



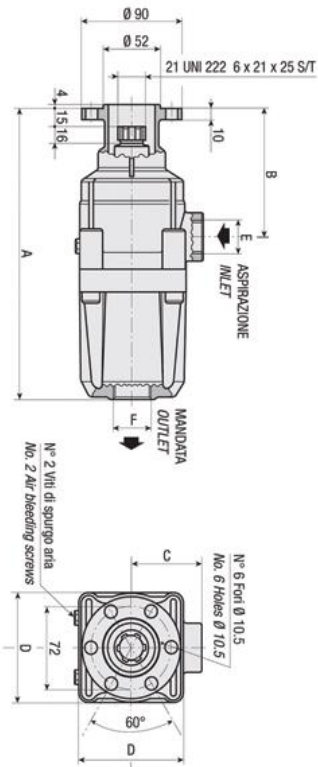
柱塞泵
Piston Pump



PE
UNI
21-222
PE 14
PE 19
PE 25
PE 30

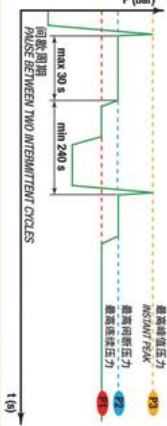
型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	E 吸油口 INLET	F 出油口 OUTLET	重量 WEIGHT kg
PE 14	201PE014000							10.1
PE 19	201PE019000							10.0
PE 25	201PE025000	253	112	63	95	1" G	1" G	9.9
PE 30	201PE030000							9.7



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES

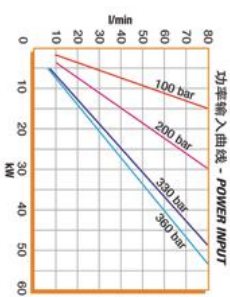
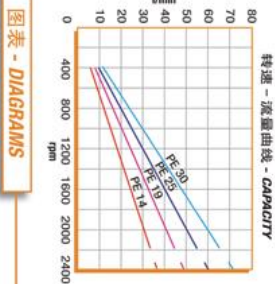


工作压力 Working Press. P2	杂质 - Contamination MAS 1638	ISO 4406	过滤器 - Filter ($\beta_x = 75$)
≤ 200 bar	12	21/18	40 μ m
≥ 200 bar	11	20/17	25 μ m

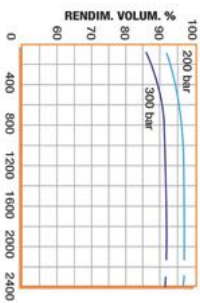
吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (F): Fluid temperature °C (F):	-10° - 80° C

推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

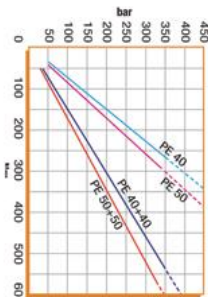
型号 - TYPE	排量 Displacement Vg	最高连续压力 Max continuous operating pressure Max intermittent, operat. press.	最高间断压力 Max intermittent pressure Max peak pressure	回断压力下的最高转速 Max intermittent speed ($P \leq 20$ bar)	连续压力下的最高转速 Max continuous speed ($\leq P1$)	回断压力下的最低速度 Min intermittent speed ($\leq P2 \times 0.5$) (最大 30 s)	PE14	PE19	PE25	PE30
	cm ³ /h cm ³ /rev	bar	bar	n/min	n/min	n4	16.0	21.3	26.7	32.0
				r.p.m.	r.p.m.		330	330	330	330
							380	360	360	360
							500	500	500	500
							2400	2400	2400	2400
							1800	1800	1800	1800
							400	400	350	350



容积效率 - VOLUMETRIC EFFICIENCY



驱动扭矩 - DRIVE TORQUE



所用液压油为
ISO VG 46 A 50° C ($N = 30$ cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C ($N = 30$ cSt)

