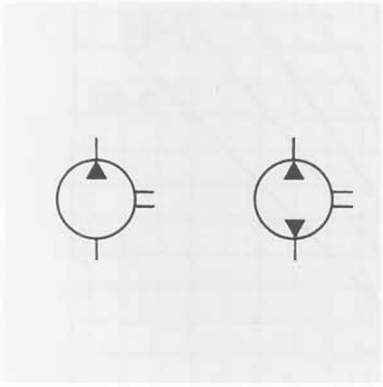
OIL SOLUTIONS
PO Box 38
Strathfieldsaye, VIC, 3551
1800 OIL SOL
1800 645 765
sales@oilsolutions.com.au
www.oilsolutions.com.au
"For All Your Hydraulic Needs"

ronzio OLEODINAMICA

W3 Series Gear Pumps

POMPE AD INGRANAGGI
GEAR PUMPS

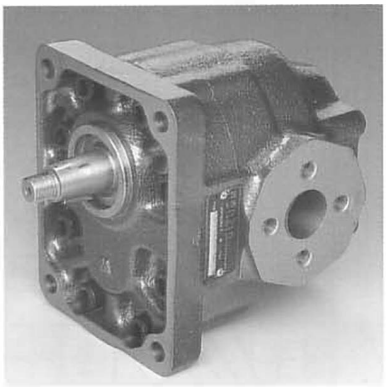
ronzio
OLEODINAMICA



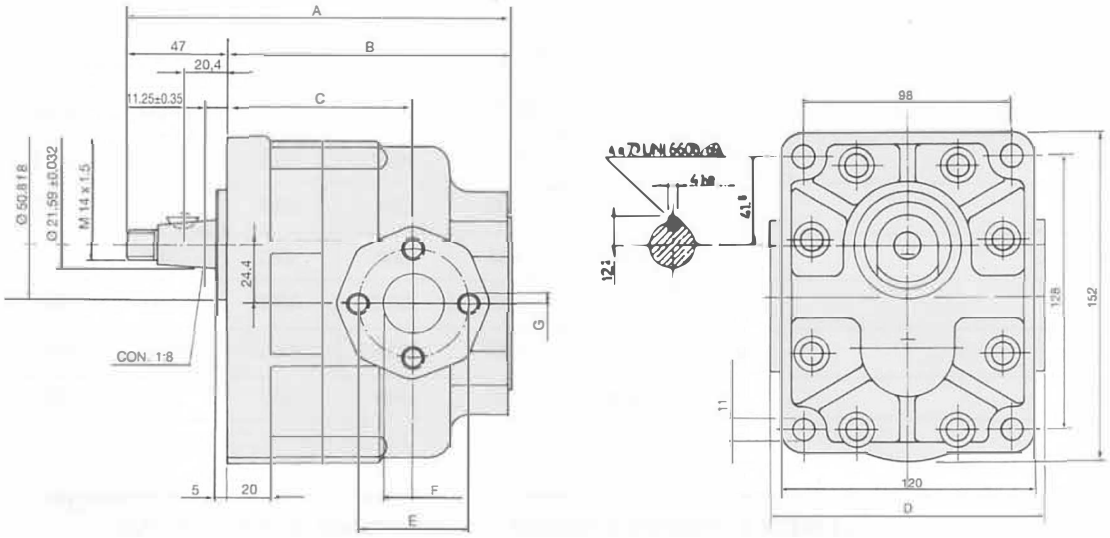
W 3

POMPE SERIE W3 - Pompe autocompensate con corpo in ghisa ad alta resistenza e dimensioni compatte adatte sia su impianti fissi che sul mobile.

W3 SERIES PUMPS - Gear pumps with high tensile strength cast iron body and pressure balanced plates are the right solution when high performances are required both in industrial plants and in machinery.



