



Serie OR-A



**Pompe autoadescanti,
GIRANTE APERTA, GIRANTE CHIUSA**
Corpo pompa, supporto e girante in ghisa

VERSIONI DISPONIBILI

- Motore elettrico monoblocco STANDARD.
- Motore elettrico MEC.
- Motore elettrico ATEX B3/B5.
- Tensione: 230v Mono / 230-400v / 400-690v
- Puleggia – Albero nudo – Giunto.
- Moltiplicatore.
- Motorino idraulico.
- Macchina operatrice.
- Motopompa.
- Giranti speciali 60 Hz.

Pompe per acqua dolce, pulita, chimicamente e meccanicamente non aggressiva.



**Self-priming pumps,
OPEN TYPE IMPELLER, CLOSE TYPE IMPELLER**
Cast iron body, flange and impeller

AVAILABLE VERSIONS

- STANDARD monoblock electric motor.
- MEC electric motor.
- B3/B5 ATEX electric motor.
- Voltage: 230v Mono / 230-400v / 400-690v
- Pulley – Bareshaft – Joint.
- Gearbox.
- Hydraulic motor.
- Operating devices.
- Motor-pump.
- Special 60 Hz. impellers.

Pumps for drinkable water: clean, chemically and mechanically non-aggressive.



**Pompes autoamorçantes
TURBINE OUVERTE, TURBINE FERMÉE**
Corps de pompe, support et turbine en fonte

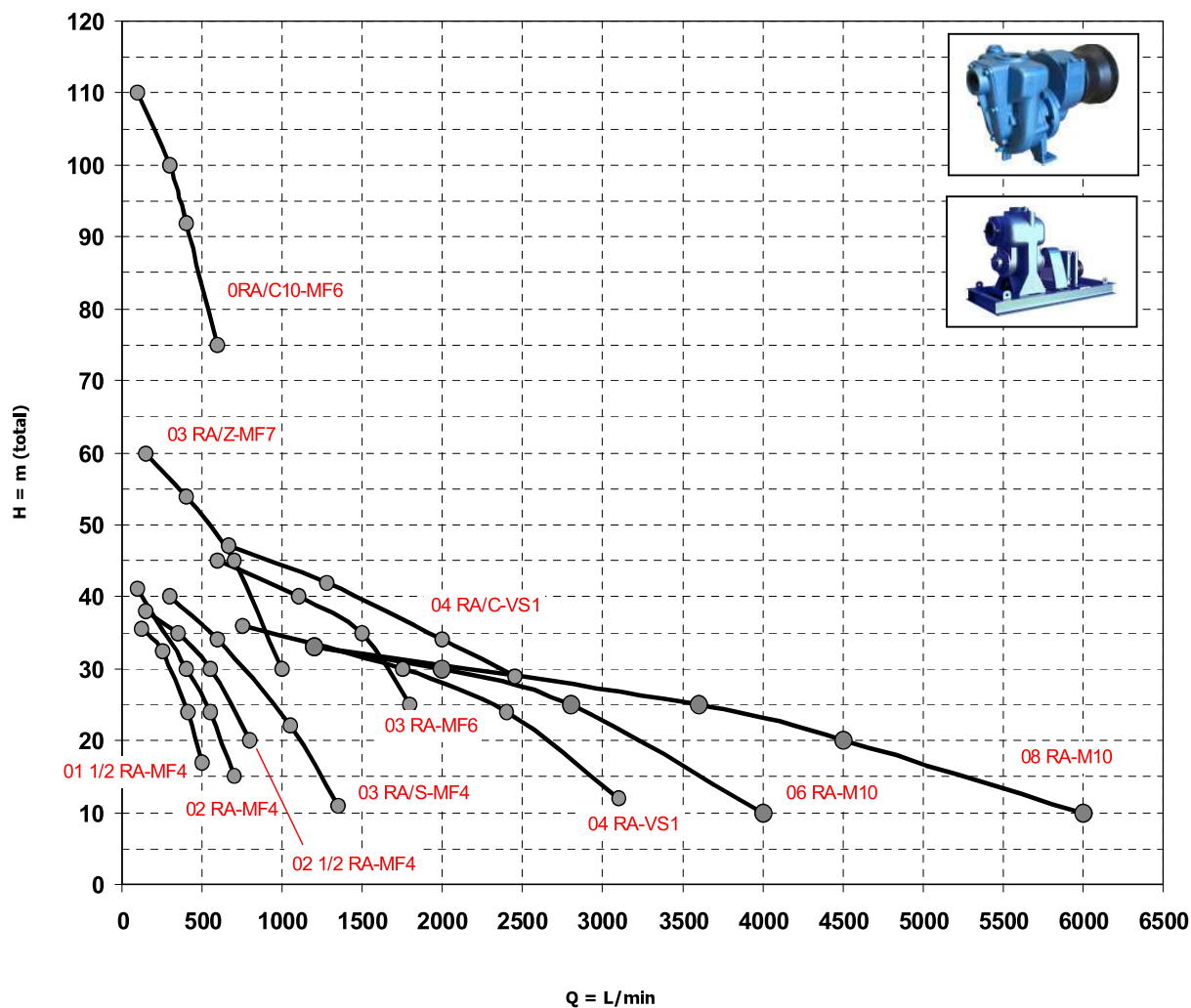
VERSIONS DISPONIBLES

- Moteur électrique monobloc STANDARD.
- Moteur électrique MEC.
- Moteur électrique ATEX B3/B5.
- Tension: 230v Mono / 230-400v / 400-690v
- Poulie – Arbre nu – Joint.
- Multiplicateur.
- Moteur Hydraulique.
- Machines opérationnelles.
- Motopompe.
- Turbines spéciales 60 Hz.

Pompes pour l'eau douce, propre, chimiquement et mécaniquement non agressive.

CAMPO DI PRESTAZIONI
PERFORMANCE CURVES
PERFORMANCES

OR-A



CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - PERFORMANCE CURVES AND SPECIFICATION: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - DATA SUBJECT TO CHANGE WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

ALPHA POMPE SPA

Via Molino Emili, n° 16 – 25030 Macoldio (BS) Italy

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Rev. 01/2014



O1 1/2 RA-MF4



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 21571.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 21571.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

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

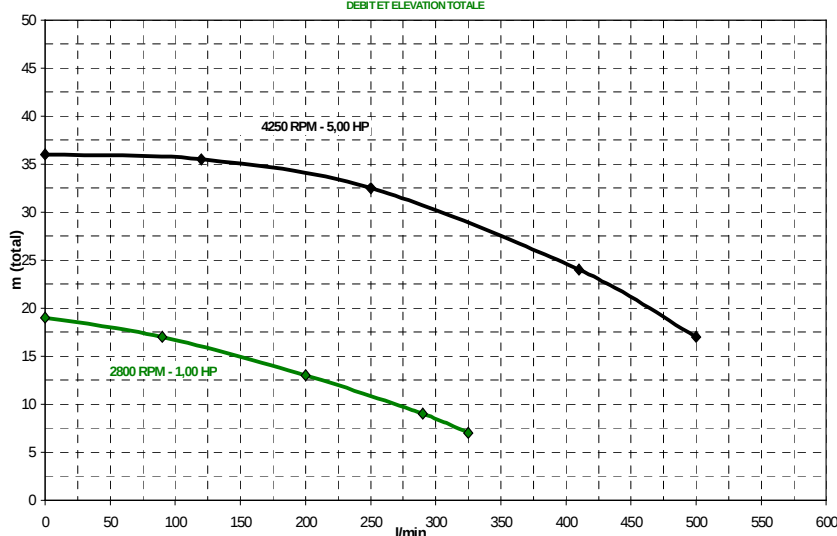
MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 21571.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 4
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:7,9
N° giri POMPA PUMP rpm Tpm POMPE	4.250
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 5 KW 3.7

PORTATA E PREVALENZA TOTALE
TOTAL FLOW AND HEAD
DEBIT ET ELEVATION TOTALE



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.

Q [l/min]		
H [m] total		
500	410	250
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17	24	32.5

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

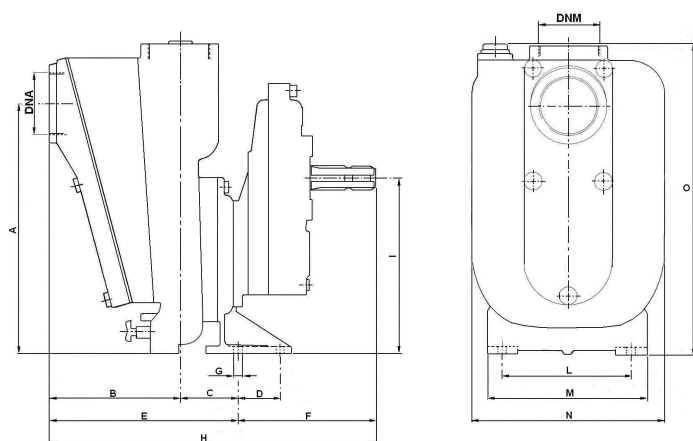
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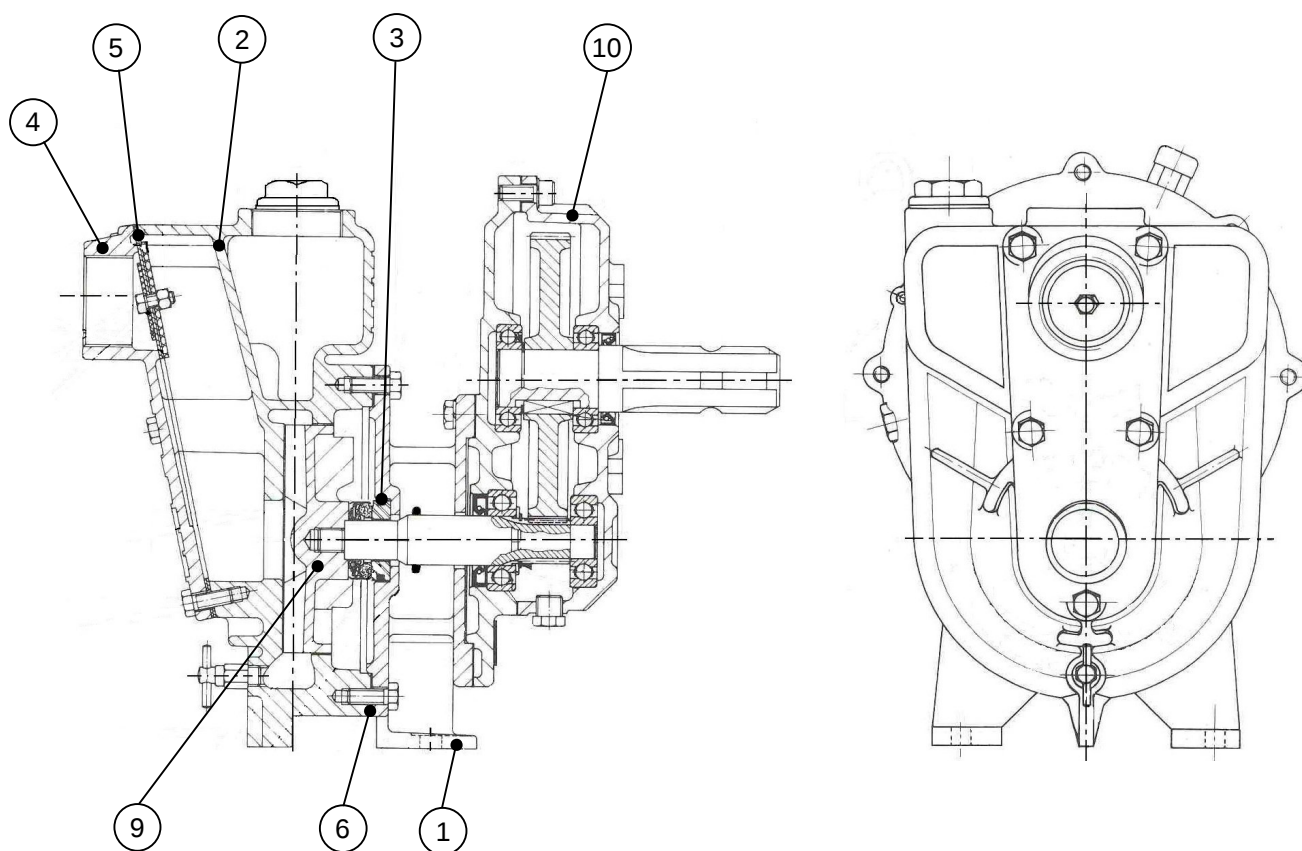
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
1" 1/2 GAS	1" 1/2 GAS	226	109	71	/	180	178
G	H	I	L	M	N	O	Peso Weight Poids
Ø 11	358	189	132	180	190	288	Kg. 21.5