双向旋转
BI-ROTATIONAL

编号代码 - ORDERING CODE

201 PE 014 0 SE

PE
DIN
5462
SE

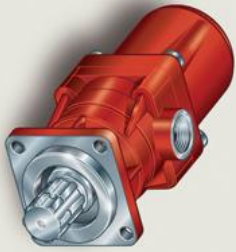
PE 14
PE 19
PE 25
PE 30

改型号/VERSION
DIN 5462

排量/DISPLACEMENT

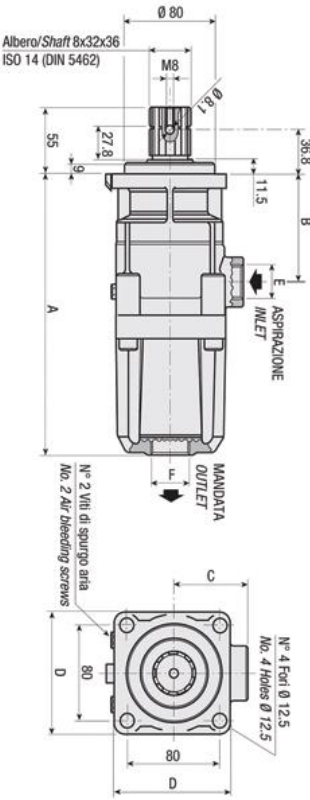
柱塞泵/PISTON PUMP

柱塞泵
Piston Pump



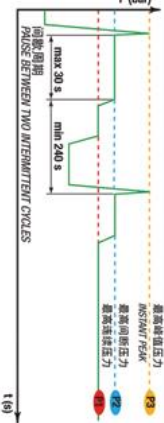
型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	E 英寸 INLET	F 英寸 OUTLET	重量 WEIGHT kg
PE 14	201PE0140SE							10.8
PE 19	201PE0190SE	230	88.5	63	100	1" G	1" G	10.7
PE 25	201PE0250SE							10.6
PE 30	201PE0300SE							10.5



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES



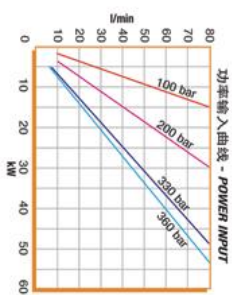
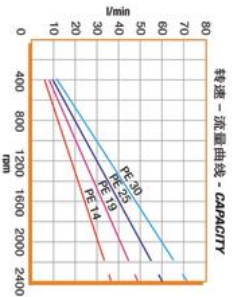
吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (°F): Fluid temperature °C (°F):	-10° - 80° C

工作压力 Working Press. P2	杂质 - Contamination NAS 1638	ISO 4406	过滤器 - Filter βx = 75
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

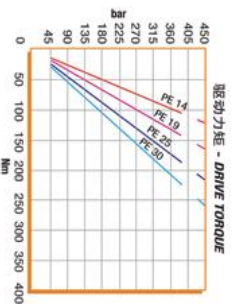
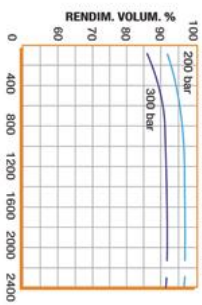
推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

型号 - TYPE	排量 Displacement Vg cm ³ /h cm ³ /rev.	PE14	PE19	PE25	PE30
最高连续压力 Max continuous operating pressure	P1	330	330	330	330
最高间断压力 Max intermittent operat. press.	P2	380	380	380	380
最高峰值压力 Max peak pressure	P3	500	500	500	500
回断压力下的最高转速 Max intermittent speed (P ≤ 20 bar)	n3	2400	2400	2400	2400
连续压力下的最高转速 Max continuous speed (≤ P1)	n1	1800	1800	1800	1800
回断压力下的最低速度 Min intermittent speed (≤ P2 x 0.5) (最大 30 s)	n4	400	400	350	350

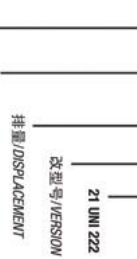
图表 - DIAGRAMS



容积效率 - VOLUMETRIC EFFICIENCY



所用液压油为
ISO VG 46 A 50° C (N = 30 cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C (N = 30 cSt)