DIMENSIONI D'INGOMBRO
OVERALL DIMENSIONS



OIL SOLUTIONS

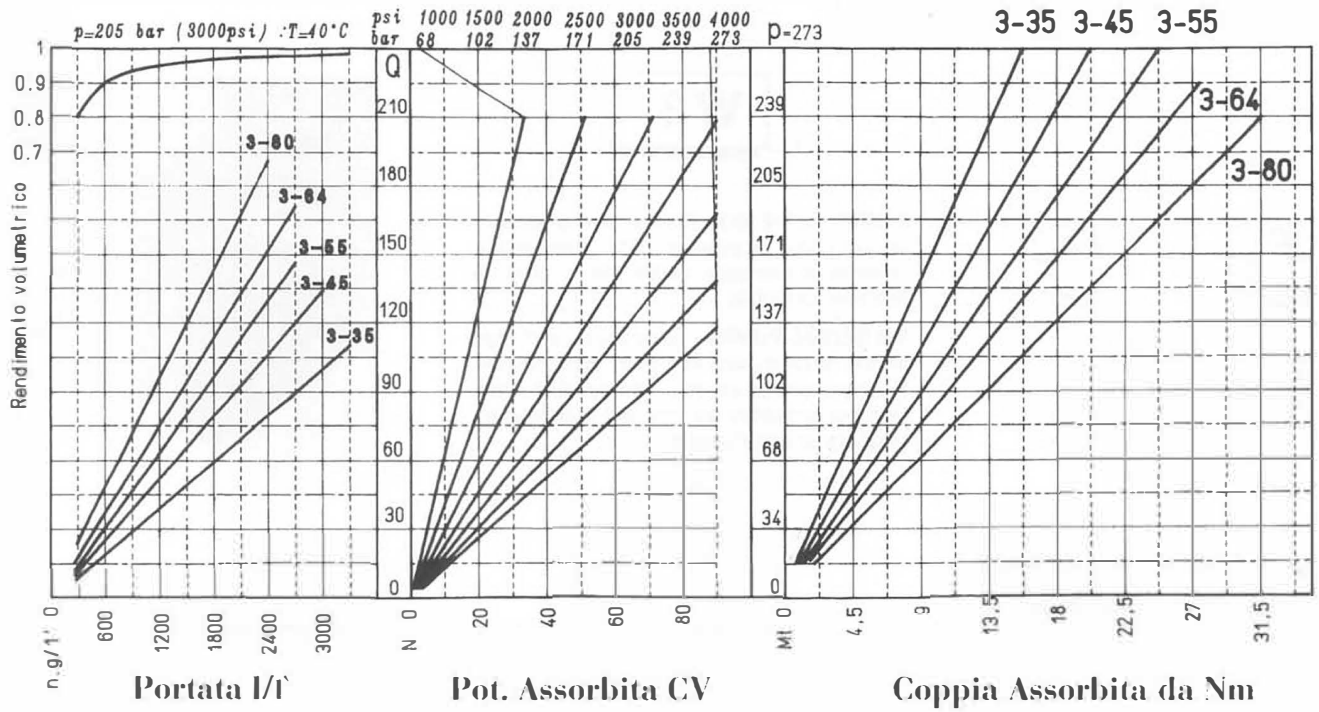
1800-OILSOL
1800-645765

https://oilsolutions.com.au/

sales@oilsolutions.com.au

Tipo Type	A	B	C	D	Aspirazione Inlet			Mandata Outlet			KG
					E	F	G	E	F	G	
W 25	169	122	76	127	51	28	m10	40	20	M8	11
W 35	175	128	82	127	51	28	M10	40	20	M8	11.6
W 45	182	135	89	127	51	28	M10	40	20	M8	12.3
W 55	188	141	95	127	51	28	M10	40	20	M8	12.9
W 64	193	146	85	132	62	33	M12	51	28	M10	13.3
W 80	203	156	95	132	62	33	M12	51	28	M10	14.2

Viscosità olio a 50° C *Oil viscosity at 50° C*	2,5 ÷ 6,5° E
Grado di filtraggio *Oil Filtration*	60 µ per pressioni sino a 105 bar - 40 µ per pressioni superiori *60 µ for pressure up to 105 bar - 40 µ for pressure over*
Temperatura olio *Oil temperature*	- 10 ÷ 80° C (10 ÷ 176° F)



Portata l/t **Pot. Assorbita CV** **Coppia Assorbita da Nm**

		POMPA serie 'PW3 - E'					
Caratteristiche	**U.**	**3-25**	**3-35**	**3-45**	**3-55**	**3-64**	**3-80**
CILINDRATA	cm³/g	24.9	34.3	45.2	54.5	63.9	78.7
Press. continua	bar	300	280	250	230	200	170
Press. di punta		350	330	300	270	240	210
Vel. rot. continua	g/1'	3000	2500	2200	2000	2000	1800
Vel. rot. di punta		3500	3000	2800	2500	2500	2200
Vel. rot. minima		450	350	350	300	250	200

Per pompe reversibili diminuire la pressione del 15%

ISTRUZIONI PER L'ORDINAZIONE - ORDERING ISTRUCTION

W R A

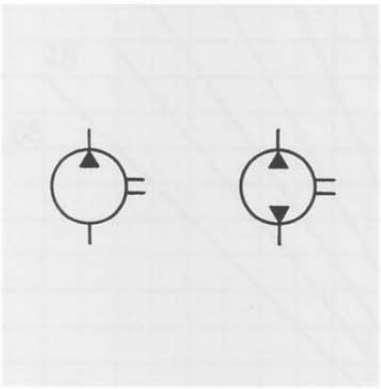
- Tipo di albero / *Shaft type* → **AC** Albero conico / ***AC*** *tapered shaft*
- Senso di rotazione / *Rotation* → **D** Destro - **S** Sinistra - **R** Reversibile / **D** Right - **S** Left - **R** Reversible
- Tipo / *Type* → Vedere tabella / *See table*

ronzio OLEODINAMICA S.R.L.
20010 BOFFALORA TICINO - (Milano) - ITALIA
Viale Industria - Tel. 02/97.54.057 - 97.255.325 - Fax 02/97.255.070

OIL SOLUTIONS
1800-OILSOL
1800-645765
https://oilsolutions.com.au/
sales@oilsolutions.com.au

POMPE AD INGRANAGGI
GEAR PUMPS

ronzio
OLEODINAMICA



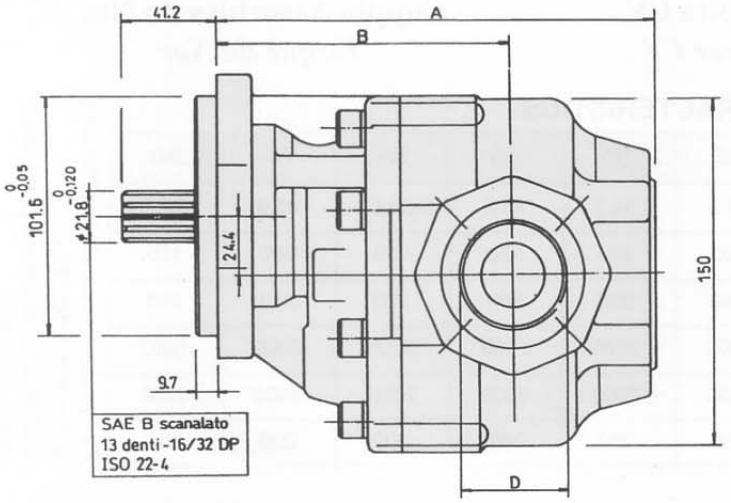
W3-SAE "B"

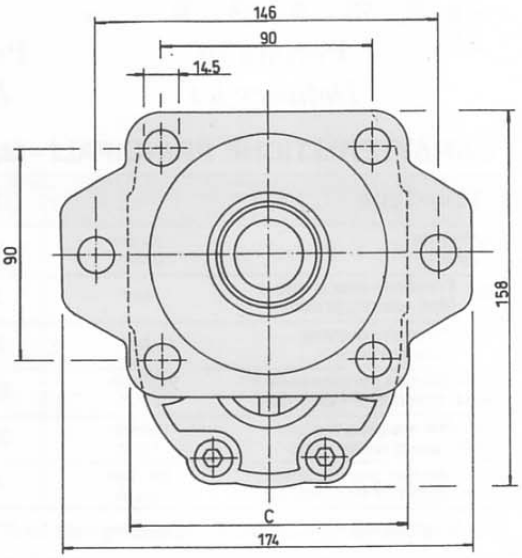
POMPE SERIE W3-SAE "B" - Pompe autocompensate, con corpo in ghisa ad alta resistenza e dimensioni compatte adatte sia su impianti fissi che sul mobile.