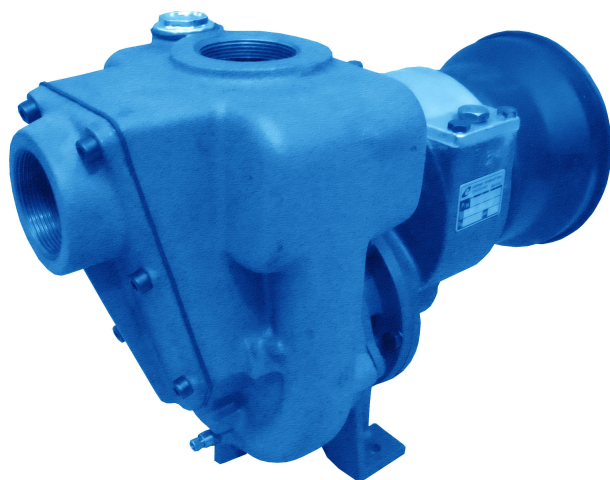
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			01 1/2 RA-MF4 21571.00
1	Flangia	Flange	Flasque	22031.01
2	Corpo	Casing	Corps	21500.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	01000.22
4	Coperchio	Cover	Couvercle	21500.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	21500.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	01000.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	21500.99
10	Moltiplicatore	Gear box	Multiplicateur	22038.00



O2 RA-MF4



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 22032.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 22032.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

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

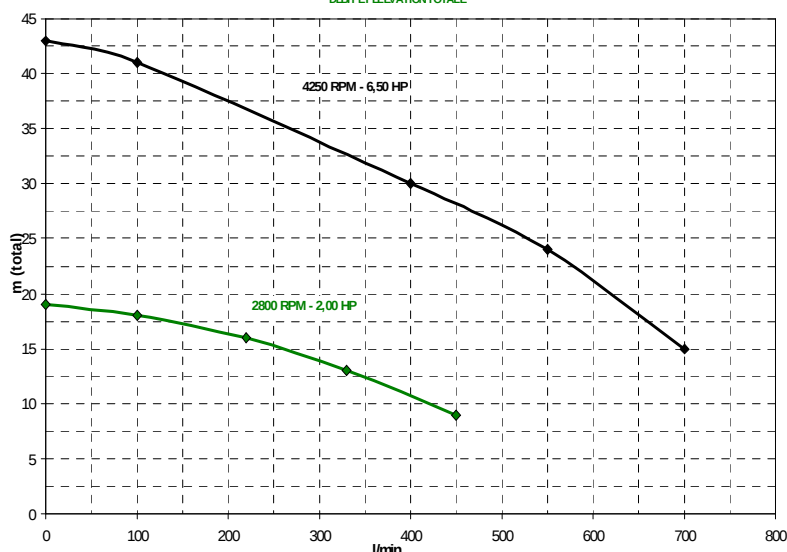
MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et trempés.
- Mécanismes en bain d'huile.

Cod. 22032.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 4
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:7,9
N° giri POMPA PUMP rpm Tpm POMPE	4.250
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 6.5 KW 4.8

PORTATA E PRESSIONE TOTALE
TOTAL FLOW AND HEAD
DEBIT ET ELEVATION TOTALE



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.

Q [l/min]		
H [m] total		
700	400	100
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15	30	41

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

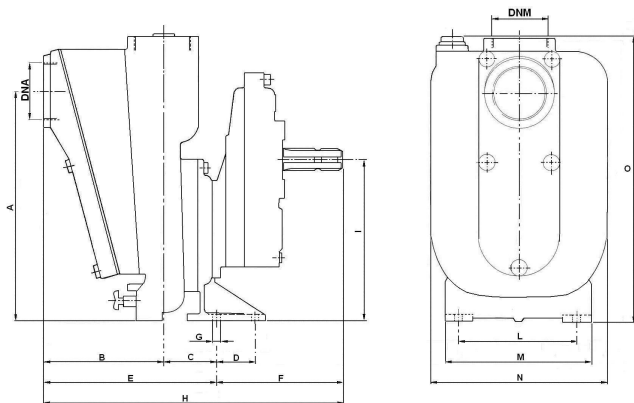
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ALPHA POMPE SPA

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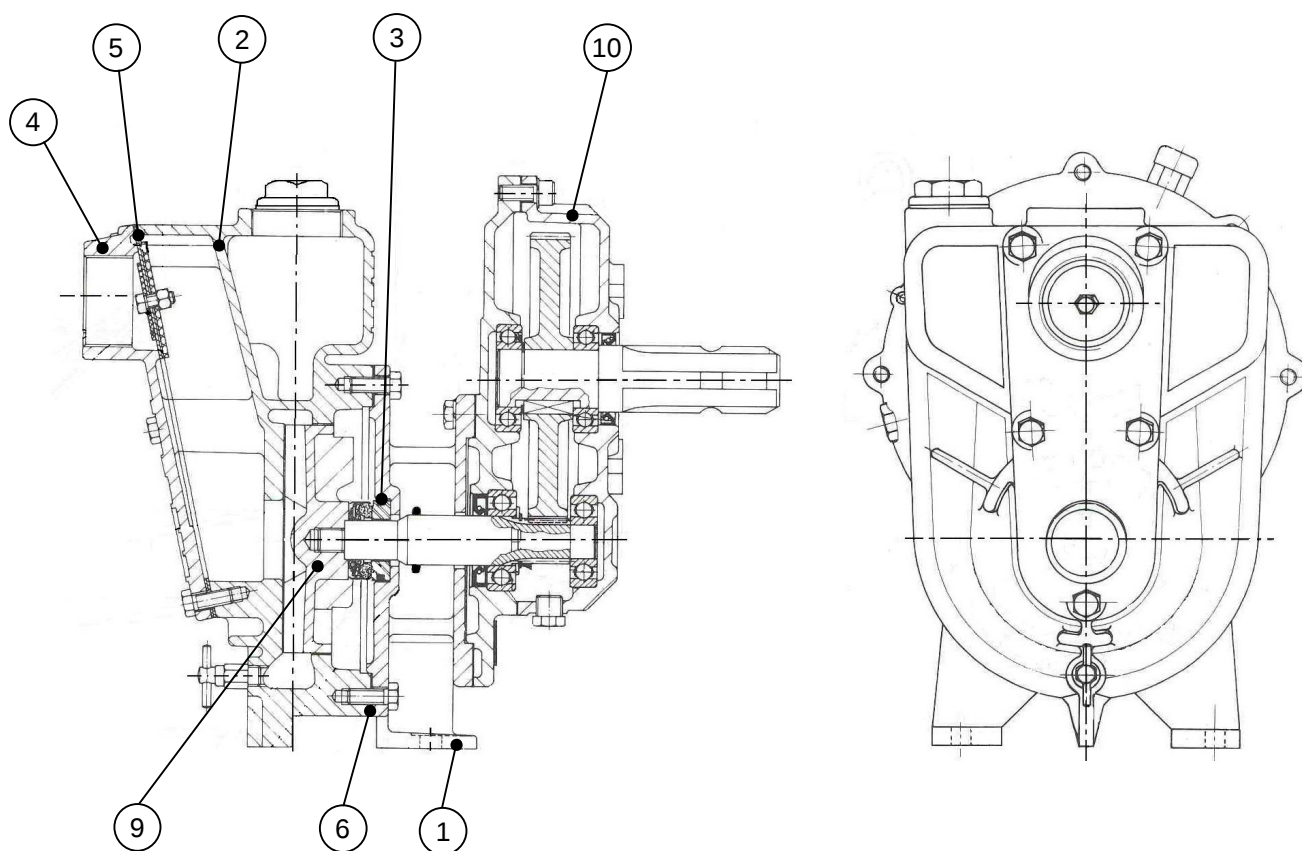
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
2" GAS	2" GAS	246	140	68	/	208	178
G	H	I	L	M	N	O	Peso Weight Poids
Ø 11	386	189	132	180	193	321	Kg. 24

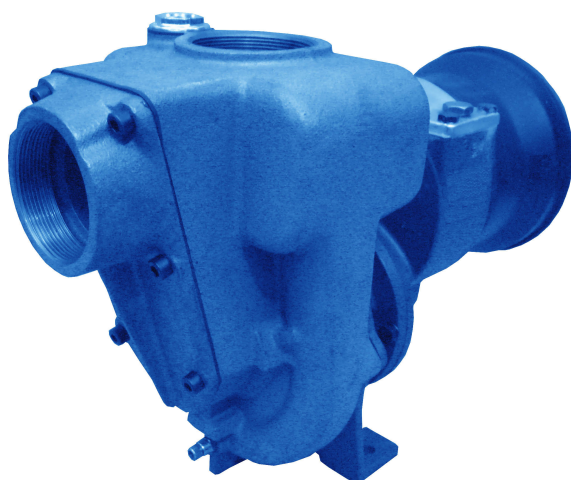
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÉCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			02RA-MF4 22032.00
1	Flangia	Flange	Flasque	22031.01
2	Corpo	Casing	Corps	22000.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	01000.22
4	Coperchio	Cover	Couvercle	22000.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	22000.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	01000.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	22000.99
10	Moltiplicatore	Gear box	Multiplicateur	22038.00



O2 1/2 RA-MF4



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 22732.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 22732.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

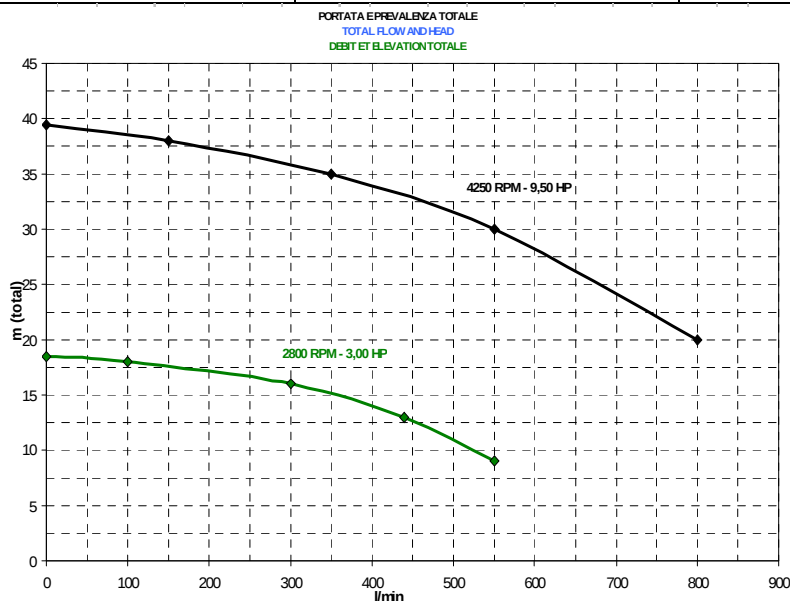
- Corps de pompe en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 22732.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 4
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:7,9
N° giri POMPA PUMP rpm Tpm POMPE	4.250
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 9.5 KW 7



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.

