



Hydrocar
Hydraulic Energy



catalogo generale / general catalogue

BIDIREZIONALE
BI-ROTATIONAL

CODICE DI ORDINAZIONE / ORDERING CODE

201 PE 014 0 SE

TIPO/TYPE
CILINDRATA/DISPLACEMENT
VERSIONE/VERSION
DIN 5462

POMPA A PISTONI/PISTON PUMP

PE

DIN
5 4 6 2
SE

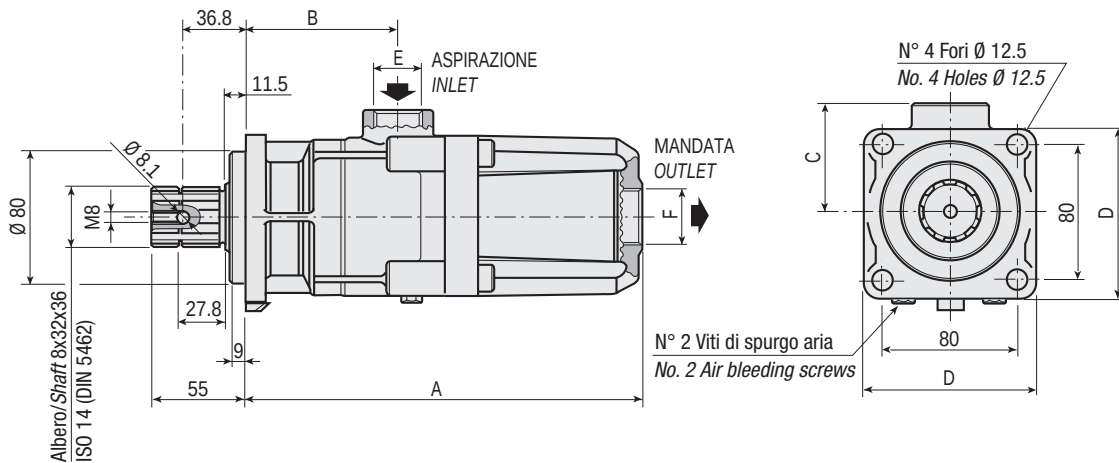
PE 14
PE 19
PE 25
PE 30

Pompa a Pistoni
Piston Pump



CARATTERISTICHE E DATI TECNICI / SPECIFICATIONS AND TECHNICAL DATA

TIPO TYPE	CODICE CODE	A mm	B mm	C mm	D mm	E ASPIRAZIONE INLET	F MANDATA OUTLET	PESO WEIGHT kg
PE 14	201PE0140SE	230	88.5	63	100	1" G	1" G	10.8
PE 19	201PE0190SE							10.7
PE 25	201PE0250SE							10.6
PE 30	201PE0300SE							10.5



- A richiesta possono essere fornite le pompe a pistoni con le guarnizioni HNBR per climi freddi (-40 °C).
- On request our piston pumps may be supplied with HNBR seals for cold climates (-40 °C).

Yazım/Basım Hatalarından Firmamız Sorumlu Değildir



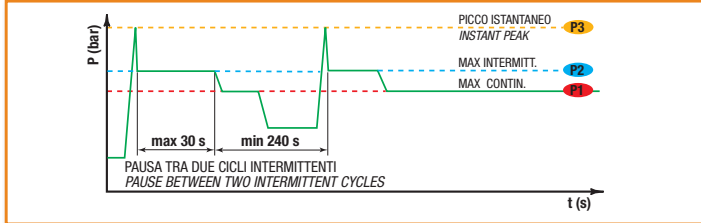
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Hydraulic Energy



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DATI TECNICI / TECHNICAL DATA

ESEMPIO CICLI LAVORO / EXAMPLE OF WORKING CYCLES

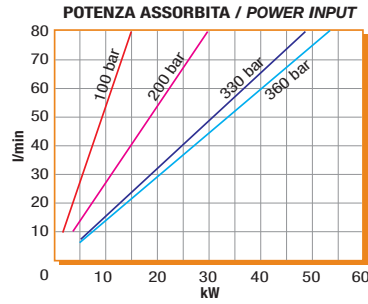
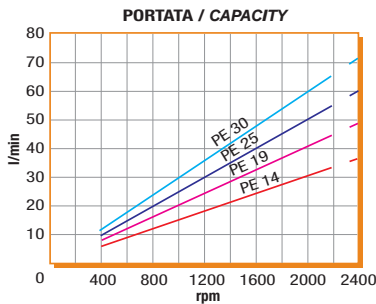