PUMPS SERIES W3-SAE "B" - Gear pumps with high tensile strength cast iron body and pressure balanced plates are the right solution when high performances are required both in industrial plants and in machinery.

OIL SOLUTIONS
https://www.oilsolutions.com.au/

DIMENSIONI D'INGOMBRO
OVERALL DIMENSIONS

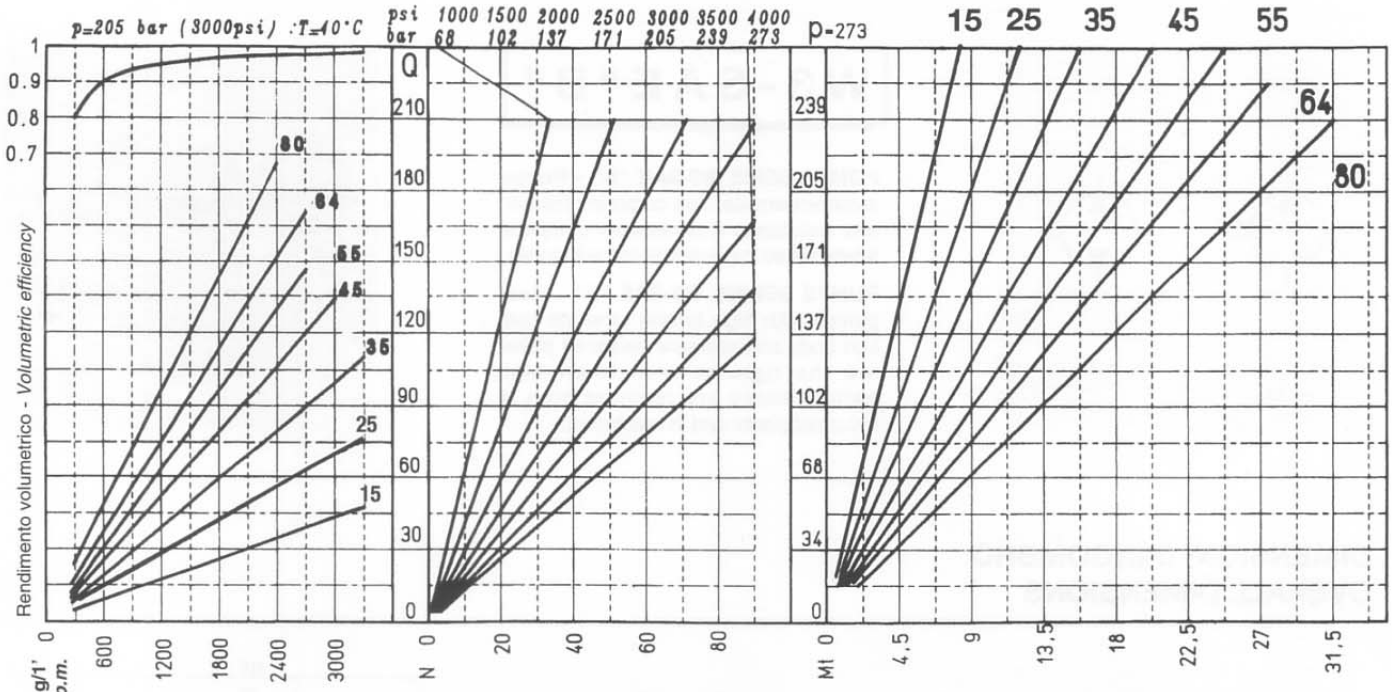




N.B. Nelle pompe reversibili le bocche di mandata sono uguali alle bocche di aspirazione
N.B. *The sizes of inlet and outlet port are the same on the reversible pumps*

Tipo Type	A	B	C	D		Kg.
				Aspirazione Inlet	Mandata Outlet	
15	152	107	130	1-1/16 12 UN 2B	7/8 14 UNF 2B	11.7
25	157	111				12.2
35	163	117		1-5/16 12 UN 2B	1-1/16 12 UN 2B	12.8
45	176	124		1-5/8 12 UN 2B		13.5
55	176	130				14.1
64	182	121	135		1-5/16 12 UN 2B	14.5
80	191	130		1-7/8 12 UN 2B	1-5/8 12 UN 2B	15.4

Viscosità olio a 50° C *Oil viscosity at 50° C*	2,5 ÷ 6,5° E
Grado di filtraggio *Oil Filtration*	60 µ per pressioni sino a 105 bar - 40 µ per pressioni superiori *60 µ for pressure up to 105 bar - 40 µ for pressure over*
Temperatura olio *Oil temperature*	- 10 ÷ 80° C (10 ÷ 176° F)



CARATTERISTICHE PRINCIPALI - MAIN CHARACTERISTICS

Tipo-Type		15	25	35	45	55	64	80
Cilindrata Capacity	cc/giro cc/rev.	15.6	24.9	34.3	45.2	54.5	63.9	78.7
P1 Pressione max continua Max. working pressure	bar	300	300	280	250	230	200	170
P2 Pressione di punta Peak pressure	bar	350	350	330	300	270	240	210
Velocità max per pressione P1 Max. speed for P1 pressure	giri/min. r.p.m.	3000	3000	2500	2200	2000	2000	1800
Velocità massima a vuoto Max. speed without load	giri/min. r.p.m.	3500	3500	3000	2800	2500	2500	2200
Velocità min. per P1 (unidir.) Min. speed for P1 (unidirect.)	giri./min. r.p.m.	450	450	350	350	300	250	200

Per pompe reversibili diminuire la pressione del 15%
With reversible pumps pressure is reduced by 15%

P2: funzionamento max per 5" - *operating max for 5"*

ISTRUZIONI PER L'ORDINAZIONE - ORDERING ISTRUCTION

W R A

Tipo di albero
Shaft type
- **AS** SAE B scanalato 13 denti
- ***AS*** *SAE B 13 Tooth spline*

Senso di rotazione
Rotation
- **S** Sinistro - *left*
- **D** Destro - *Right*
- **R** Reversibile - *Reversible*