Q [l/min]		
H [m] total		
800	550	150
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20	30	38

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

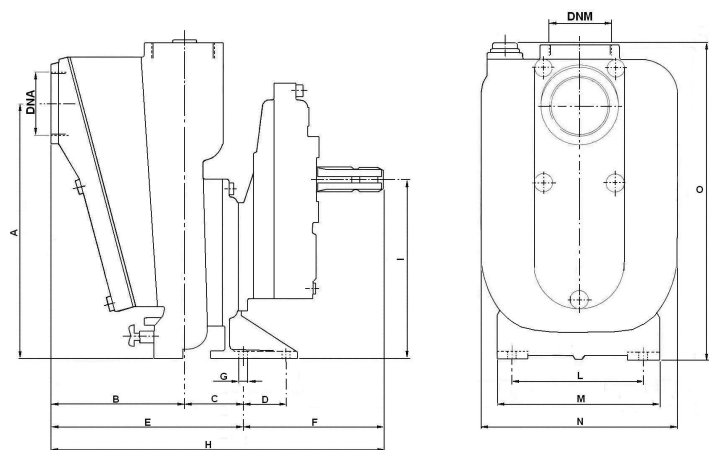
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ALPHA POMPE SPA

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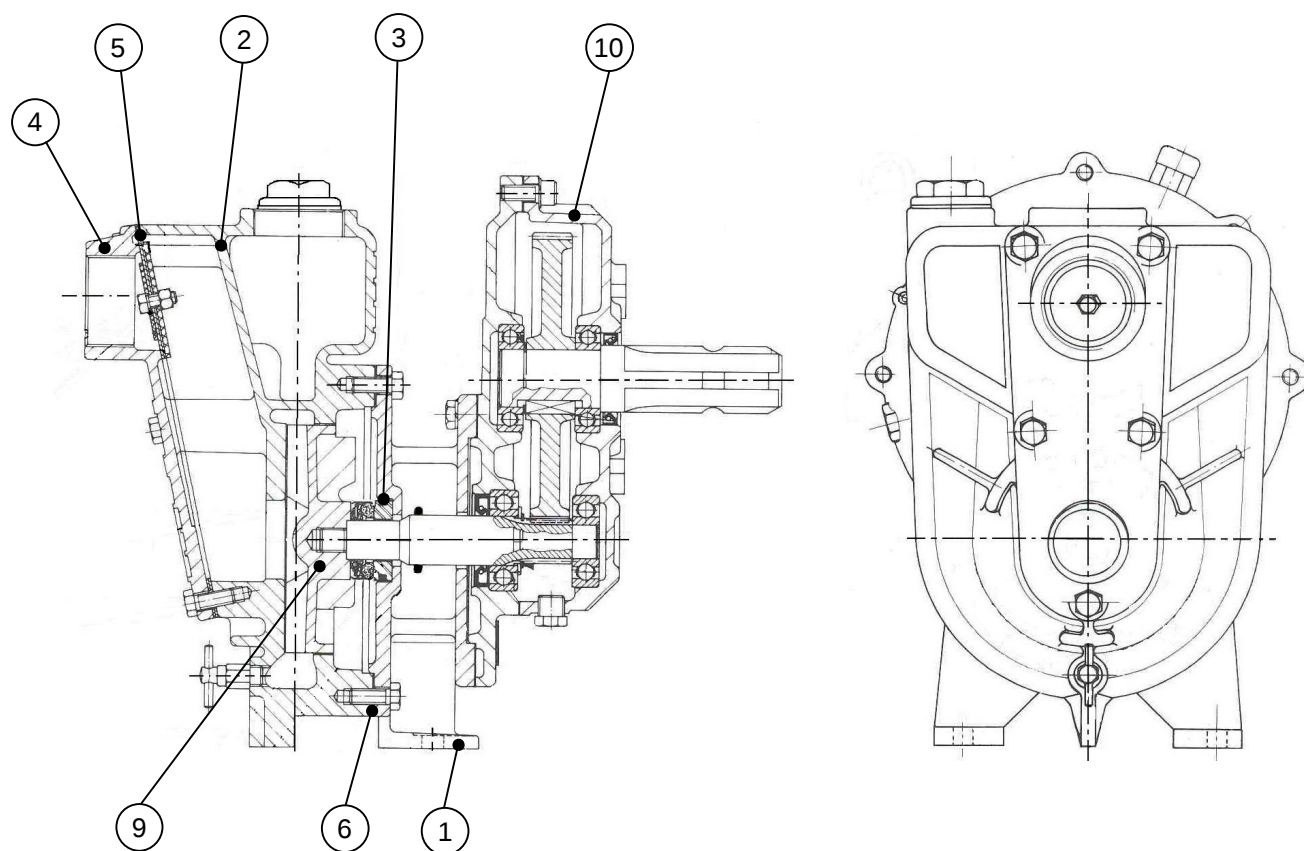
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
2" 1/2 GAS	2" 1/2 GAS	246	145	68	/	213	178
G	H	I	L	M	N	O	Peso Weight Poids
Ø 11	391	189	132	180	193	321	Kg. 25

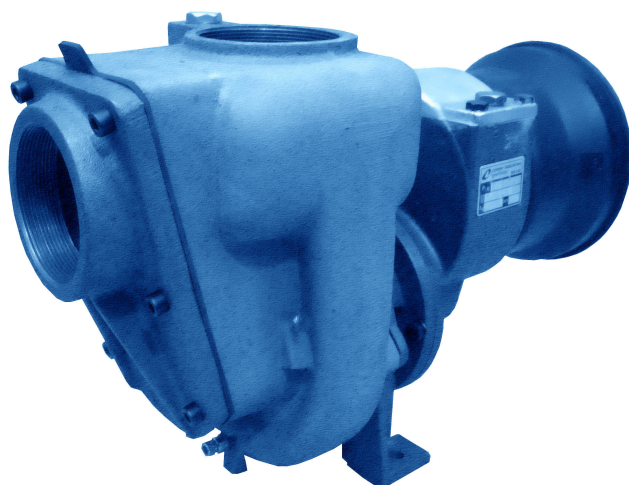
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			02 1/2 RA-MF4 22732.00
1	Flangia	Flange	Flasque	22031.01
2	Corpo	Casing	Corps	22500.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	01000.22
4	Coperchio	Cover	Couvercle	22500.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	22000.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	01000.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	22500.99
10	Moltiplicatore	Gear box	Multiplicateur	22038.00



O3 RA-S-MF4



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 23422.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 23422.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

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

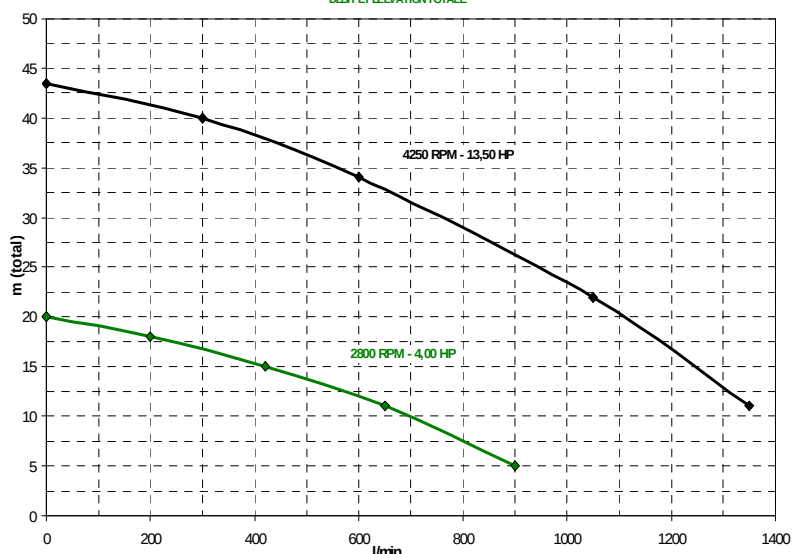
MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 23422.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 4
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:7,9
N° giri POMPA PUMP rpm Tpm POMPE	4.250
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 13.5 KW 10

PORTATA E PRESSIONE TOTALE
TOTAL FLOW AND HEAD
DEBIT ET ELEVATION TOTALE



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.

Q [l/min]		
H [m] total		
1350	1050	300
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11	22	40

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

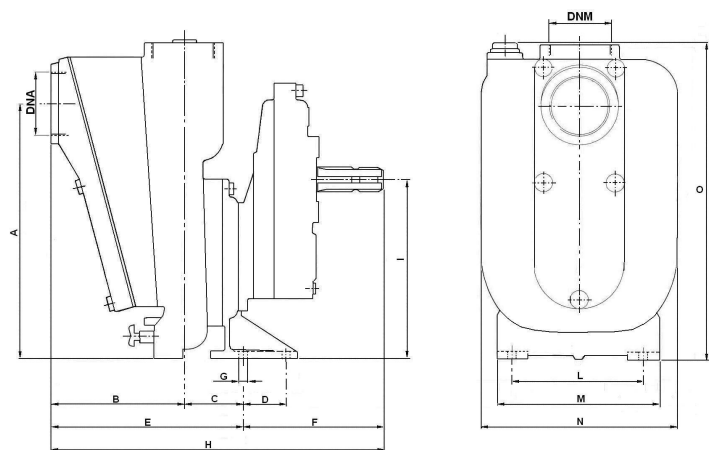
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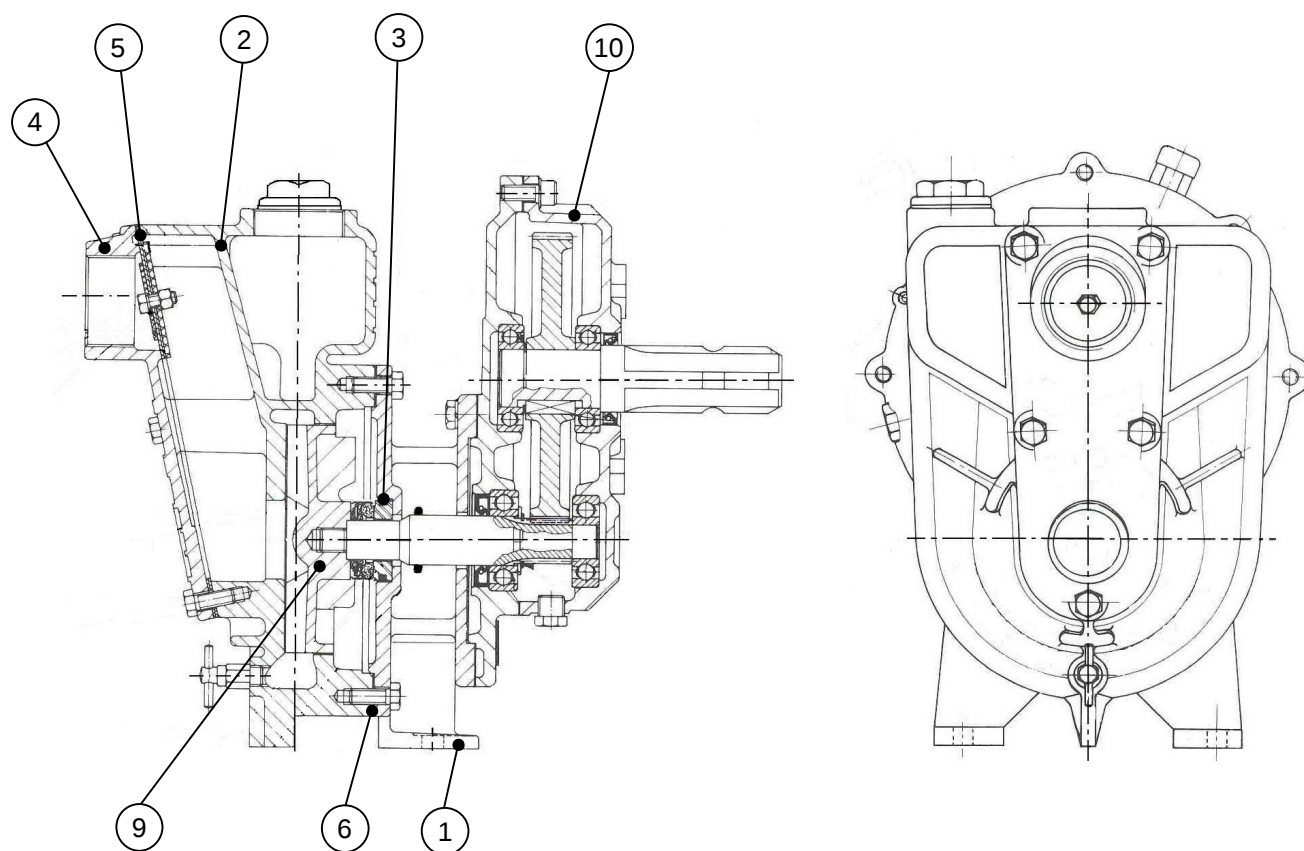
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
3" GAS	3" GAS	240	145	68	/	213	178
G	H	I	L	M	N	O	Peso Weight Poids
Ø 11	391	189	132	180	190	305	Kg. 29