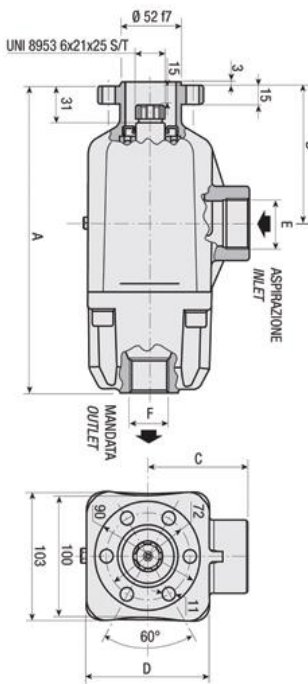
柱塞泵
Piston Pump



PE
UNI
21-222
PE 40
PE 50
PE 60

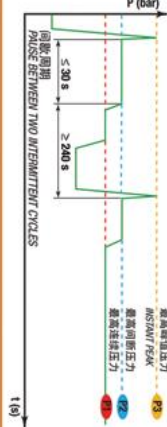
型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	E mm	F mm	重量 WEIGHT kg
PE 40	201PE040Z00	253	113	85	106	1" 1/4 G	1" G	10.4
PE 50	201PE050Z00							10.4
PE 60	201PE060Z00							10.4



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES

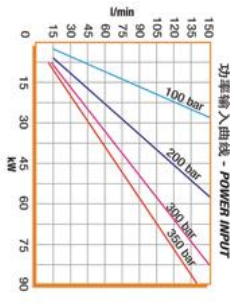
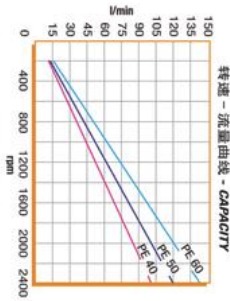


吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (l): Fluid temperature °C (l):	-10° - 80° C

工作压力 Working Press. P2	杂质 - Contamination MAS 1638	ISO 4406	过滤器 - Filter ($\beta_x = 75$)
≤ 200 bar	12	21/18	40 μ m
≥ 200 bar	11	20/17	25 μ m

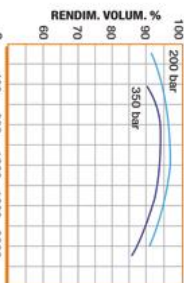
推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

型号 - TYPE	排量 Displacement Vg	最高连续压力 Max continuous operating pressure Max intermittent, operat. press.	最高间断压力 Max intermittent pressure Max peak pressure	最高峰压力 Max peak pressure (≤ 0.1 s)	间断压力下的最高转速 Max intermittent speed (≤ 20 bar)	连续压力下的最高转速 Max continuous speed ($\leq P1$)	间断压力下的最低速度 Min intermittent speed ($\leq P2 \times 0.5$) (最大 30 s)
PE40	37 cm ³ /rev	P1	P2	P3	n3	n1	n4
PE50	50 cm ³ /rev	330 bar	360 bar	500 bar	2400 r/min	1800 r/min	400 r/min
PE60	60 cm ³ /rev	290 bar	340 bar	400 bar	2100 r/min	1700 r/min	300 r/min

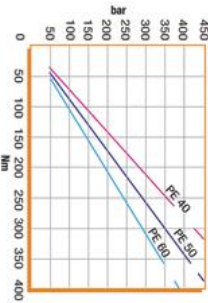


图表示 - DIAGRAMS

容积效率 - VOLUMETRIC EFFICIENCY



驱动扭矩 - DRIVE TORQUE



所用液压油为
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)

