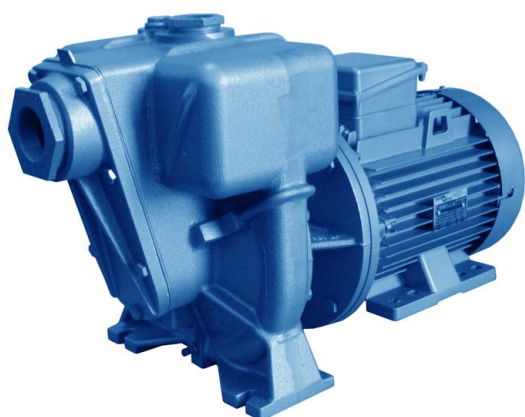




ORA A-15



CARATTERISTICHE

Elettropompe autoadesanti a girante aperta.

MATERIALI

- Corpo pompa in ghisa.
- Supporto in ghisa.
- Girante tipo "aperto" in ghisa.
- Albero in Acciaio inossidabile AISI 420.
- Tenuta meccanica "Ceramica-Grafite/NBR" (standard).

MOTORE ELETTRICO

Motore tipo chiuso, a ventilazione forzata.

Servizio continuo.

- Alimentazione trifase: a induzione 400-690v 50Hz, la protezione deve essere prevista dall'utilizzatore con salvamotore opportunamente tarato.

Altre tensioni e frequenze a richiesta.



FEATURES

Self-priming electric pumps, with open impeller.

MATERIALS

- Cast iron body.
- Cast iron flange.
- Cast iron "open type" impeller.
- AISI 420 Stainless Steel shaft.
- "Ceramic-Graphite/NBR rubber" mechanical seal (standard).

ELECTRIC MOTOR

Enclosed type motor with forced ventilation.

Non-stop service.

- Three phase: 400-690v 50Hz induction motor, protection to be carried out by the user: motor protector suitably adjusted.

Other tensions and frequencies on request.



CARACTÉRISTIQUES

Électropompes autoamorçantes avec turbine ouverte.

MATÉRIAUX

- Corps de pompe en fonte.
- Support en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MOTEUR ÉLECTRIQUE

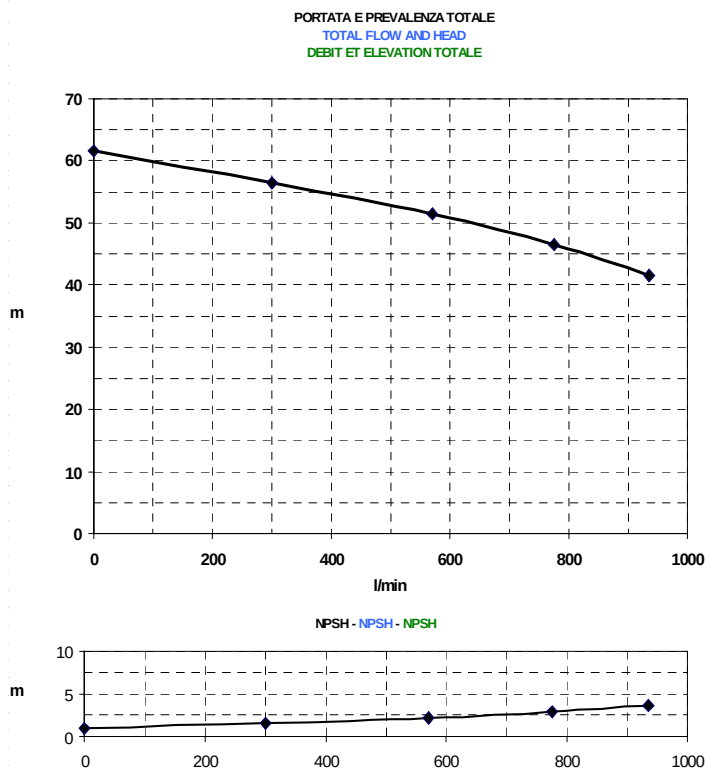
Moteur électrique de type fermé, à ventilation forcée.