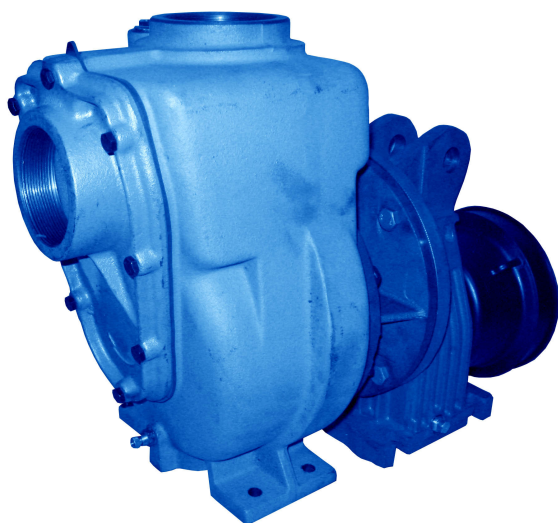
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			03RA/S-MF4 23422.00
1	Flangia	Flange	Flasque	22031.01
2	Corpo	Casing	Corps	23420.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	01000.22
4	Coperchio	Cover	Couvercle	23420.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	23420.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	01000.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	23417.99
10	Moltiplicatore	Gear box	Multiplicateur	22038.00



O3 RA-Z-MF7



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 23732.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 23732.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

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

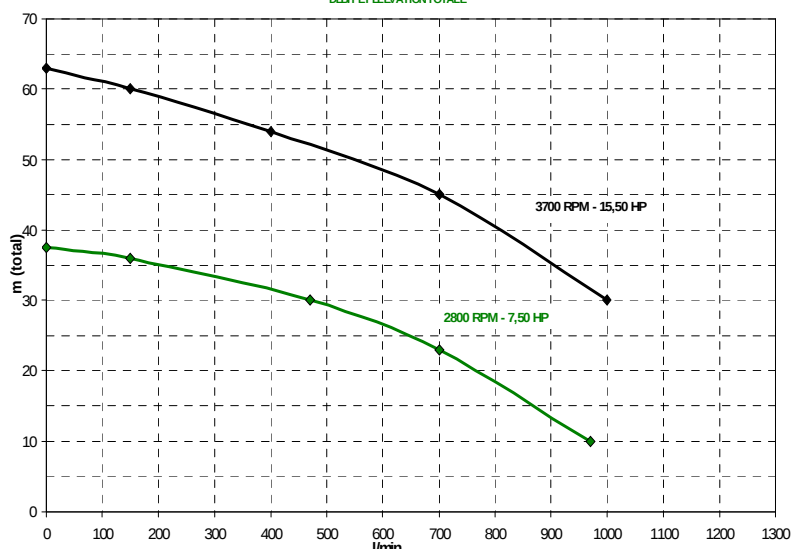
MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 23732.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 7
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:6,9
N° giri POMPA PUMP rpm Tpm POMPE	3.700
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 15.5 KW 11.5

PORTATA E PRESSIONE TOTALE
TOTAL FLOW AND HEAD
DEBIT ET ELEVATION TOTALE



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.

Q [l/min]		
H [m] total		
1000	700	150
---	---	---
30	45	60

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

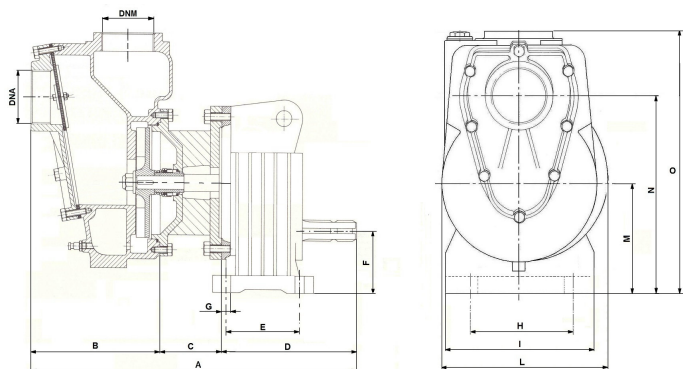
DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - ALL DATA SUBJECT TO MODIFY WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

ALPHA POMPE SPA

Via Molino Emili, n° 16 - 25030 Maclodio (BS) Italy

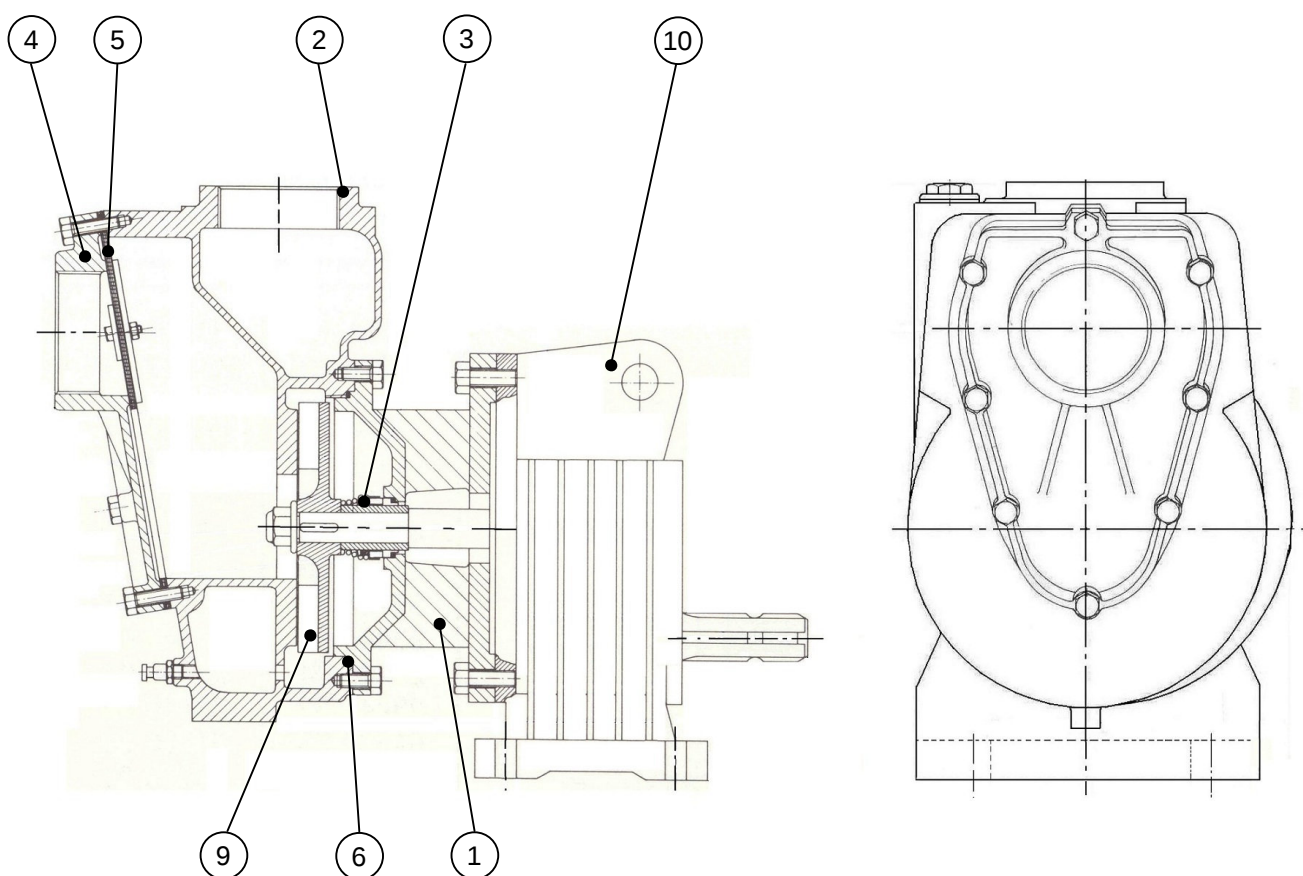
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
3" GAS	3" GAS	530	230	90	210	160	100
G	H	I	L	M	N	O	Peso Weight Poids
Ø 15	160	183	270	140	280	385	Kg. 70

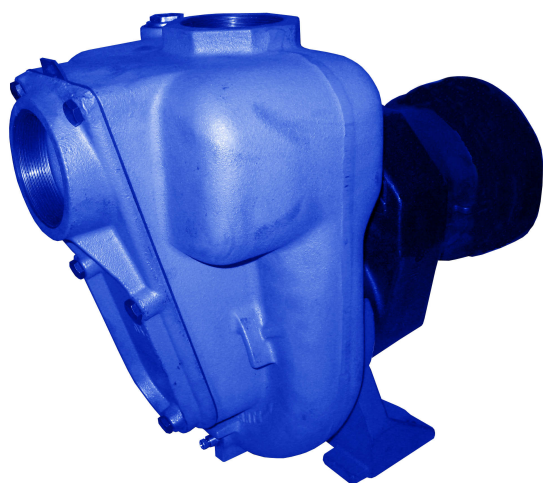
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			03RA/Z-MF7 23732.00
1	Flangia	Flange	Flasque	23732.01
2	Corpo	Casing	Corps	23445.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	12150.22
4	Coperchio	Cover	Couvercle	23445.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	23445.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	32165.31
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	23478.99
10	Moltiplicatore	Gear box	Multiplicateur	23732.31



O3 RA-MF6



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 23032.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 23032.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

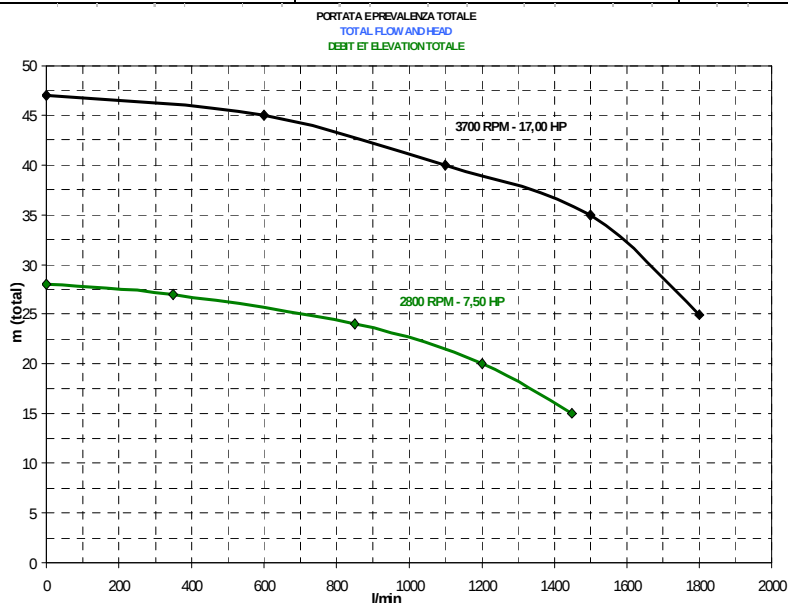
- Corps de pompe en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et trempés.
- Mécanismes en bain d'huile.