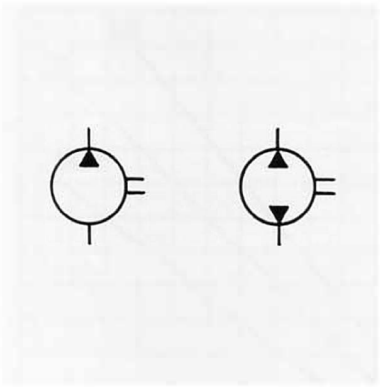
Tipo
Type
- Vedere tabella
- *See table*

ronzio OLEODINAMICA
20010 BOFFALORA TICINO - (Milano) - ITALIA
Viale Industria, 37-39 - Tel. 02/97.54.057 - 97.255.325 - Fax 02/97.255.070
http://www.ronzio.com – e-mail: sales@ronzio.com

colanti.
OIL SOLUTIONS
1800-OILSOL 1800-645765 https://oilsolutions.com.au/ sales@oilsolutions.com.au

POMPE AD INGRANAGGI
GEAR PUMPS

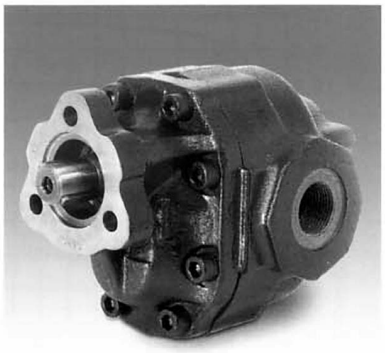
ronzio
OLEODINAMICA



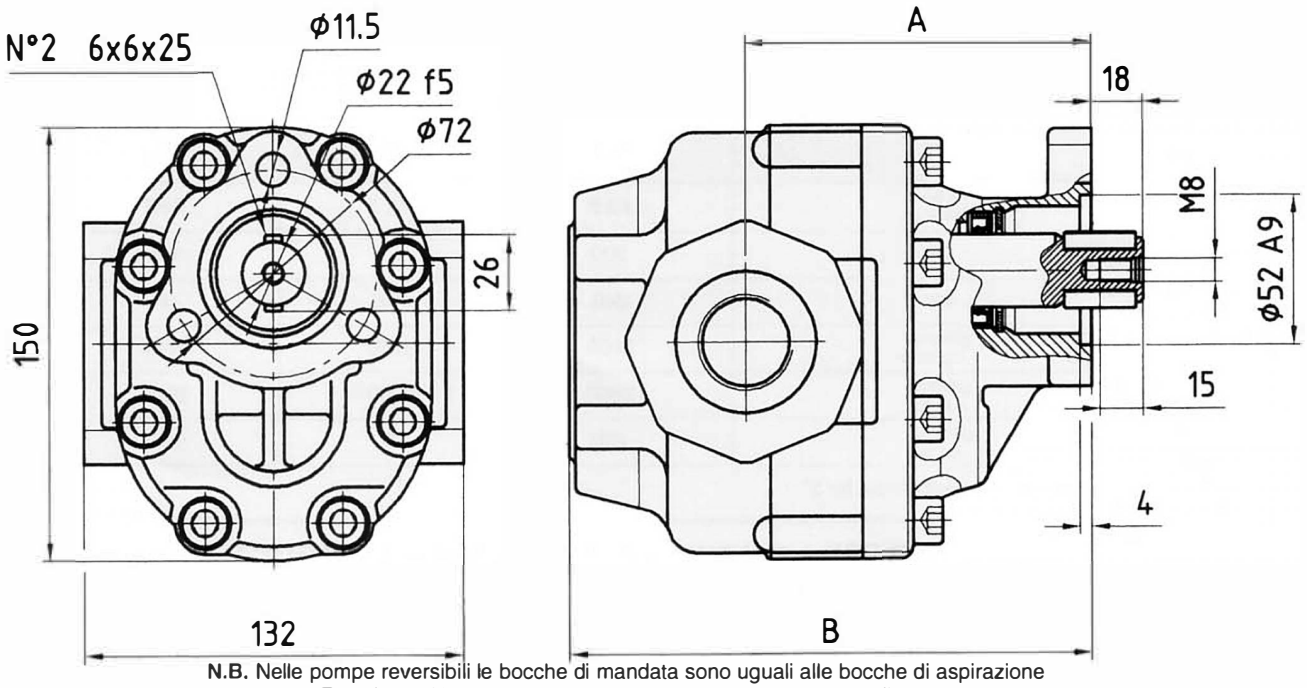
W 3 N

POMPE SERIE W3N - Pompe autocompensate con corpo in ghisa ad alta resistenza e dimensioni compatte adatte sia su impianti fissi che sul mobile.

W3N SERIES PUMPS - Gear pumps with high tensile strength cast iron body and pressure balanced plates are the right solution when high performances are required both in industrial plants and in machinery.