Service continu.

- Alimentation triphasée: à induction 400-690v 50Hz, l'utilisateur doit étalonner lui-même le dispositif de protection du moteur.

Autres tensions et fréquences sur demande.

CURVE DI FUNZIONAMENTO E CARATTERISTICHE A 2800 GIRI/MIN
PERFORMANCES CURVES AND SPECIFICATIONS AT 2800 RPM
COURBES ET CARACTÉRISTIQUES DE FONCTIONNEMENT À 2800 TPM



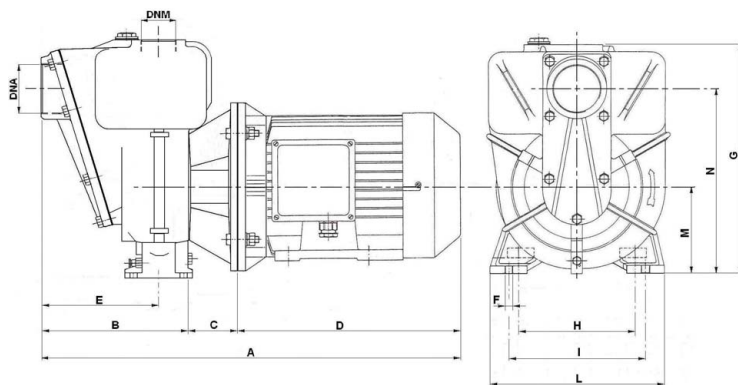
Aspirazione massima = 7 m.
Prestazioni totali rilevate a 15°C con aspirazione 4 m.
 $\gamma = 1 \text{ kg/dm}^3$.

Max. suction = 7 m.
Total performances obtained at 15°C with 4 m height suction.
 $\gamma = 1 \text{ kg/dm}^3$.

Max. en aspiration = 7 m.
Performances totales remarquées à 15°C avec aspiration 4 m.
 $\gamma = 1 \text{ kg/dm}^3$.

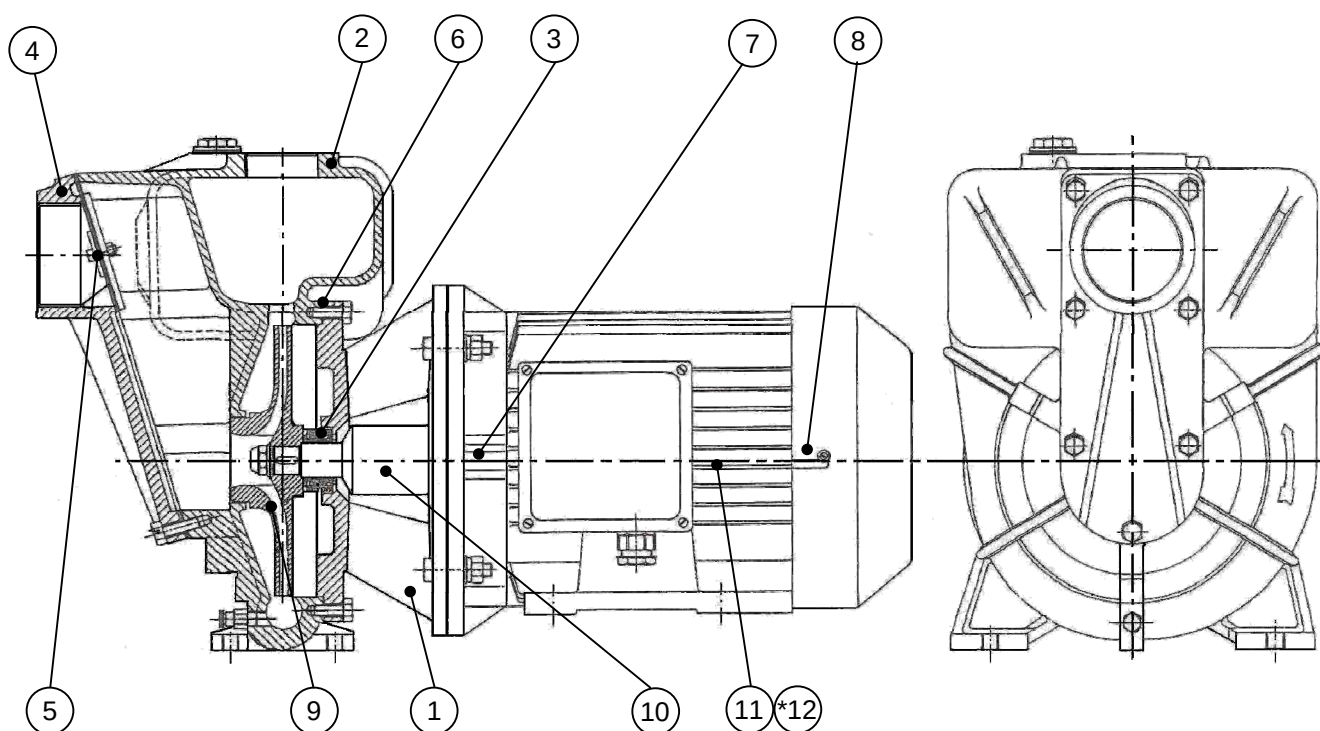
	TIPO POMPA PUMP TYPE TYPE POMPE	CODICE CODE CODE	HP KW	TENSIONE TENSION TENSION		CONDENSATORE CAPACITOR CONDENSATEUR		Q [l/min] ----- H [m] total		
						MF	VC			
Trifase Three phase Triphasée	ORA A-15-T	23341.00	15 11	400 V	Max	-	-	935	775	570
				50 Hz	23 A			---	---	---
				690 V	Max			41.5	46.5	51.5
				50 Hz	13.3 A					