双向柱塞泵
BI-ROTATIONAL

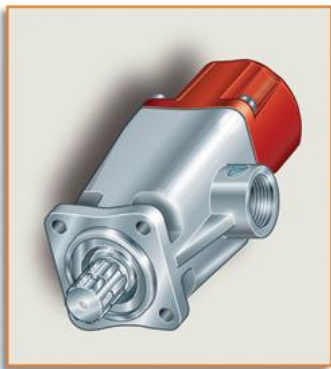
编号代码 - ORDERING CODE

201 PE 040 Z SE

DIN 5462
改型号/VERSION
排量/DISPLACEMENT
型号/TYPE
柱塞泵/PISTON PUMP

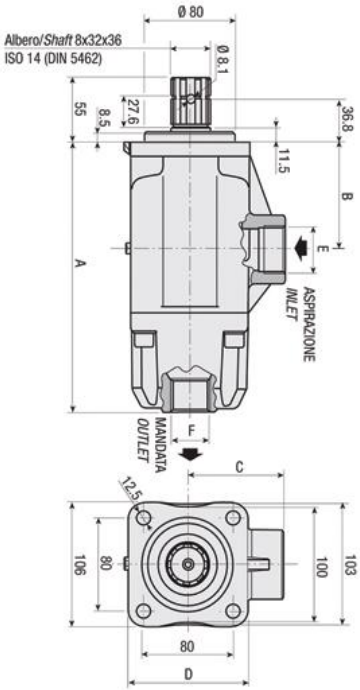
PE
DIN 5462 SE
PE 40
PE 50
PE 60

柱塞泵
Piston Pump



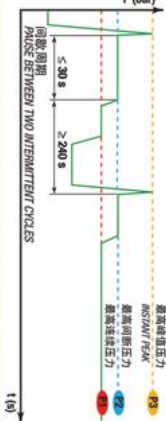
型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	E mm	F mm	重量 WEIGHT kg
PE 40	201PE040ZSE							10.6
PE 50	201PE050ZSE	232.5	945	85	106	1" 1/4 G	1" G	10.6
PE 60	201PE060ZSE							10.6



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES



吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (°F): Fluid temperature °C (°F):	-10° - 80° C

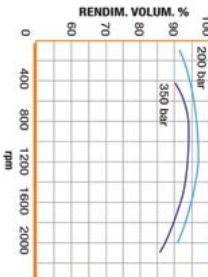
工作压力 Working Press. P2	杂质 - Contamination MAS 1638	ISO 4406	过滤器 - Filter βx = 75
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

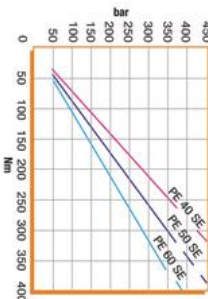
排量 Displacement	最高连续压力 Max continuous operating pressure	最高回断压力 Max intermittent, operat. press.	最高峰值压力 Max peak pressure	回断压力下的最高转速 Max intermittent speed	连续压力下的最高转速 Max continuous speed	回断压力下的最低速度 Min intermittent speed	型号 - TYPE	排量 Vg cm ³ /n cm ³ /rev.	最高连续压力 P1 bar	最高回断压力 P2 bar	最高峰值压力 P3 bar	回断压力下的最高转速 n1 r.p.m.	连续压力下的最高转速 n2 r.p.m.	回断压力下的最低速度 n4
PE40	37	330	360	2400	1800	400	PE40	37	330	360	2400	1800	400	
PE50	50	330	360	500	1800	400	PE50	50	330	360	500	1800	400	
PE60	60	290	340	400	2100	300	PE60	60	290	340	2100	1700	300	

图表 - DIAGRAMS

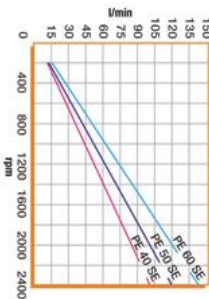
容积效率 - VOLUMETRIC EFFICIENCY



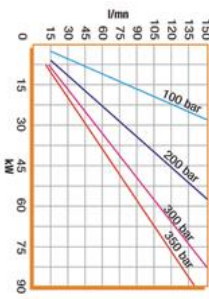
驱动扭矩 - DRIVE TORQUE



转速 - 流量曲线 - CAPACITY



功率输入曲线 - POWER INPUT



所用液压油为
ISO VG 46 A 50° C (N= 30 cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C (N=30 cSt)