Pressione Lavoro / Working Press. P2	Contaminazione / Contamination		Filtro / Filter $\beta_x = 75$
	NAS 1638	ISO 4406	
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

Pressione d'aspirazione: / Inlet pressure:	0.7 ÷ 1.5 bar (assoluti/absolute)
Campo viscosità lavoro: / Operating viscosity range:	12 ÷ 100 cSt
Temperatura fluido °C (t): / Fluid temperature °C (t):	-10° + 80° C

◀ **FILTRAZIONE CONSIGLIATA (ritorno o mandata)**
RECOMMENDED FILTERING (return or outlet)

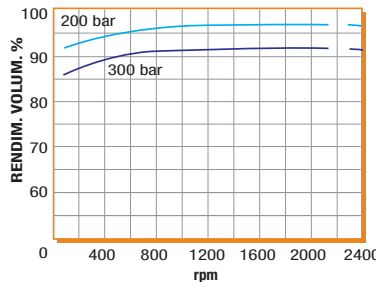
TIPO / TYPE			PE14	PE19	PE25	PE30
Cilindrata / Displacement	Vg	cm ³ /n cm ³ /rev.	16.0	21.3	26.7	32.0
Pressione massima continua / Max continuous operating pressure	P1	bar	330	330	330	330
Pressione massima intermittente / Max intermitt. operat. press. (max 30 s)	P2		360	360	360	360
Pressione massima di picco / Max peak pressure (≤ 0.1 s)	P3		500	500	500	500
Velocità massima intermittente / Max intermittent speed (P ≤ 20 bar)	n3	n/min r.p.m.	2400	2400	2400	2400
Velocità massima continua / Max continuous speed ($\leq P1$)	n1		1800	1800	1800	1800
Velocità minima intermittente / Min intermittent speed ($\leq P2 \times 0.5$) (max 30 s)	n4		400	400	350	350



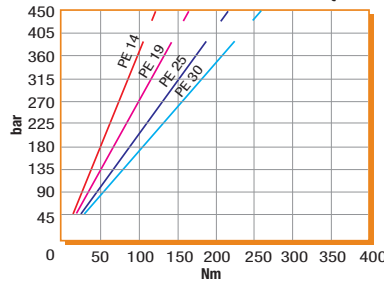
RILIEVI ESEGUITI CON OLIO
ISO VG 46 A 50° C ($\nu = 30$ cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C ($\nu = 30$ cSt)

DIAGRAMMI / DIAGRAMS

RENDIMENTO VOLUMETRICO / VOLUMETRIC EFFICIENCY



COPPIA ASSORBITA / DRIVE TORQUE



Yazım/Besim Hatlarından Firmamız Sorumlu Değildir



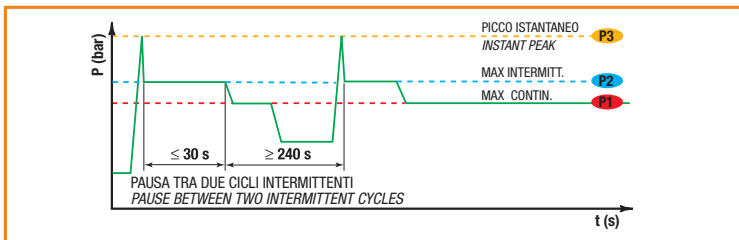
Hydrocar
Hydraulic Energy



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DATI TECNICI / TECHNICAL DATA

ESEMPIO CICLI LAVORO / EXAMPLE OF WORKING CYCLES

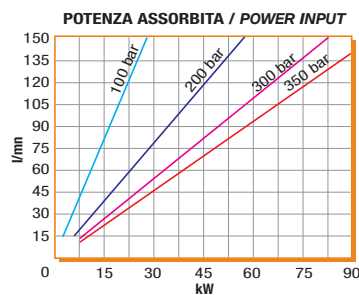
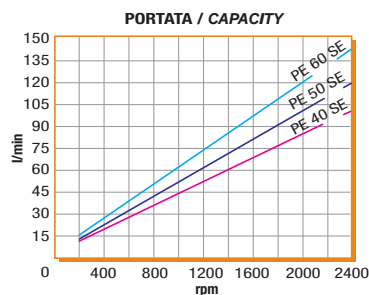