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - PERFORMANCES CURVES AND SPECIFICATIONS: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE

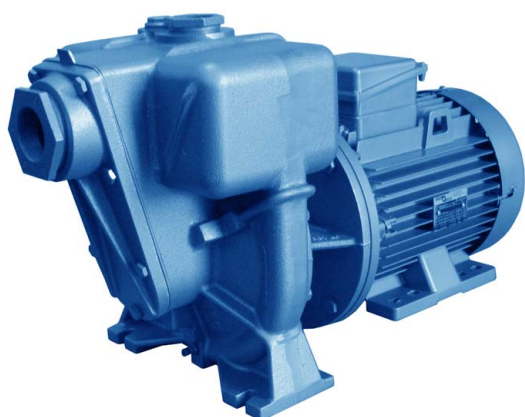


DNM	DNA	A	B	C	D	E	F
3" GAS	3" GAS	840	246	168	455	205	Ø 16
G	H	I	L	M	N	Peso Weight Poids	
421	255	325	350	161	336	Kg 145	

SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			ORA A-15-T 23341.00
1	Flangia	Flange	Flasque	22385.01
2	Corpo	Casing	Corps	23385.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	12150.22
4	Coperchio	Cover	Couvercle	22385.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	22385.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	22385.06
7	Cuscinetto anteriore	Front bearing	Coussinet antérieur	-
8	Cuscinetto posteriore	Back bearing	Coussinet postérieur	-
9	Girante	Impeller	Turbine	23340.99
10	Albero e rotore	Shaft and rotor	Arbre et rotor	-
11	Motore elettrico	Electric motor	Moteur électrique	21565.43
* 12	Statore avvolto con carcassa	Winded stator with casing	Stator bobiné avec carcasse	* -



ORA A-20



CARATTERISTICHE

Elettropompe autoadesanti a girante aperta.

MATERIALI

- Corpo pompa in ghisa.
- Supporto in ghisa.
- Girante tipo "aperto" in ghisa.
- Albero in Acciaio inossidabile AISI 420.
- Tenuta meccanica "Ceramica-Grafite/NBR" (standard).

MOTORE ELETTRICO

Motore tipo chiuso, a ventilazione forzata.

Servizio continuo.