Cod. 23032.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 6
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:6,9
N° giri POMPA PUMP rpm Tpm POMPE	3.700
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 17 KW 12.5



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.

Q [l/min]		
H [m] total		
1800	1500	600
---	---	---
25	35	45

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

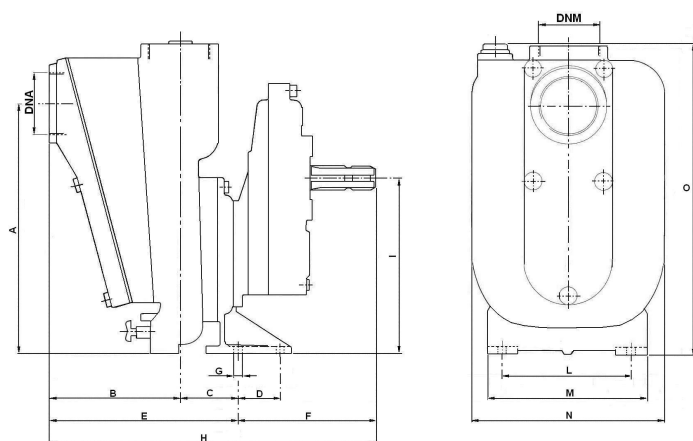
DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - ALL DATA SUBJECT TO MODIFY WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

ALPHA POMPE SPA

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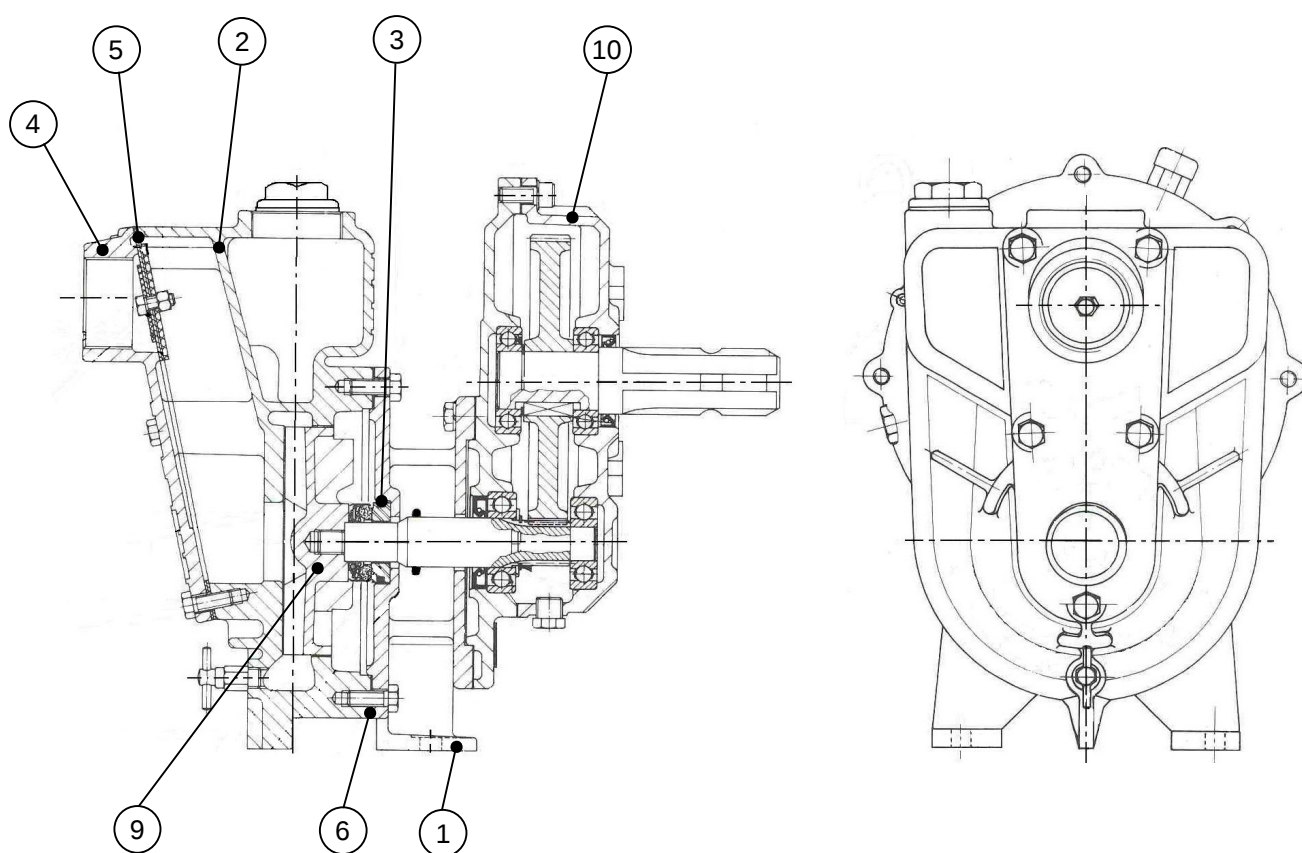
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
3" GAS	3" GAS	349	185	83	60	269	196
G	H	I	L	M	N	O	Peso Weight Poids
Ø 11	465	248	190	231	274	436	Kg. 53

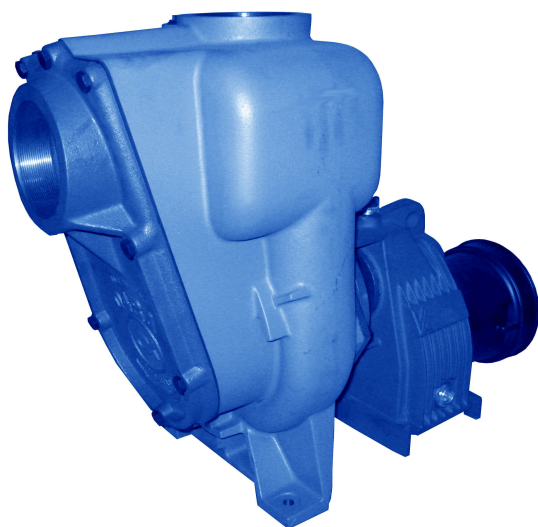
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			03RA-MF6 23032.00
1	Flangia	Flange	Flasque	23031.01
2	Corpo	Casing	Corps	23000.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	01500.22
4	Coperchio	Cover	Couvercle	23000.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	23000.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	01500.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	23000.99
10	Moltiplicatore	Gear box	Multiplicateur	23041.00



O4 RA-VS1



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 24041.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 24041.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

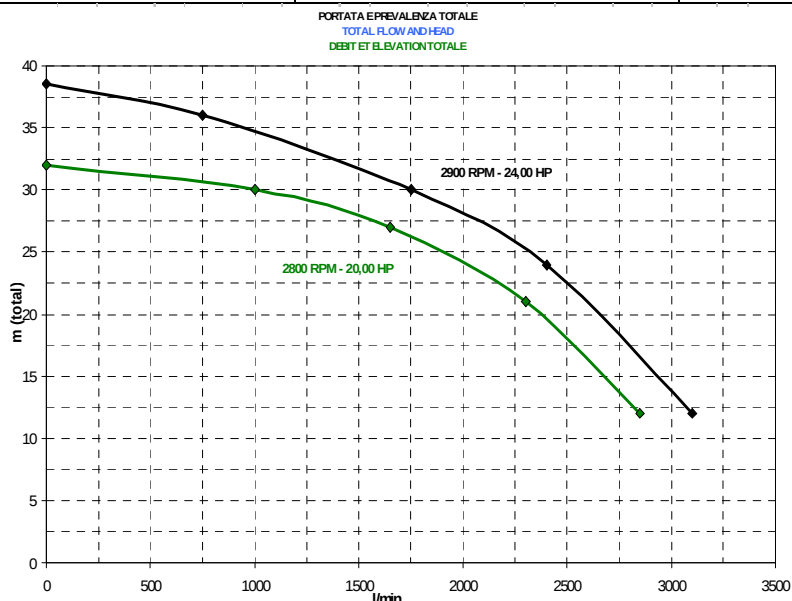
- Corps de pompe en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 24041.00

Modello moltiplicatore Gear box model Modèle multiplicateur	VS 1
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:5,37
N° giri POMPA PUMP rpm Tpm POMPE	2.900
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 24 KW 17.7



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.

Q [l/min]		
H [m] total		
3100	2400	750
---	---	---
12	24	36

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

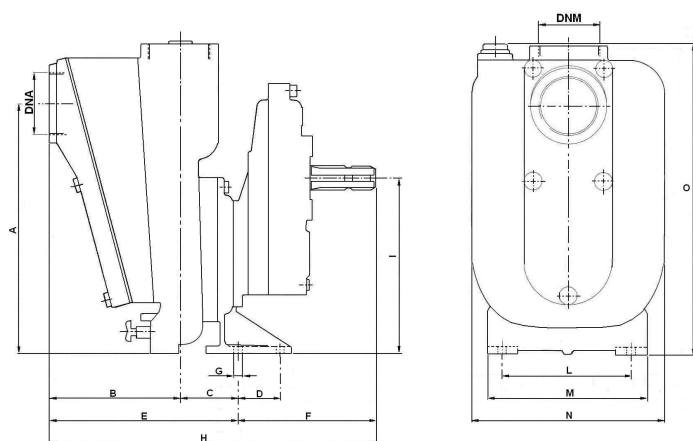
DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - ALL DATA SUBJECT TO MODIFY WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