双向旋转
BI-ROTATIONAL

编号代码 - ORDERING CODE

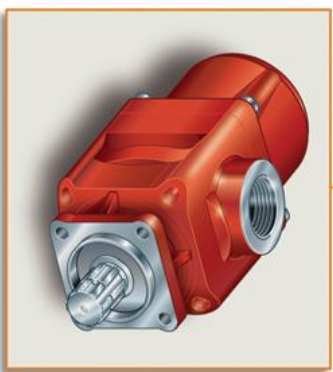
201 PEC 70 W SE

DIN 5462
改型号/VERSION
排量/DISPLACEMENT

柱塞泵/PISTON PUMP

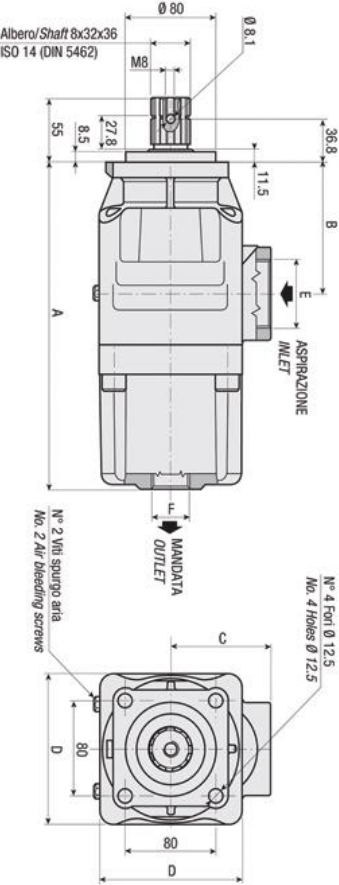
PE
DIN 5462
SE
PE 70
PE 80
PE 90
PE 100

柱塞泵
Piston Pump



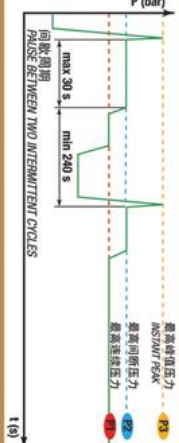
型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	E 英寸 INLET	F 英寸 OUTLET	重量 WEIGHT kg
PE 70	201PEC70WSE							21.2
PE 80	201PEC80WSE							21.2
PE 90	201PEC90WSE	263	111	88	125	2" G	1" G	21.0
PE 100	201PEC98WSE							20.8



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES



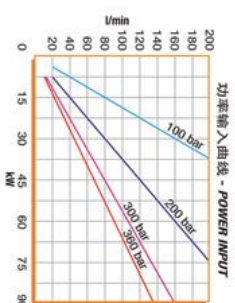
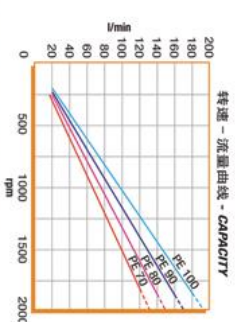
吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (°F): Fluid temperature °C (°F):	-10° - 80° C

工作压力 Working Press. P2	杂质 - Contamination NAS 1638	ISO 4406	过滤器 - Filter βx = 75
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

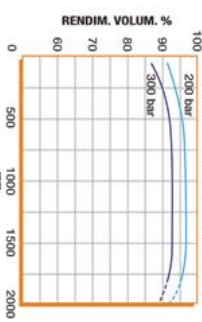
推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

型号 - TYPE	排量 Displacement Vg	最高连续压力 Max continuous operating pressure P1	最高间断压力 Max intermittent operat. press. P2	最高峰值压力 Max peak pressure P3	间断压力下的最高转速 Max intermittent speed (P ≤ 20 bar)	连续压力下的最高转速 Max continuous speed (P1)	间断压力下的最低速度 Min intermittent speed (P2 x 0.5) (最大 30 s)
PE70	68.1 cm ³ /h cm ³ /rev.	330	380	450	n3	n1	n4
PE80	77.9	300	350	450	n3	n1	n4
PE90	87.6	300	350	450	n3	n1	n4
PE100	97.3	290	340	450	n3	n1	n4

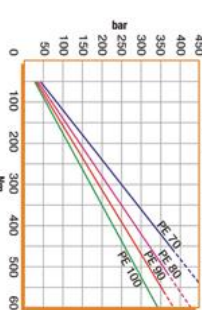
图表 - DIAGRAMS



容积效率 - VOLUMETRIC EFFICIENCY



驱动扭矩 - DRIVE TORQUE



所用液压油为
ISO VG 46 A 50° C (V = 30 cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C (V = 30 cSt)