- Alimentazione trifase: a induzione 400-690v 50Hz, la protezione deve essere prevista dall'utilizzatore con salvamotore opportunamente tarato.

Altre tensioni e frequenze a richiesta.



FEATURES

Self-priming electric pumps, with open impeller.

MATERIALS

- Cast iron body.
- Cast iron flange.
- Cast iron "open type" impeller.
- AISI 420 Stainless Steel shaft.
- "Ceramic-Graphite/NBR rubber" mechanical seal (standard).

ELECTRIC MOTOR

Enclosed type motor with forced ventilation.

Non-stop service.

- Three phase: 400-690v 50Hz induction motor, protection to be carried out by the user: motor protector suitably adjusted.

Other tensions and frequencies on request.



CARACTÉRISTIQUES

Électropompes autoamorçantes avec turbine ouverte.

MATÉRIAUX

- Corps de pompe en fonte.
- Support en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MOTEUR ÉLECTRIQUE

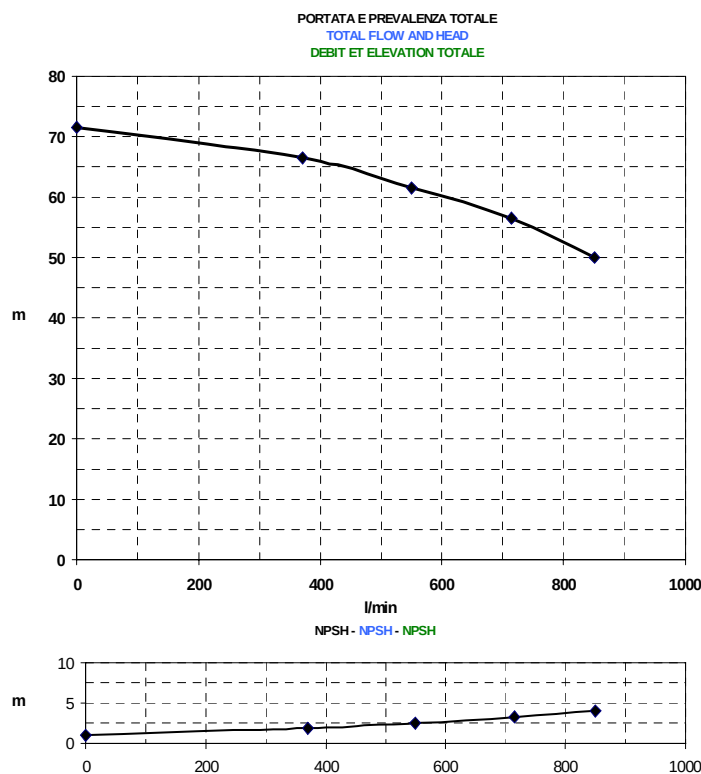
Moteur électrique de type fermé, à ventilation forcée.

Service continu.

- Alimentation triphasée: à induction 400-690v 50Hz, l'utilisateur doit étalonner lui-même le dispositif de protection du moteur.

Autres tensions et fréquences sur demande.

CURVE DI FUNZIONAMENTO E CARATTERISTICHE A 2800 GIRI/MIN
PERFORMANCES CURVES AND SPECIFICATIONS AT 2800 RPM
COURBES ET CARACTÉRISTIQUES DE FONCTIONNEMENT À 2800 TPM



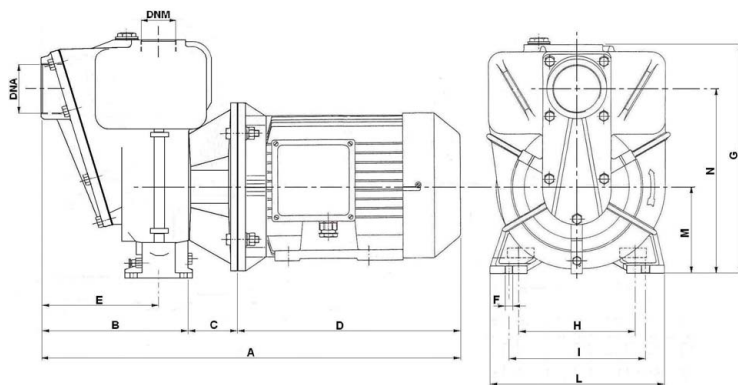
	TIPO POMPA PUMP TYPE TYPE POMPE	CODICE CODE CODE	HP KW	TENSIONE TENSION TENSION		CONDENSATORE CAPACITOR CONDENSATEUR		Q [l/min] H [m] total		
						MF	VC			
Trifase Three phase Triphasée	ORA A-20-T	23348.00	20 15	400 V	Max	-	-	850	715	370
				50 Hz	32 A			---	---	---
				690 V	Max			50	56.5	66.5
				50 Hz	18.5 A					