ALPHA POMPE SPA

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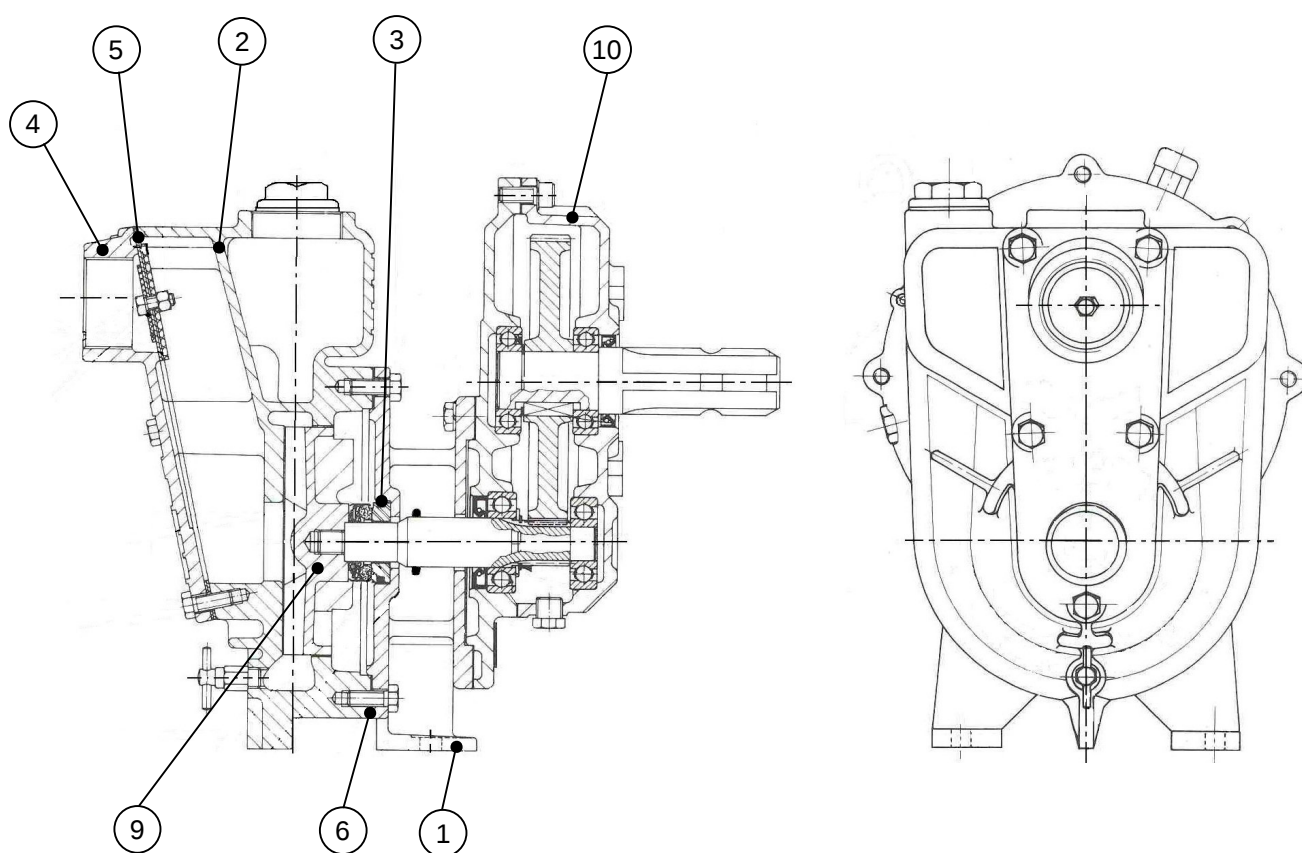
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F
4" GAS	4" GAS	433	255	110	127	365	224
G	H	I	L	M	N	O	Peso Weight Poids
Ø 15	589	108	250	300	313	588	Kg. 130

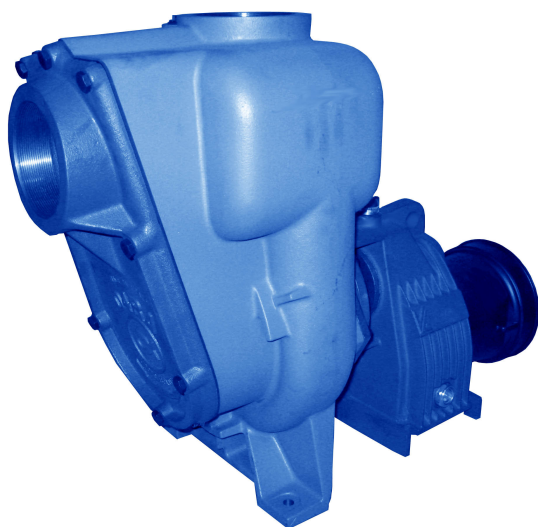
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			04RA-VS1 24041.00
1	Flangia	Flange	Flasque	24031.01
2	Corpo	Casing	Corps	24000.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	24140.22
4	Coperchio	Cover	Couvercle	24000.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	24000.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	24000.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	24140.99
10	Moltiplicatore	Gear box	Multiplicateur	24040.31



O4 RA/C-VS1



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 24071.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 24071.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

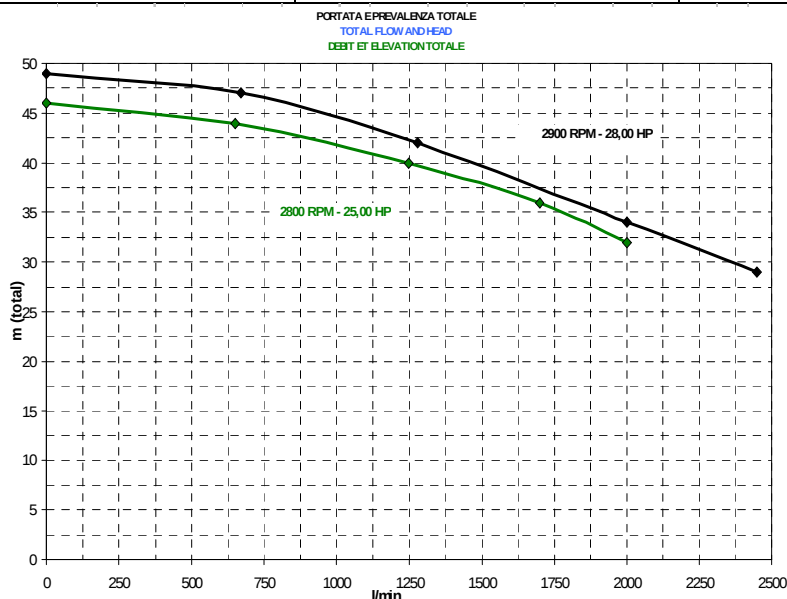
- Corps de pompe en fonte.
- Turbine "type fermée" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 24071.00

Modello moltiplicatore Gear box model Modèle multiplicateur	VS 1
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:5,37
N° giri POMPA PUMP rpm Tpm POMPE	2.900
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 28 KW 20



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.

Q [l/min]		
H [m] total		
2450	1280	670
---	---	---
29	42	47

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

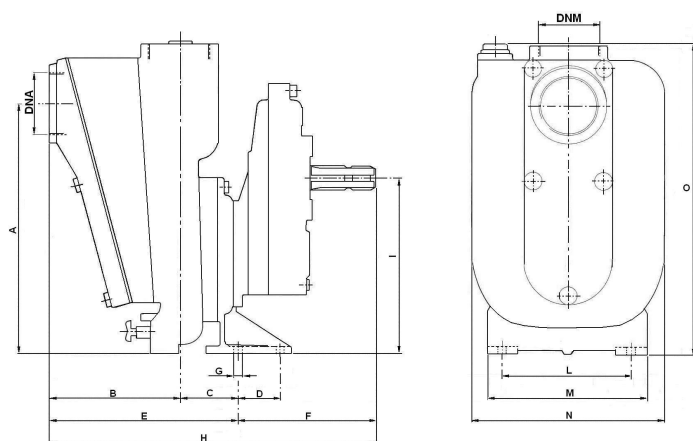
DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - ALL DATA SUBJECT TO MODIFY WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

ALPHA POMPE SPA

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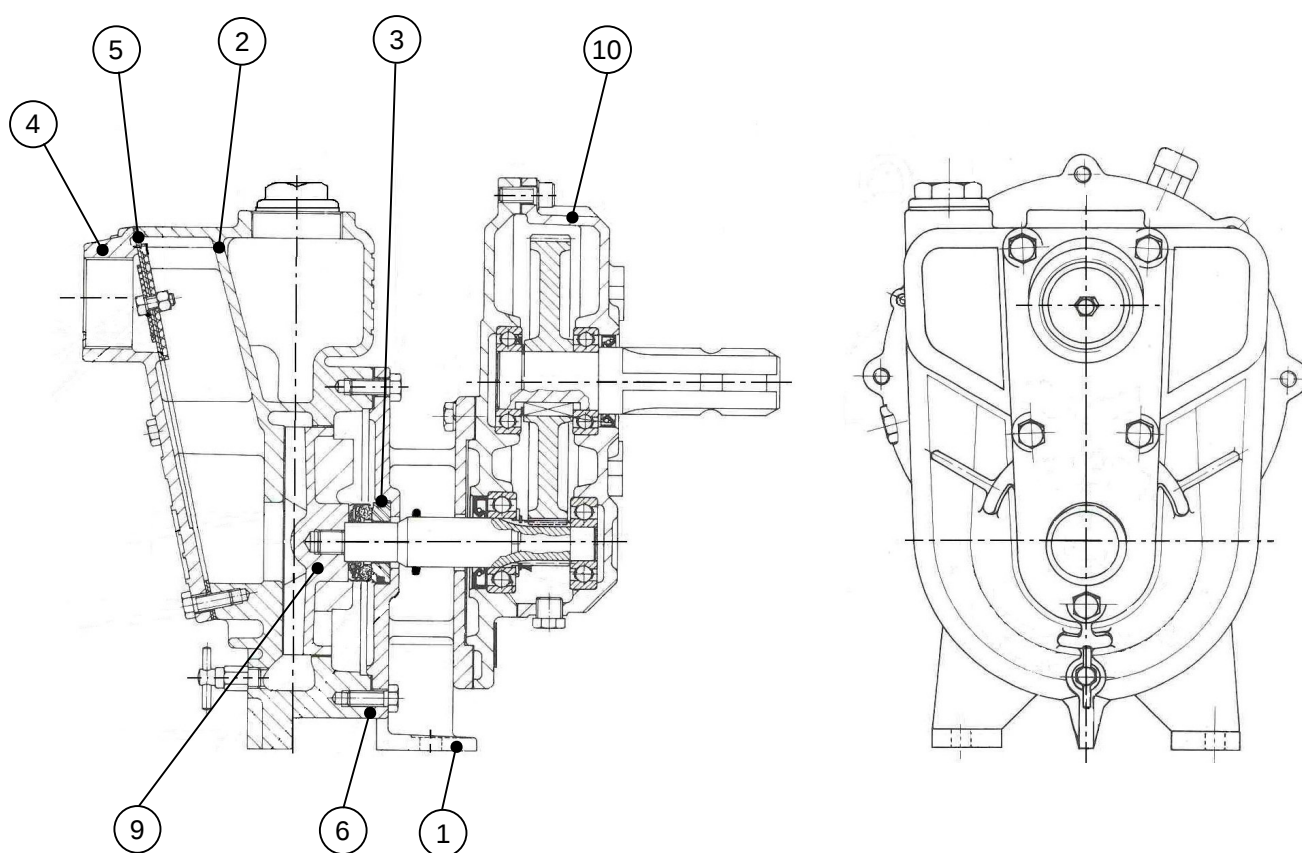
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DNM	DNA	A	B	C	D	E	F
4" GAS	4" GAS	433	255	110	127	365	224
G	H	I	L	M	N	O	Peso Weight Poids
Ø 15	589	108	250	300	313	588	Kg. 130

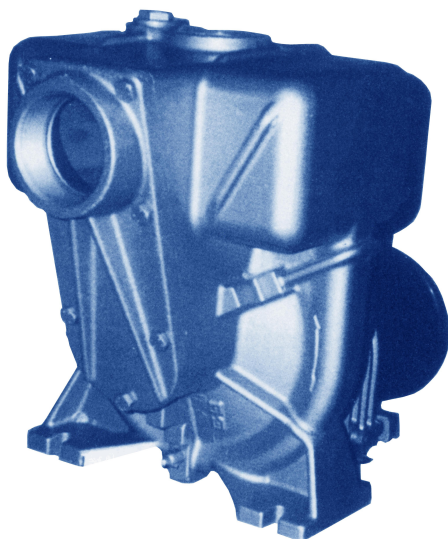
SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			04RA/C-VS1 24071.00
1	Flangia	Flange	Flasque	24031.01
2	Corpo	Casing	Corps	24305.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	24140.22
4	Coperchio	Cover	Couvercle	24000.04
5	Guarnizione coperchio	Cover gasket	Joint du couvercle	24000.05
6	Guarnizione flangia	Flange gasket	Joint de la flasque	24000.06
7	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	24305.99
10	Moltiplicatore	Gear box	Multiplicateur	24040.31



ORA C10-MF6



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 21590.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 21590.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

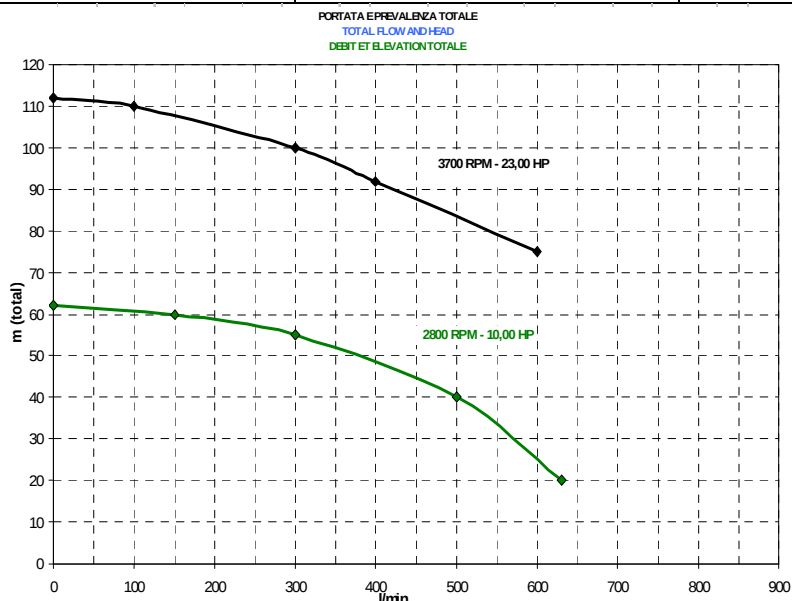
- Corps de pompe en fonte.
- Turbine "type fermée" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 21590.00

Modello moltiplicatore Gear box model Modèle multiplicateur	MF 6
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:6,9
N° giri POMPA PUMP rpm Tpm POMPE	3.700
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 23 KW 17



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.