Pressione d'aspirazione: Inlet pressure:	0.7 ÷ 1.5 bar (assoluti/absolute)
Campo viscosità lavoro: Operating viscosity range:	12 ÷ 100 cSt
Temperatura fluido °C (t): Fluid temperature °C (t):	-10° + 80° C

Pressione Lavoro Working Press.	P2	Contaminazione / Contamination NAS 1638	ISO 4406	Filtro / Filter βx = 75
≤ 200 bar		12	21/18	40 μm
≥ 200 bar		11	20/17	25 μm

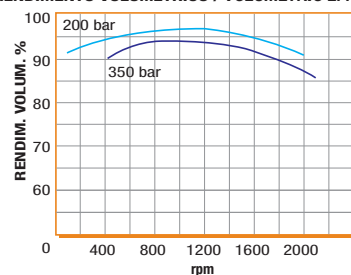
◀ FILTRAZIONE CONSIGLIATA (ritorno o mandata)
RECOMMENDED FILTERING (return or outlet)

TIPO / TYPE			PE40	PE50	PE60
Cilindrata Displacement	Vg	cm³/n cm³/rev.	37	50	60
Pressione massima continua Max continuous operating pressure	P1	bar	330	330	290
Pressione massima intermittente Max intermitt. operat. press.	(max 30 s) P2		360	360	340
Pressione massima di picco Max peak pressure	(≤ 0.1 s) P3		500	500	400
Velocità massima intermittente Max intermittent speed	(P ≤ 20 bar) n3	n/min r.p.m.	2400	2400	2100
Velocità massima continua Max continuous speed	(≤ P1) n1		1800	1800	1700
Velocità minima intermittente Min intermittent speed	(≤ P2 x 0.5) (max 30 s) n4		400	400	300

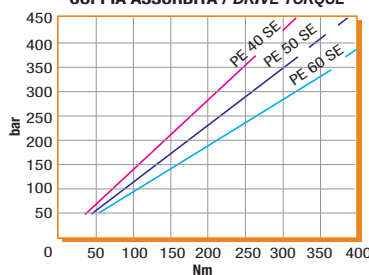


DIAGRAMMI / DIAGRAMS

RENDIMENTO VOLUMETRICO / VOLUMETRIC EFFICIENCY



COPPIA ASSORBITA / DRIVE TORQUE



RILIEVI ESEGUITI CON OLIO
ISO VG 46 A 50° C (ν = 30 cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C (ν = 30 cSt)