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - PERFORMANCES CURVES AND SPECIFICATIONS: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE

Aspirazione massima = 7 m.
Prestazioni totali rilevate a 15°C con aspirazione 4 m.
Y = 1 kg/dm³.

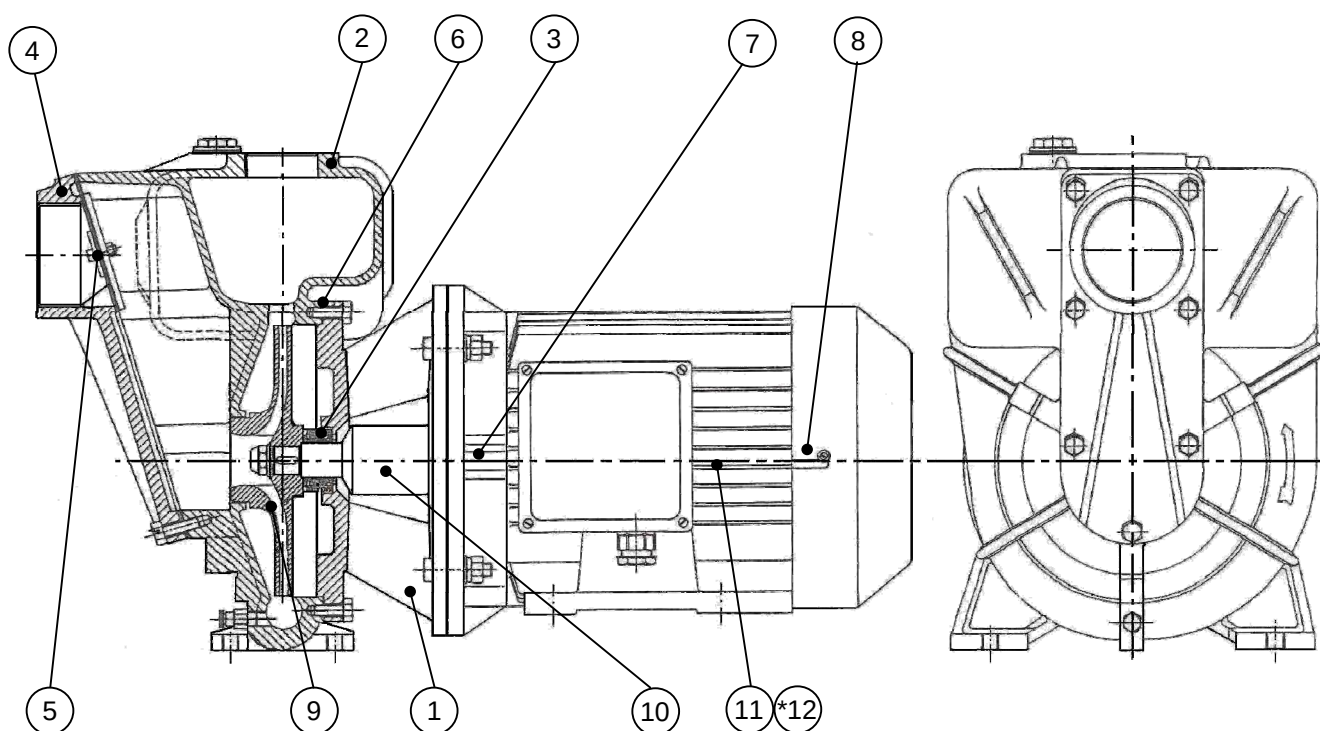
Max. suction = 7 m.
Total performances obtained at 15°C with 4 m height suction.
Y = 1 kg/dm³.