DIMENSIONI D'INGOMBRO
OVERALL DIMENSIONS

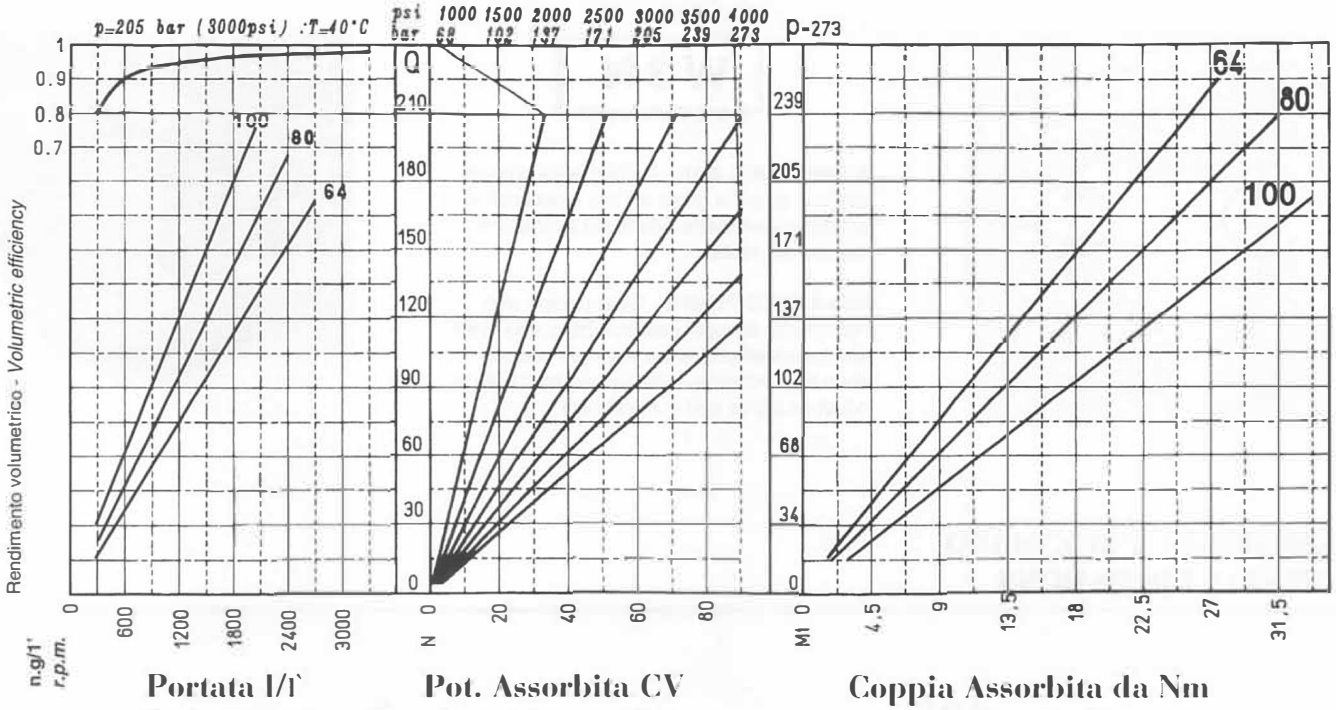


N.B. Nelle pompe reversibili le bocche di mandata sono uguali alle bocche di aspirazione
***N.B.** The sizes of inlet and outlet port are the same on the reversible pumps*

OIL SOLUTIONS
1800-OILSOL
1800-645765
https://oilsolutions.com.au/
sales@oilsolutions.com.au

Tipo Type	A	B	Aspirazione Inlet	Mandata Outlet	Kg
W3N - 64	120.5	182	G 1"	G 1"	13
W3N - 80	130	191.5	G 1"	G 1"	14
W3N - 100	144	205.5	G 1"	G 1"	15

Viscosità olio a 50° C *Oil viscosity at 50° C*	2,5 ÷ 6,5° E
Grado di filtraggio *Oil Filtration*	60 µ per pressioni sino a 105 bar - 40 µ per pressioni superiori *60 µ for pressure up to 105 bar - 40 µ for pressure over*
Temperatura olio *Oil temperature*	- 10 ÷ 80° C (10 ÷ 176° F)



Portata l/1' *Delivery l/1'*

Pot. Assorbita CV *Input Power CV*

Coppia Assorbita da Nm *Torque da Nm*

CARATTERISTICHE PRINCIPALI - MAIN CHARACTERISTICS

Tipo-Type		64	80	100
Cilindrata Capacity	cc/giro cc/rev.	63.9	78.7	99.7
P1 Pressione max continua Max. working pressure	bar	200	170	150
P2 Pressione di punta Peak pressure	bar	240	210	180
Velocità max per pressione P1 Max. speed for P1 pressure	giri/min. r.p.m.	2000	1800	1600
Velocità massima a vuoto Max. speed without load	giri/min. r.p.m.	2500	2200	2000
Velocità min. per P1 (unidir.) Min. speed for P1 (unidirect.)	giri./min. r.p.m.	250	250	250

Per pompe reversibili diminuire la pressione del 15%
With reversible pumps pressure is reduced by 15%

P2: funzionamento max per 5" - *operating max for 5"*

ISTRUZIONI PER L'ORDINAZIONE - ORDERING ISTRUCTION

W3N		

Senso di rotazione — S Sinistra, D Destra, R Reversibile

Rotation — S Left, D Right, R Bidirectional

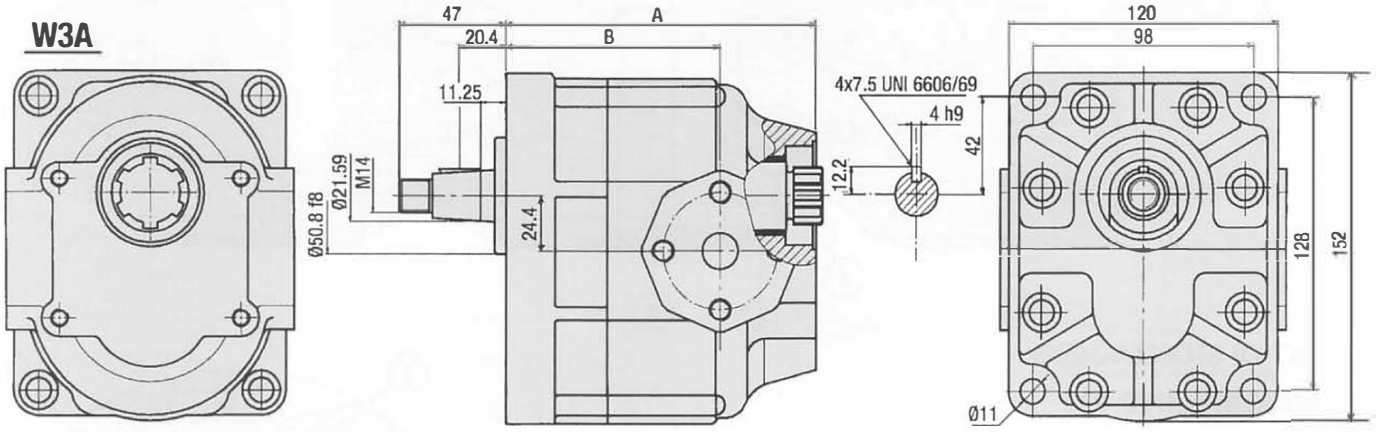
Tipo
Type

ronzio OLEODINAMICA
20010 BOFFALORA TICINO - (Milano) - ITALIA
Viale Industria, 37-39 - Tel. 02/97.54.057 - 97.255.325 - Fax 02/97.255.070
http://www.ronzio.com – e-mail: sales@ronzio.com