Hydrocar
Hydraulic Energy



catalogo generale / general catalogue

BIDIREZIONALE
BI-ROTATIONAL

CODICE DI ORDINAZIONE / ORDERING CODE

201 PEC 70 W SE

TIPO/TYPE

POMPA A PISTONI/PISTON PUMP

DIN 5462

VERSIONE/VERSION

CILINDRATA/DISPLACEMENT

PE

DIN
5462
SE

PE 70

PE 80

PE 90

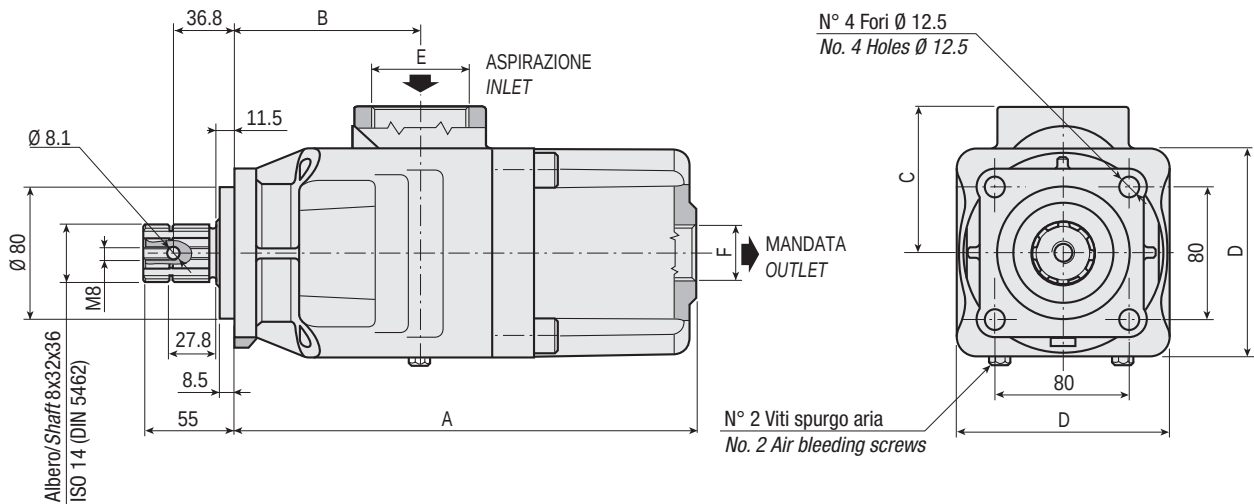
PE 100

Pompa a Pistoni
Piston Pump



CARATTERISTICHE E DATI TECNICI / SPECIFICATIONS AND TECHNICAL DATA

TIPO TYPE	CODICE CODE	A mm	B mm	C mm	D mm	E ASPIRAZIONE INLET	F MANDATA OUTLET	PESO WEIGHT kg
PE 70	201PEC70WSE	263	111	88	125	2" G	1" G	21.2
PE 80	201PEC80WSE							21.2
PE 90	201PEC90WSE							21.0
PE 100	201PEC98WSE							20.8



- A richiesta possono essere fornite le pompe a pistoncini con le guarnizioni HNBR per climi freddi (-40 °C).
- On request our piston pumps may be supplied with HNBR seals for cold climates (-40 °C).

Yazım/Basım Hatalarından Firmamız Sorumlu Değildir



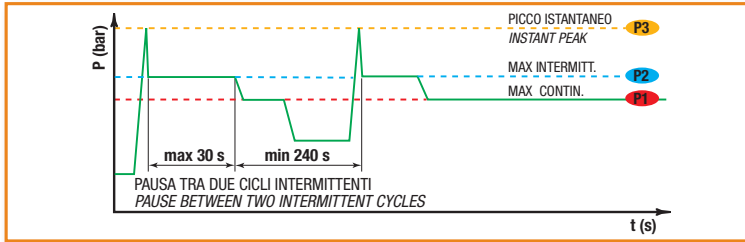
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DATI TECNICI / TECHNICAL DATA

ESEMPIO CICLI LAVORO / EXAMPLE OF WORKING CYCLES

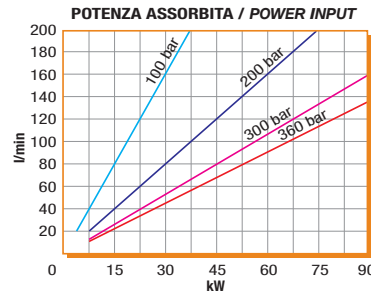
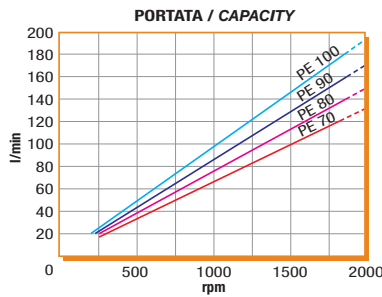


Pressione d'aspirazione: Inlet pressure:	0.7 ÷ 1.5 bar (assoluti/absolute)
Campo viscosità lavoro: Operating viscosity range:	12 ÷ 100 cSt
Temperatura fluido °C (t): Fluid temperature °C (t):	-10° + 80° C

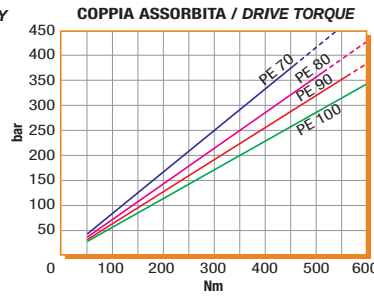
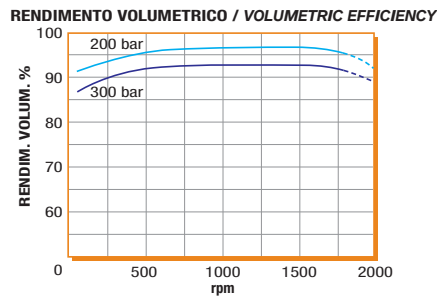
Pressione Lavoro Working Press. P2	Contaminazione / Contamination		Filtro / Filter βx = 75
NAS 1638	ISO 4406		
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