Q [l/min]		
H [m] total		
600	300	100
---	---	---
75	100	110

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

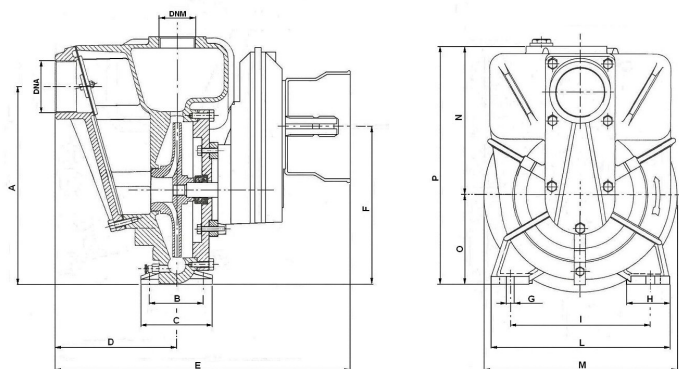
DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - ALL DATA SUBJECT TO MODIFY WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

ALPHA POMPE SPA

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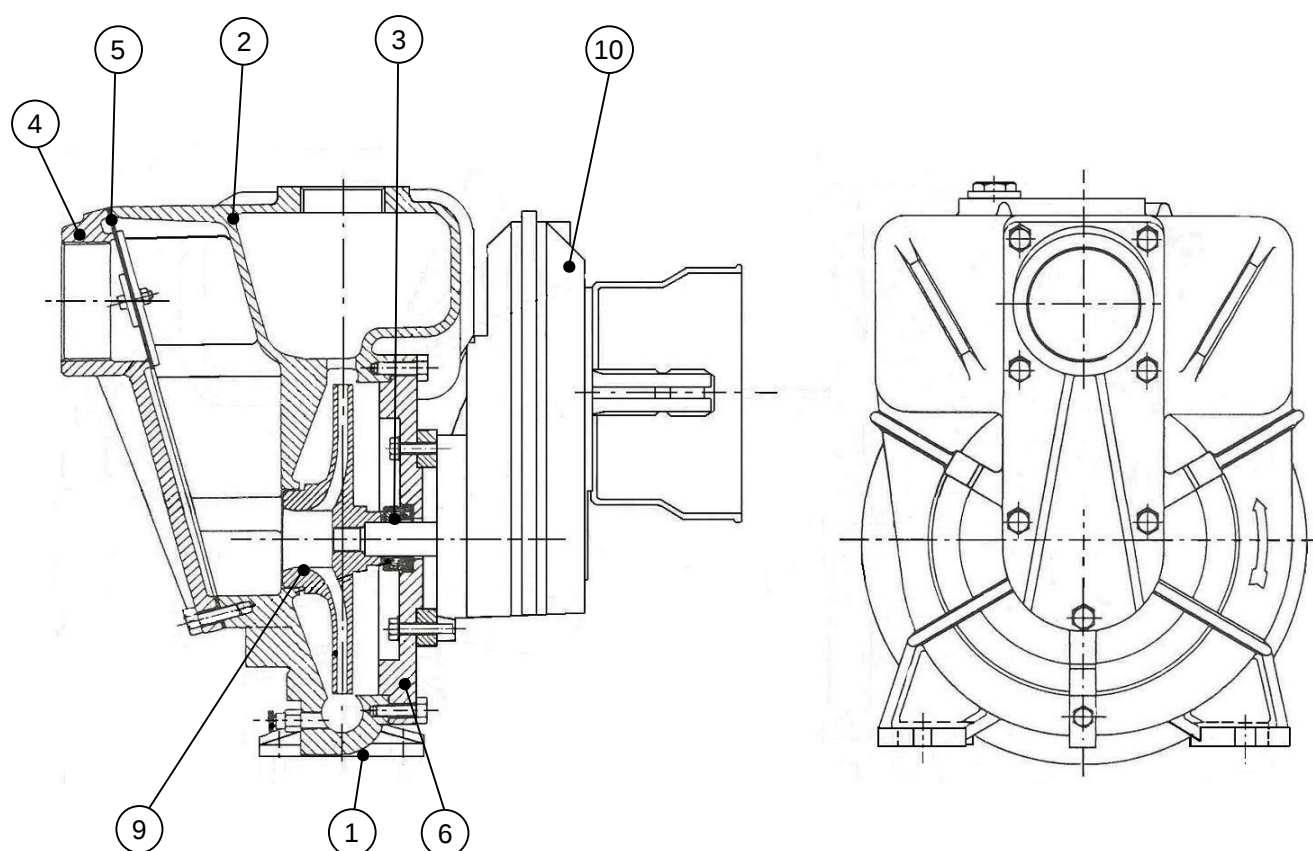
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Rev. 01/2014



DNM	DNA	A	B	C	D	E	F	G
1" 1/2 GAS	2" GAS	340	90	120	205	500	270	Ø 16
H	I	L	M	N	O	P	Peso Weight Poids	
70	255	325	350	260	161	421	Kg. 65	

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 C-10-MF6 21590.00
1	Flangia	Flange	Flasque	21590.01
2	Corpo	Casing	Corps	22385.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	01500.22
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	-	-	-	-
8	-	-	-	-
9	Girante	Impeller	Turbine	21590.99
10	Moltiplicatore	Gear box	Multiplicateur	23041.00



O6 RA-M10



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 26030.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 26030.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplificateur.

MATERIAUX POMPE

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

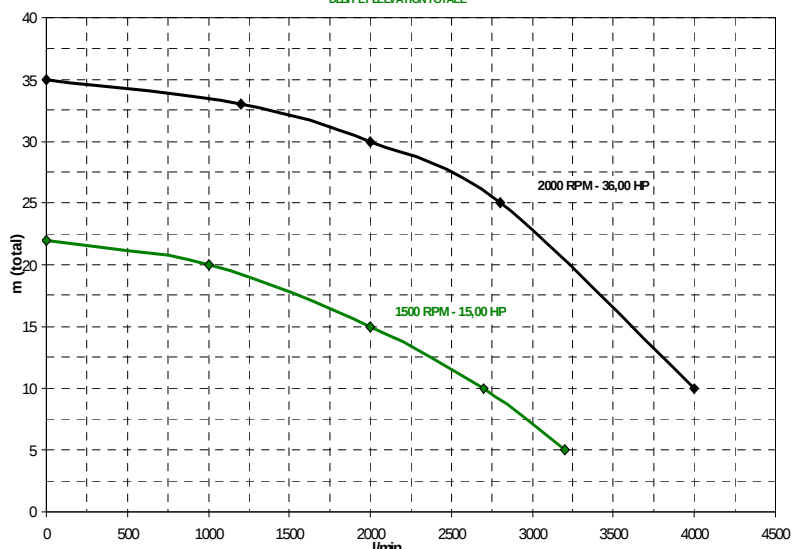
MULTIPLICATEUR

- Corps multiplificateur en fonte.
- Engrenages à dents alicoidaux cementés et trempés.
- Mécanismes en bain d'huile.

Cod. 26030.00

Presa di forza con rotazione solo sinistrosa Power take-off with left-hand rotation only Prise de force uniquement avec rotation à gauche	
Modello moltiplicatore Gear box model Modèle multiplificateur	M10
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:3,8
N° giri POMPA PUMP rpm Tpm POMPE	2.000
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 36 KW 26

PORTATA E PRESSIONE TOTALE
TOTAL FLOW AND HEAD
DEBIT ET ELEVATION TOTALE



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.

Q [l/min]		
H [m] total		
4000	2800	1200
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10	25	33

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

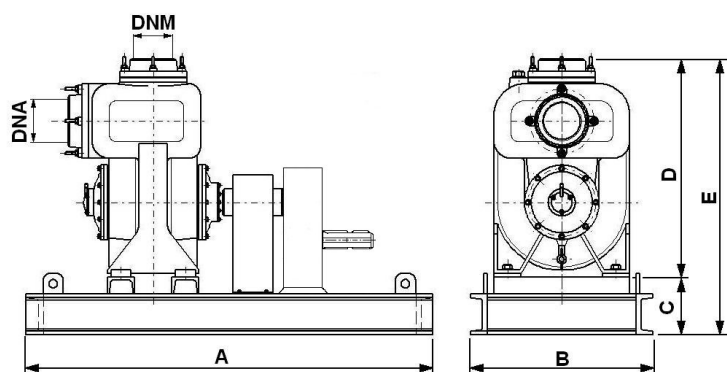
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ALPHA POMPE SPA