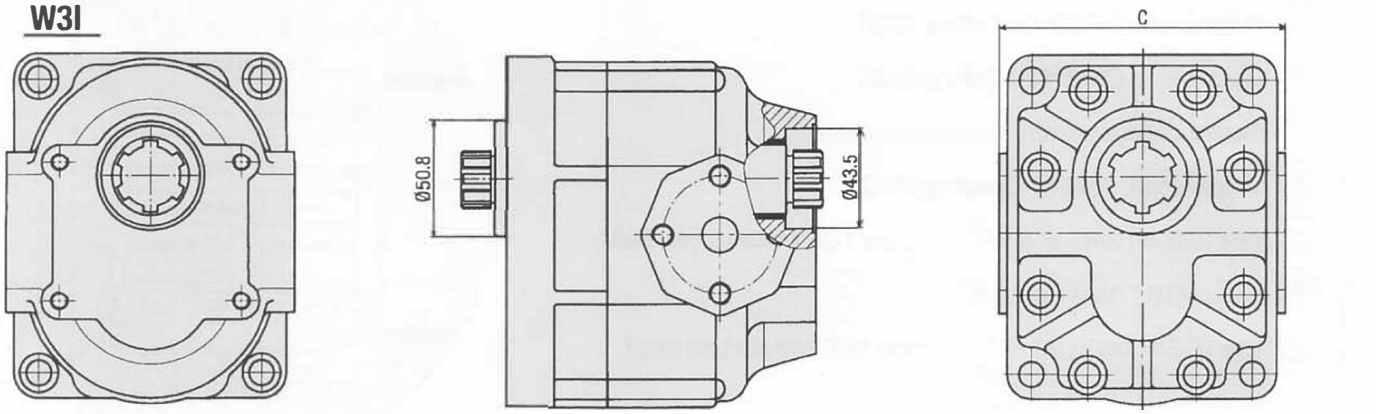
OIL SOLUTIONS
1800-OILSOL https://oilsolutions.com.au/ sales@oilsolutions.com.au
1800-645765

W 3

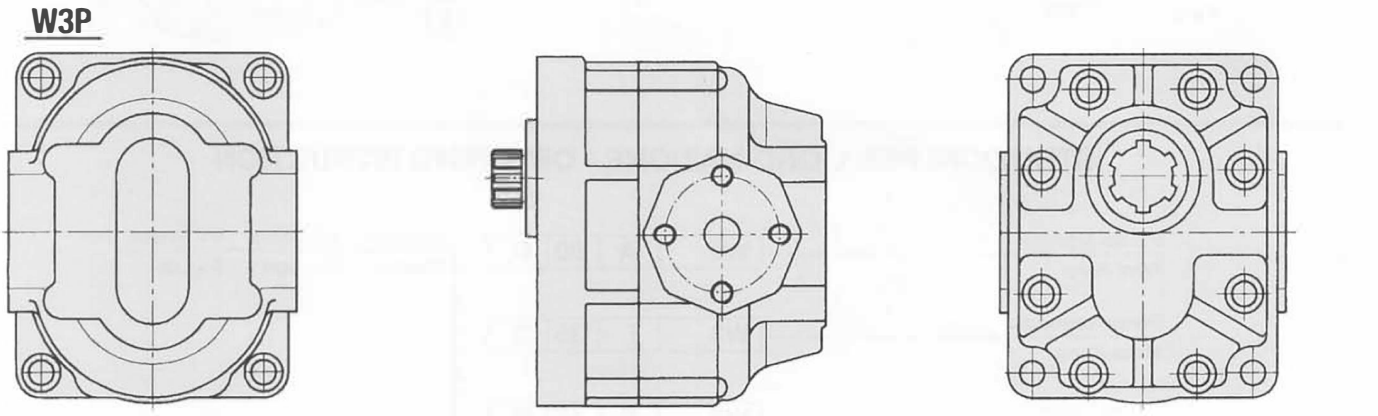
W3A



W3I



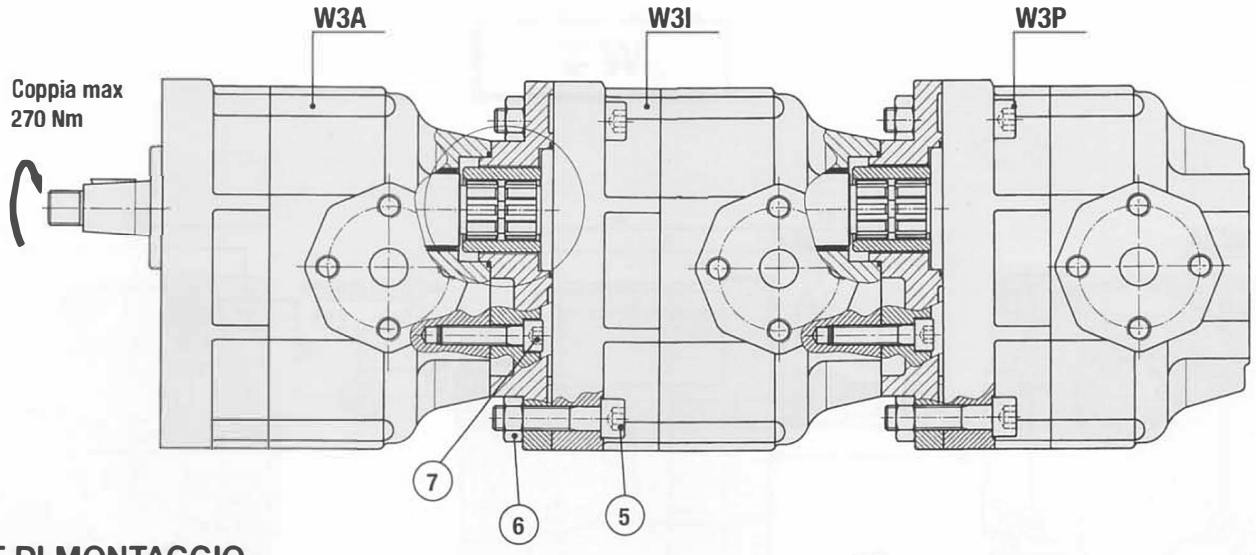
W3P



OIL SOLUTIONS
1800-OILSOL
1800-645765
https://oilsolutions.com.au/
sales@oilsolutions.com.au