◀ **FILTRAZIONE CONSIGLIATA (ritorno o mandata)**
RECOMMENDED FILTERING (return or outlet)

TIPO / TYPE			PE70	PE80	PE90	PE100
Cilindrata Displacement	Vg	cm³/n cm³/rev.	68.1	77.9	87.6	97.3
Pressione massima continua Max continuous operating pressure	P1		330	300	300	290
Pressione massima intermittente Max intermitt. operat. press.	(max 30 s) P2	bar	360	350	350	340
Pressione massima di picco Max peak pressure	(≤ 0.1 s) P3		450	450	450	450
Velocità massima intermittente Max intermittent speed	(P ≤ 20 bar) n3		2000	2000	2000	2000
Velocità massima continua Max continuous speed	(≤ P1) n1	n/min r.p.m.	1500	1500	1500	1500
Velocità minima intermittente Min intermittent speed	(≤ P2 x 0.5) (max 30 s) n4		300	300	300	300



DIAGRAMMI / DIAGRAMS



RILIEVI ESEGUITI CON OLIO
ISO VG 46 A 50° C (ν = 30 cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C (ν = 30 cSt)

BIDIREZIONALE
BI-ROTATIONAL

PE

Pompa a Pistoni
Piston Pump



CODICE DI ORDINAZIONE / ORDERING CODE

201 PE 2 40 W SE

21 UNI 222

VERSIONE/VERSION

CILINDRATA/DISPLACEMENT

2 MANDATA/DOUBLE OUTLET

TIPO/TYPE

POMPA A PISTONI/PISTON PUMP

DIN
5 4 6 2
SE

PE 40 + 40

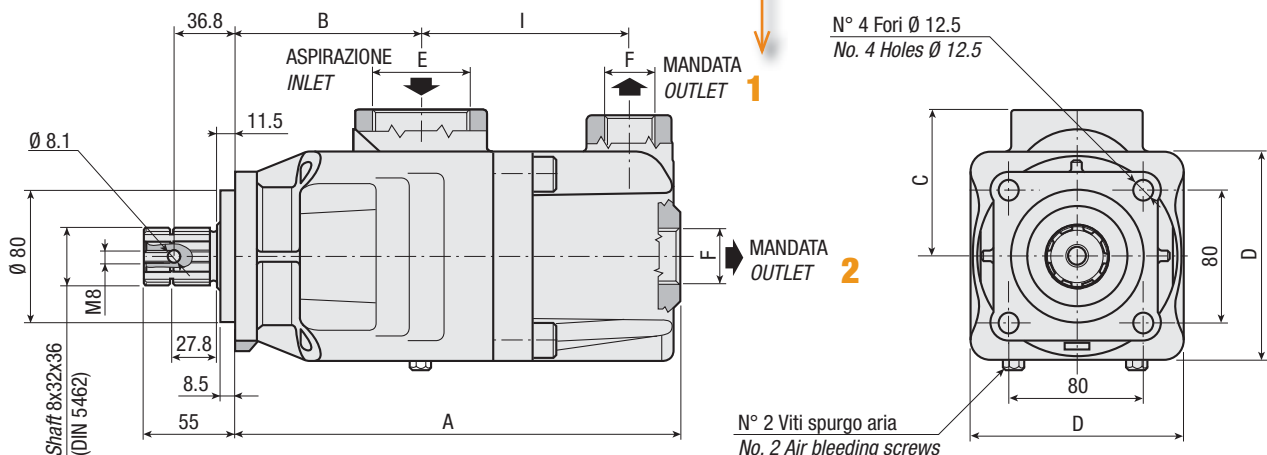
PE 50 + 50

CARATTERISTICHE E DATI TECNICI / SPECIFICATIONS AND TECHNICAL DATA

TIPO TYPE	CODICE CODE	A mm	B mm	C mm	D mm	I mm	E ASPIRAZIONE INLET	F MANDATA OUTLET	PESO WEIGHT kg
PE 40 + 40 SE	201PE240WSE	263	111	88	125	124	2" G	1" G	21.5
PE 50 + 50 SE	201PE250WSE								21.3

NOTA: a richiesta la mandata **1** può essere orientata a $\pm 90^\circ$ o 180° rispetto all'aspirazione.