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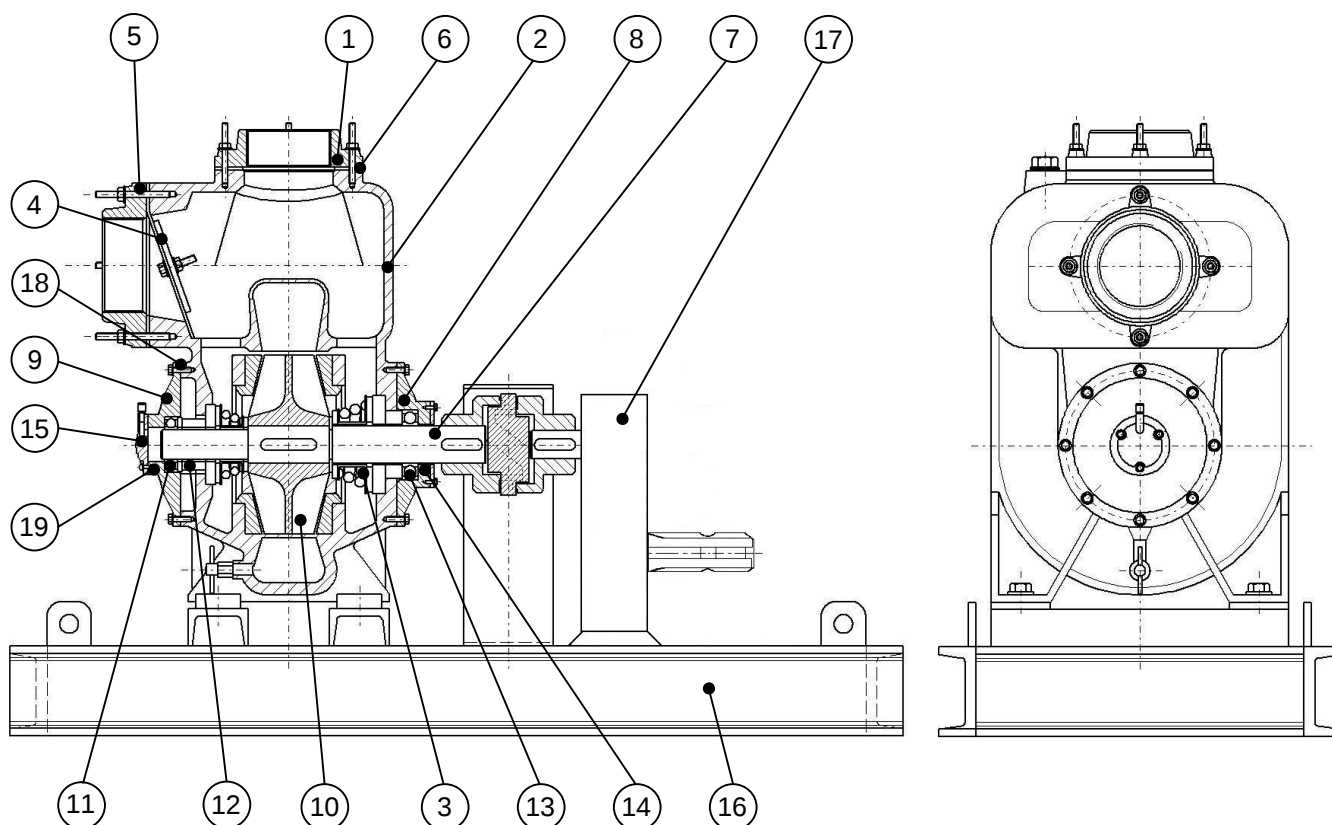
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Rev. 01/2014



DNM	DNA	A	B
6" GAS	6" GAS	1500	680
C	D	E	Peso Weight Poids
185	865	1070	Kg 360

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			06 RA-M10 26030.00
1	Flangia di mandata	Lift flange	Flasque débit	26000.09
2	Corpo	Casing	Corps	26000.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	26000.39
4	Guarnizione flangia	Flange gasket	Joint de la flasque	26000.05
5	Flangia di aspirazione	Suction flange	Flasque aspiration	26000.04
6	Guarnizione	Gasket	Joint	26000.16
7	Albero di comando	Shaft	Arbre	26000.10
8	Flangia posteriore	Back flange	Flasque posterieure	26000.18
9	Flangia anteriore	Front Flange	Flasque anterieure	26000.07
10	Girante	Impeller	Turbine	26000.99
11	Cuscinetto anteriore	Front bearing	Coussinet anterieur	26000.19
12	Bussola	Spacer	Bague	26000.11
13	Cuscinetto posteriore	Back bearing	Coussinet posterieur	26000.20
14	Coperchio posteriore	Back cover	Couvercle posterieur	26000.01
15	Coperchio anteriore	Front cover	Couvercle anterieur	26000.08
16	Base	Base	Base	26480.00
17	Moltiplicatore	Gear box	Multiplicateur	26041.00
18	Guarnizione	Gasket	Joint	26000.06
19	Guarnizione	Gasket	Joint	26000.13

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O8 RA-M10



CARATTERISTICHE

Pompe autodescanti con moltiplicatore.

MATERIALI POMPA

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

MOLTIPLICATORE

- Corpo moltiplicatore in ghisa.
- Ingranaggi elicoidali in acciaio cementato e temperato.
- Meccanismi a bagno d'olio.

Cod. 28030.00



FEATURES

Self-priming pumps with gear box.

PUMP MATERIALS

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

GEAR BOX

- Cast iron body.
- Spiral bevel gears, carburized and hardened.
- Gears in oil bath.

Cod. 28030.00



CARACTERISTIQUES

Pompes auto-amorçantes avec multiplicateur.

MATERIAUX POMPE

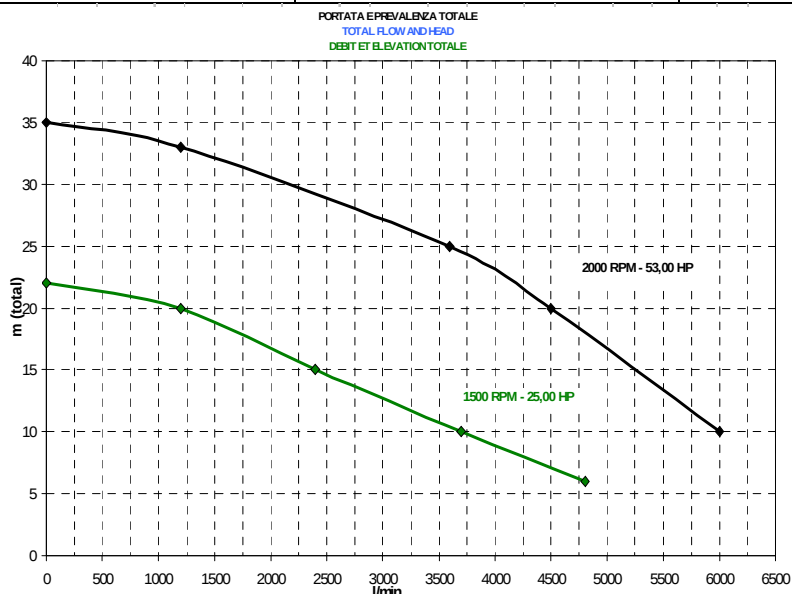
- Corps de pompe en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

MULTIPLICATEUR

- Corps multiplicateur en fonte.
- Engrenages à dents alicoidaux cementés et tempérés.
- Mécanismes en bain d'huile.

Cod. 28030.00

Presa di forza con rotazione solo sinistrosa Power take-off with left-hand rotation only Prise de force uniquement avec rotation à gauche	
Modello moltiplicatore Gear box model Modèle multiplicateur	M10
Presa di forza con rotazione sinistrosa. Power plug with left-hand rotation. Prise de force avec rotation à gauche.	1' 3/8 (Z=6)
N° giri MOTORE MOTOR rpm tpm MOTEUR	540
Rapporto ingranaggio Gear ratio Rapport d'engrenage	1:3,8
N° giri POMPA PUMP rpm Tpm POMPE	2.000
POTENZA massima richiesta Required maximum POWER PUISSANCE maximale demandée	HP 53 KW 39



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

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

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

Q [l/min]		
H [m] total		
6000	3600	1200
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10	25	33

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - OPERATING CURVES AND DATA: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2

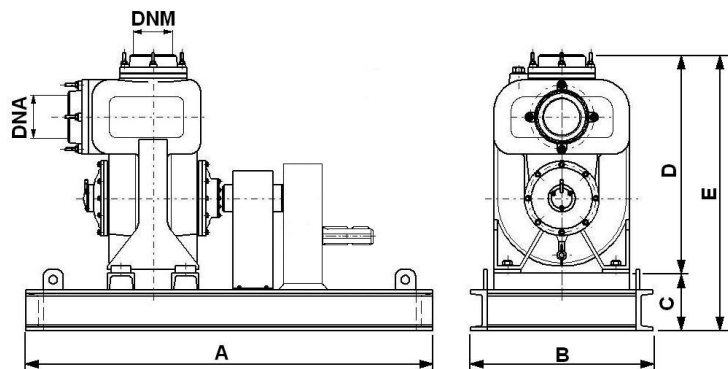
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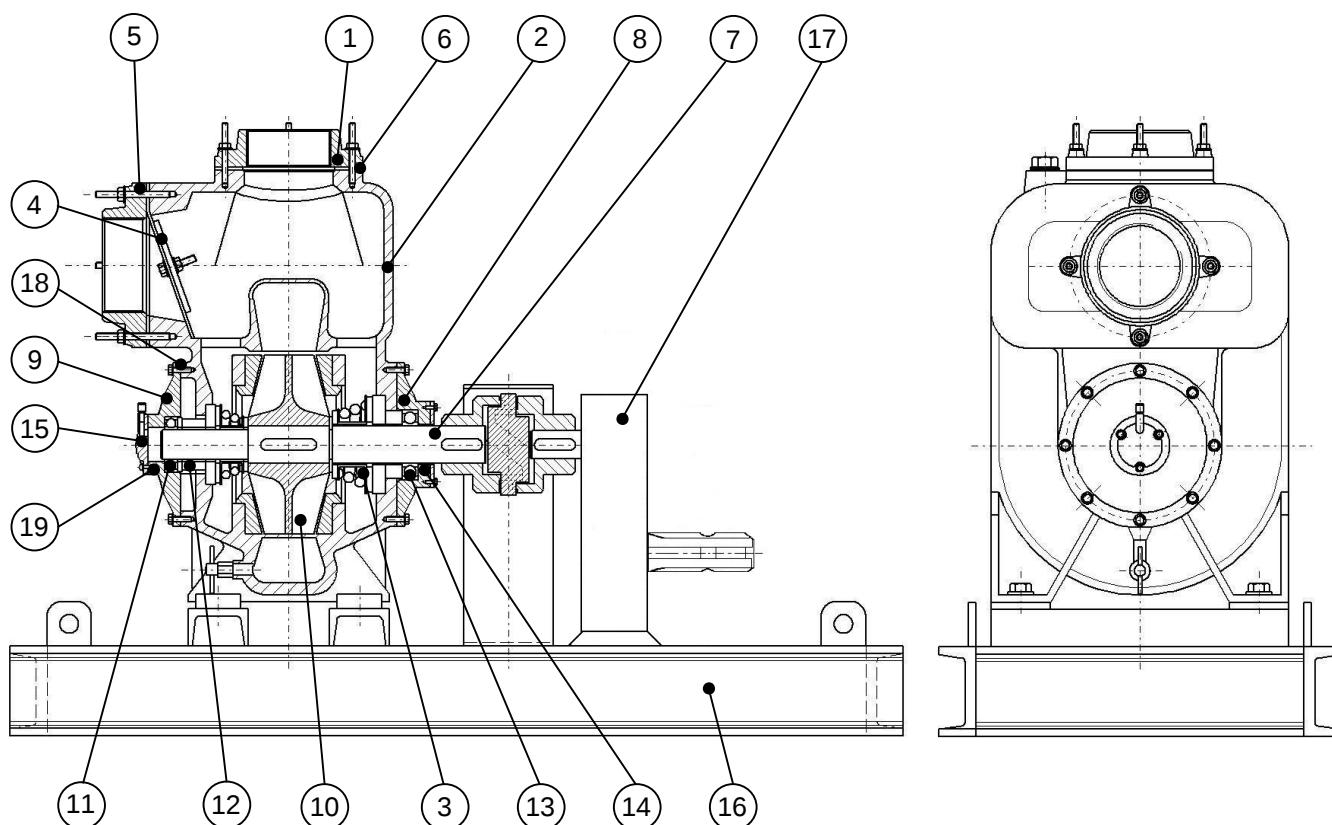
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Rev. 01/2014



DNM	DNA	A	B
6" GAS	6" GAS	1500	680
C	D	E	Peso Weight Poids
185	865	1070	Kg 360

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



POS. N.	DENOMINAZIONE - DESCRIPTION - DENOMINATION			08 RA-M10 28030.00
1	Flangia di mandata	Lift flange	Flasque débit	28000.09
2	Corpo	Casing	Corps	26000.02
3	Tenuta meccanica	Mechanical seal	Garniture mécanique	26000.39
4	Guarnizione flangia	Flange gasket	Joint de la flasque	26000.05
5	Flangia di aspirazione	Suction flange	Flasque aspiration	28000.04
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