双向旋转
BI-ROTATIONAL

编号代码 - ORDERING CODE

201 PE 2 40 0 00

21 UNI 222
改型号/VERSION
排量/DISPLACEMENT
两个出油口/DOUBLE OULET
型号/TYPE

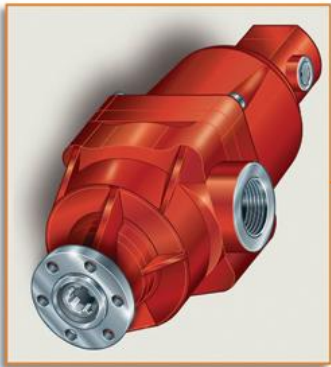
柱塞泵/PISTON PUMP

PE

UNI
21-222

PE 40 + 40
PE 50 + 50

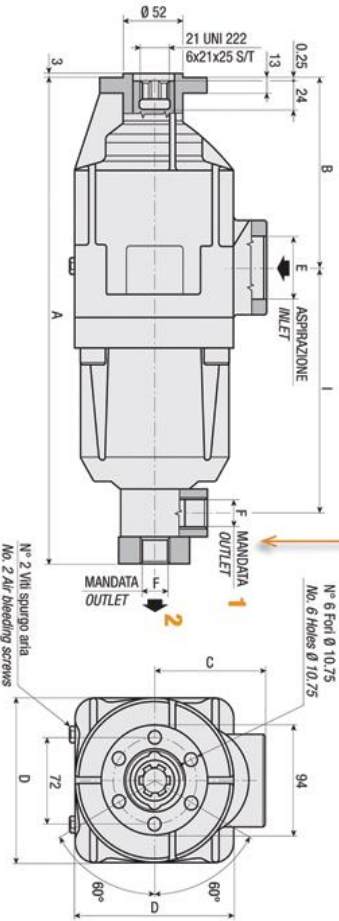
柱塞泵
Piston Pump



型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

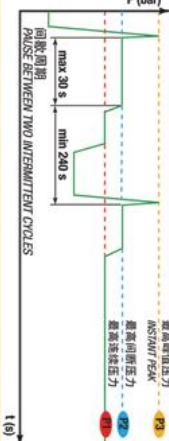
型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	I mm	E 吸油口 INLET	F 出油口 OUTLET	重量 WEIGHT Kg
PE 40 + 40	201PE240000	366	144	98	140	180	2" G	3/4" G	26.4
PE 50 + 50	201PE250000								25.9

注：
吸油口1可调整（通过松开出油口2进行调整）
NOTE:
Outlet 1 adjustable (by loosening outlet 2 connector).



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES



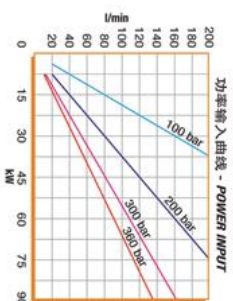
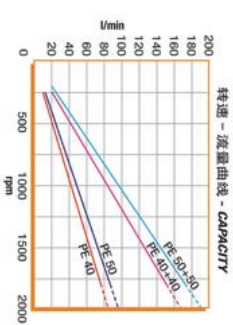
工作压力 Working Press. P2	杂质 - Contamination MAS 1638	过滤器 - Filter ISO 4406 ($\beta_x = 75$)
≤ 200 bar	12	21/18
≥ 200 bar	11	20/17
		40 μ m

吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (°F): Fluid temperature °C (°F):	-10° - 80° C

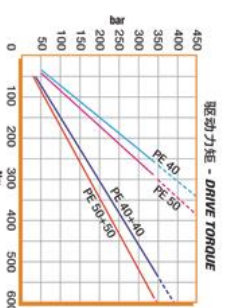
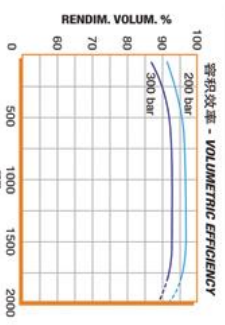
推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

排量 Displacement	最高连续压力 Max continuous operating pressure	最高间断压力 Max intermittent operat. press.	最高峰值压力 Max peak pressure	间断压力下的最高转速 Max intermittent speed	连续压力下的最高转速 Max continuous speed	间断压力下的最低速度 Min intermittent speed
Vg	P1	P2	P3	n3	n1	n4
cm ³ /h cm ³ /rev	bar	bar	bar	n/min r.p.m.	n/min r.p.m.	n/min r.p.m.
PE 40 + 40	2x37.8	300	350	2000	1500	400
PE 50 + 50	2x47.2	270	270	2000	1500	300