Max. en aspiration = 7 m.
Performances totales remarquées à 15°C avec aspiration 4 m.
Y = 1 kg/dm³.

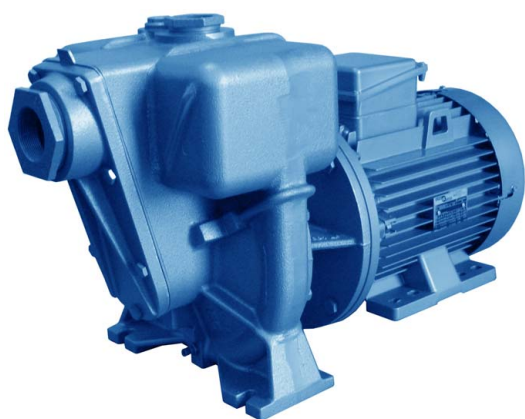


DNM	DNA	A	B	C	D	E	F
3" GAS	3" GAS	840	246	168	455	205	Ø 16
G	H	I	L	M	N	Peso Weight Poids	
421	255	325	350	161	336	Kg 145	

SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			ORA A-20-T 23348.00
1	Flangia	Flange	Flasque	22385.01
2	Corpo	Casing	Corps	23385.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	12150.22
4	Coperchio	Cover	Couvercle	22385.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	22385.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	22385.06
7	Cuscinetto anteriore	Front bearing	Coussinet antérieur	-
8	Cuscinetto posteriore	Back bearing	Coussinet postérieur	-
9	Girante	Impeller	Turbine	23348.99
10	Albero e rotore	Shaft and rotor	Arbre et rotor	-
11	Motore elettrico	Electric motor	Moteur électrique	22385.43
* 12	Statore avvolto con carcassa	Winded stator with casing	Stator bobiné avec carcasse	* -



ORA A-25



CARATTERISTICHE

Elettropompe autoadesanti a girante aperta.

MATERIALI

- Corpo pompa in ghisa.
- Supporto in ghisa.
- Girante tipo "aperto" in ghisa.
- Albero in Acciaio inossidabile AISI 420.
- Tenuta meccanica "Ceramica-Grafite/NBR" (standard).

MOTORE ELETTRICO

Motore tipo chiuso, a ventilazione forzata.

Servizio continuo.

- Alimentazione trifase: a induzione 400-690v 50Hz, la protezione deve essere prevista dall'utilizzatore con salvamotore opportunamente tarato.

Altre tensioni e frequenze a richiesta.



FEATURES

Self-priming electric pumps, with open impeller.

MATERIALS

- Cast iron body.
- Cast iron flange.
- Cast iron "open type" impeller.
- AISI 420 Stainless Steel shaft.
- "Ceramic-Graphite/NBR rubber" mechanical seal (standard).

ELECTRIC MOTOR

Enclosed type motor with forced ventilation.

Non-stop service.

- Three phase: 400-690v 50Hz induction motor, protection to be carried out by the user: motor protector suitably adjusted.

Other tensions and frequencies on request.



CARACTÉRISTIQUES

Électropompes autoamorçantes avec turbine ouverte.

