B 44

Date 05/10/2007

MO-B 44 dim.