N.B. Bocche di aspirazione e mandata vedi: catalogo W3
Inlet and outlet ports see: catalog W3

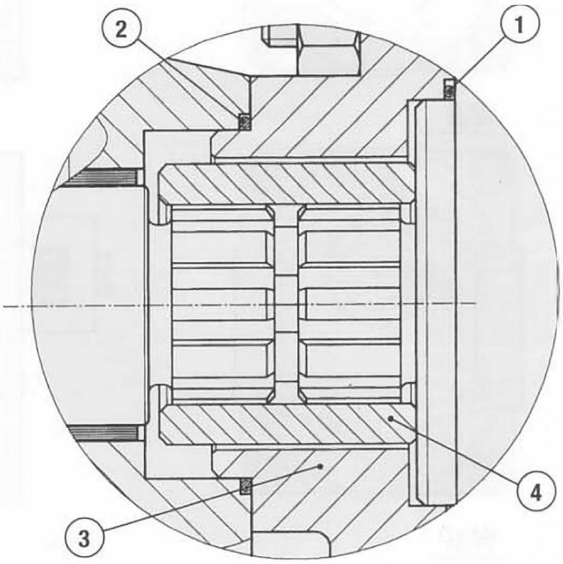
Tipo - Type		15	25	30	35	45	55	64	80
Dimensioni di ingombro Overall dimensions	A	114.5	120.5	121.7	124.5	131.5	137.5	143.5	153
	B	79	85	79.2	82	89	95	85.5	95
	C	127	127	127	127	127	127	132	132



KIT DI MONTAGGIO
ASSEMBLING KIT

1. Guarnizione OR 2200 / O-Ring 2200
2. Guarnizione OR 2162 / O-Ring 2162
3. Piastra collegamento / Connection Plate
4. Mozzo scan. 25x21 / Coupling 25x21
5. Vite TCE M10x45 UNI 5931 / Screw TCE M10x45 UNI 5931
6. Dado M10 / Stud nut M10
7. Vite TCE M8x35 UNI 5931 / Screw TCE M8x35 UNI 5931

cod. K3000000



ISTRUZIONI PER L'ORDINAZIONE - ORDERING ISTRUCTION

Pompa Anterio e / Front Pump	W3	A	80	D	
Pompa inte media / Midde Pump	W3	I	35	D	
Pompa Posteriore / Rear Pump	W3	P	15	D	
			Tipo / Type		

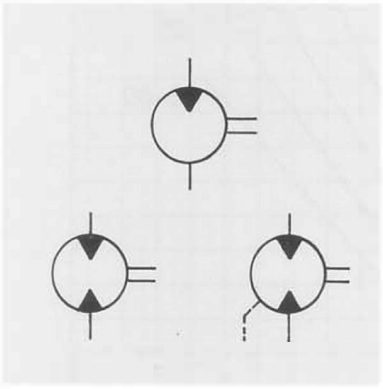
Rotazione / Rotation: D = Destra / Right — S = Sinistra / Left

ronzio OLEODINAMICA
20010 BOFFALORA TICINO - (Milano) - ITALIA
Viale Industria, 37-39 - Tel. 02/97.54.057 - 97.255.325 - Fax 02/97.255.070
http://www.ronzio.com – e-mail: sales@ronzio.com

OIL SOLUTIONS
1800-OILSOL
1800-645765
https://oilsolutions.com.au/
sales@oilsolutions.com.au

POMPE AD INGRANAGGI
GEAR MOTORS

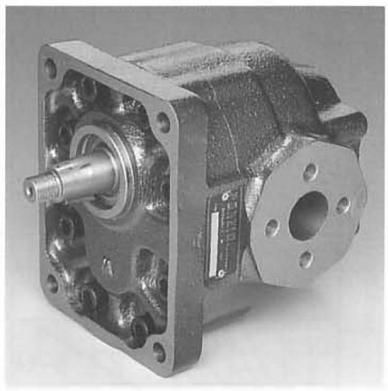
ronzio
OLEODINAMICA



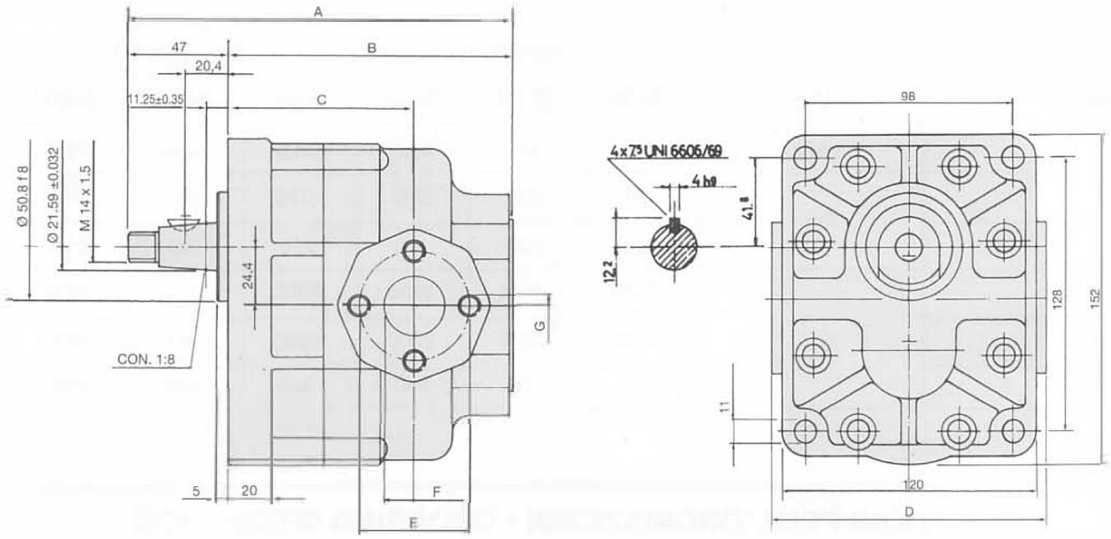
MW3

MOTORI SERIE W3 - Motori autocompensati con corpo in ghisa ad alta resistenza e dimensioni compatte adatte sia su impianti fissi che sul mobile.