MATÉRIAUX

- Corps de pompe en fonte.
- Support en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MOTEUR ÉLECTRIQUE

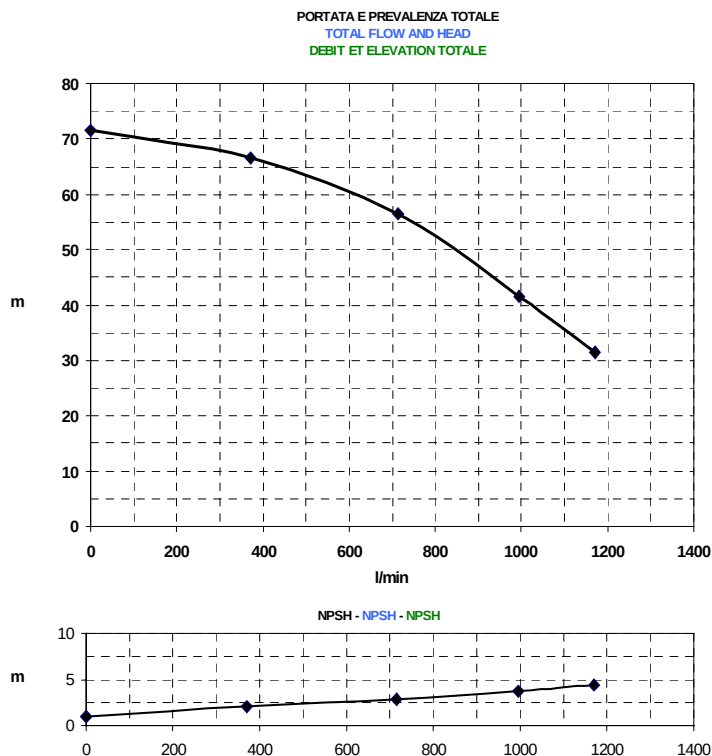
Moteur électrique de type fermé, à ventilation forcée.

Service continu.

- Alimentation triphasée: à induction 400-690v 50Hz, l'utilisateur doit étalonner lui-même le dispositif de protection du moteur.

Autres tensions et fréquences sur demande.

CURVE DI FUNZIONAMENTO E CARATTERISTICHE A 2800 GIRI/MIN
PERFORMANCES CURVES AND SPECIFICATIONS AT 2800 RPM
COURBES ET CARACTÉRISTIQUES DE FONCTIONNEMENT À 2800 TPM



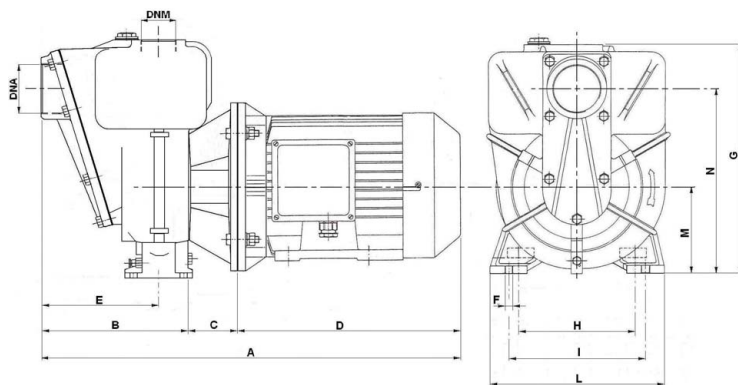
	TIPO POMPA PUMP TYPE TYPE POMPE	CODICE CODE CODE	HP KW	TENSIONE TENSION TENSION		CONDENSATORE CAPACITOR CONDENSATEUR		Q [l/min] H [m] total		
						MF	VC			
Trifase Three phase Triphasée	ORA A-25-T	23351.00	25 18.5	400 V 50 Hz	Max 37 A	-	-	800 ---	550 ---	350 ---
				690 V 50 Hz	Max 20.7 A			56.5 ---	66.5 ---	71.5 ---

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - PERFORMANCES CURVES AND SPECIFICATIONS: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE

Aspirazione massima = 7 m.
Prestazioni totali rilevate a 15°C con aspirazione 4 m.
Y = 1 kg/dm³.