NOTE: on request outlet **1** can be placed $\pm 90^\circ$ or 180° with reference to the inlet.



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Yazım/Basım Hatalarından Firmamız Sorumlu Değildir



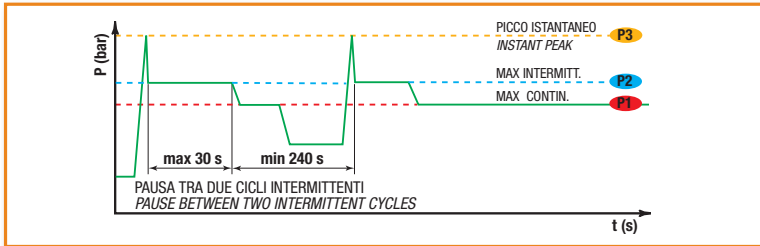
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DATI TECNICI / TECHNICAL DATA

ESEMPIO CICLI LAVORO / EXAMPLE OF WORKING CYCLES

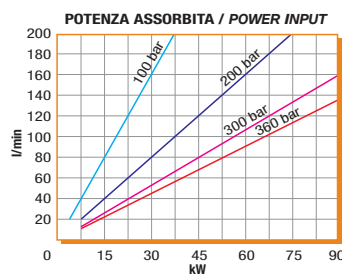
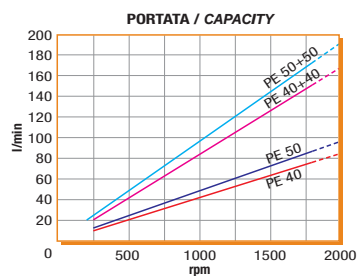


Pressione d'aspirazione: Inlet pressure:	0.7 ÷ 1.5 bar (assoluti/absolute)
Campo viscosità lavoro: Operating viscosity range:	12 ÷ 100 cSt
Temperatura fluido °C (t): Fluid temperature °C (t):	-10° + 80° C

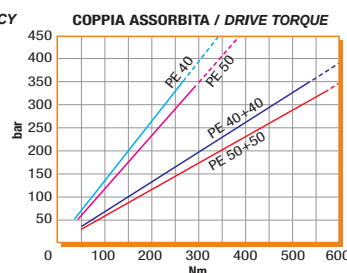
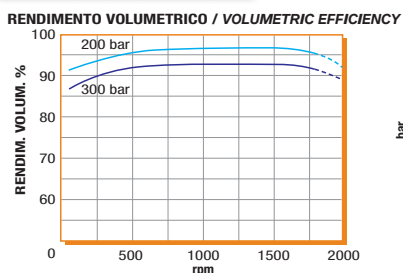
Pressione Lavoro Working Press.	P2	Contaminazione / Contamination NAS 1638	ISO 4406	Filtro / Filter $\beta_x = 75$
≤ 200 bar		12	21/18	40 μm
≥ 200 bar		11	20/17	25 μm

◀ **FILTRAZIONE CONSIGLIATA (ritorno o mandata)**
RECOMMENDED FILTERING (return or outlet)

TIPO / TYPE			PE 40 + 40	PE 50 + 50
Cilindrata Displacement	Vg	cm ³ /n cm ³ /rev.	2x43.1	2x48.7
Pressione massima continua Max continuous operating pressure	P1		300	290
Pressione massima intermittente Max intermitt. operat. press.	(max 30 s)	P2	350	340
Pressione massima di picco Max peak pressure	(≤ 0.1 s)	P3	450	450
Velocità massima intermittente Max intermittent speed	(P ≤ 20 bar)	n3	2000	2000
Velocità massima continua Max continuous speed	($\leq P1$)	n1	1500	1500
Velocità minima intermittente Min intermittent speed	($\leq P2 \times 0.5$) (max 30 s)	n4	400	300



DIAGRAMMI / DIAGRAMS



RILIEVI ESEGUITI CON OLIO
ISO VG 46 A 50° C ($\nu = 30$ cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C ($\nu = 30$ cSt)