W3 SERIES MOTORS - Gear motors with high tensile strength cast iron body and pressure balanced plates are the right solution when high performances are required both in industrial plants and in machinery.



DIMENSIONI D'INGOMBRO
OVERALL DIMENSIONS



OIL SOLUTIONS

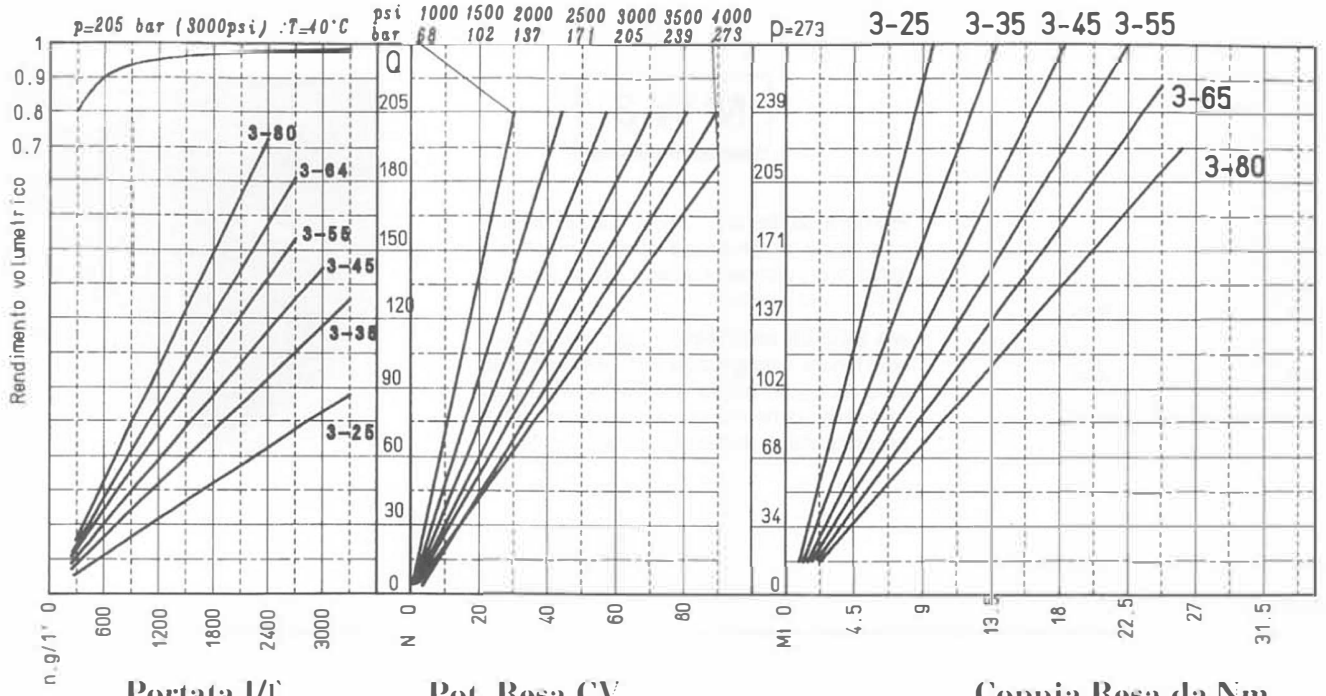
1800-OILSOL
1800-645765

https://oilsolutions.com.au/

sales@oilsolutions.com.au

Tipo Type	A	B	C	D	Aspirazione Inlet			Mandata Outlet			KG
					E	F	G	E	F	G	
W 25	169	122	76	127	51	28	m10	40	20	M8	11
W 35	175	128	82	127	51	28	M10	40	20	M8	11.6
W 45	182	135	89	127	51	28	M10	40	20	M8	12.3
W 55	188	141	95	127	51	28	M10	40	20	M8	12.9
W 64	193	146	85	132	62	33	M12	51	28	M10	13.3
W 80	203	156	95	132	62	33	M12	51	28	M10	14.2

Viscosità olio a 50° C *Oil viscosily at 50° C*	2,5 ÷ 6,5° E
Grado di filtraggio *Oil Filtration*	60 µ per pressioni sino a 105 bar - 40 µ per pressioni superiori *60 µ for pressure up to 105 bar - 40 µ for pressure over*
Temperatura olio *Oil temperature*	- 10 ÷ 80° C (10 ÷ 176° F)



Portata l/l' **Pot. Resa CV** **Coppia Resa da Nm**

		MOTORE serie 'MW3 - E'					
Caratteristiche	**U.**	**3-25**	**3-35**	**3-45**	**3-55**	**3-64**	**3-80**
CILINDRATA	cm³/g	24.9	34.3	45.2	54.5	63.9	78.7
Press. continua	bar	300	280	250	230	200	170
Press. di punta		350	330	300	270	240	210
Vel. rot. continua	g/1'	3000	2500	2200	2000	2000	1800
Vel. rot. di punta		3500	3000	2800	2500	2500	2200
Vel. rot. minima		450	350	350	300	250	200

Per motori reversibili diminuire la pressione del 15%

ISTRUZIONI PER L'ORDINAZIONE - ORDERING ISTRUCTION

W **R** **DR**

- Drenaggio / *Drain*: **E** Esterno - *External*; **I** Interno - *Internal*
- Senso di rotazione / *Rotation*: **D** Destro - **S** Sinistra - **R** Reversibile; **D** Right - **S** Left - **R** Reversible
- Tipo / *Type*: Vedere tabella / *See table*

ronzio OLEODINAMICA S.N.C.
20010 BOFFALORA TICINO - (Milano) - ITALIA
Viale Industria - Tel. 02/97.54.057 - 97.255.325 - Fax 02/97.255.070

OIL SOLUTIONS
1800-OILSOL
1800-645765
https://oilsolutions.com.au/
sales@oilsolutions.com.au