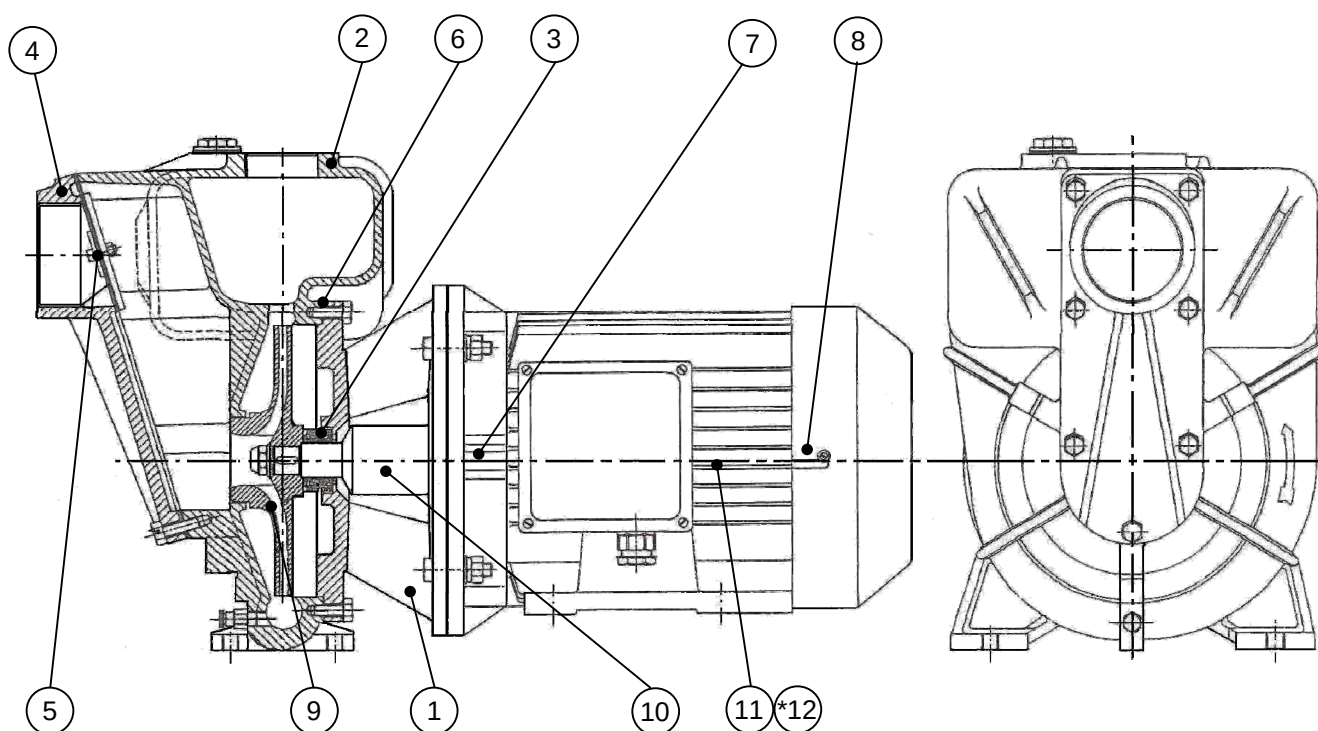
Max. suction = 7 m.
Total performances obtained at 15°C with 4 m height suction.
Y = 1 kg/dm³.

Max. en aspiration = 7 m.
Performances totales remarquées à 15°C avec aspiration 4 m.
Y = 1 kg/dm³.



DNM	DNA	A	B	C	D	E	F
3" GAS	3" GAS	840	246	168	455	205	Ø 16
G	H	I	L	M	N	Peso Weight Poids	
421	255	325	350	161	336	Kg 145	

SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			ORA A-25-T 23351.00
1	Flangia	Flange	Flasque	22385.01
2	Corpo	Casing	Corps	23385.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	12150.22
4	Coperchio	Cover	Couvercle	22385.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	22385.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	22385.06
7	Cuscinetto anteriore	Front bearing	Coussinet antérieur	-
8	Cuscinetto posteriore	Back bearing	Coussinet postérieur	-
9	Girante	Impeller	Turbine	23350.99
10	Albero e rotore	Shaft and rotor	Arbre et rotor	-
11	Motore elettrico	Electric motor	Moteur électrique	23385.43
* 12	Statore avvolto con carcassa	Winded stator with casing	Stator bobiné avec carcasse	* -