图表 - DIAGRAMS



所用液压油为
ISO VG 46 A 50° C (N=30 cSt)
THE ABOVE SPECIFICATIONS
REFER TO OIL TYPE ISO
VG 46 AT 50° C (N=30 cSt)



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双向柱塞泵
BI-ROTATIONAL

编号代码 - ORDERING CODE

201 PE 2 40 W SE

21 UNI 222

改型号/VERSION

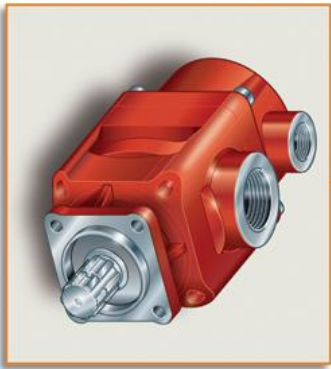
排量/DISPLACEMENT

两个出油口/DOUBLE OULET

柱塞泵/PISTON PUMP

PE
DIN 5462
SE
PE 40 + 40
PE 50 + 50

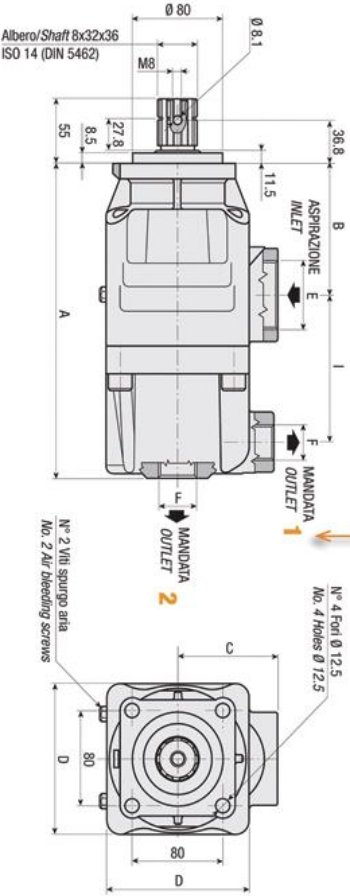
柱塞泵
Piston Pump



型号和技术参数 - SPECIFICATIONS AND TECHNICAL DATA

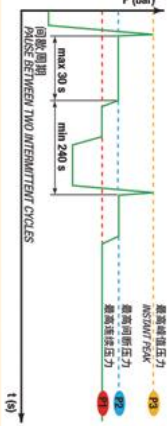
型号 TYPE	编号 CODE	A mm	B mm	C mm	D mm	I mm	E 吸油口 INLET	F 出油口 OUTLET	重量 WEIGHT kg
PE 40 + 40 SE	201PE240WSE	263	111	88	125	124	2" G	1" G	21.5
PE 50 + 50 SE	201PE250WSE								21.3

注: 根据要求吸油口 1 可以实现 90°, 或 180° 的转向。
NOTE: on request outlet 1 can be placed ±90° or 180° with reference to the inlet.



技术参数 - TECHNICAL DATA

压力脉动曲线 - EXAMPLE OF WORKING CYCLES



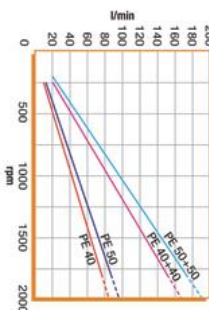
工作压力 Working Press. P2	杂质 - Contamination MAS 1638	ISO 4406	过滤器 - Filter ($\beta_x = 75$)
≤ 200 bar	12	21/18	40 μ m
≥ 200 bar	11	20/17	25 μ m

吸油口压力: Inlet pressure:	0.7 - 1.5 bar (绝对/absolute)
液压油粘度范围: Operating viscosity range:	12 - 100 cSt
液压油温度 °C (°F): Fluid temperature °C (°F):	-10° - 80° C

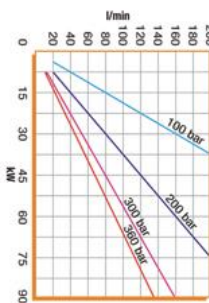
推荐的过滤标准 (吸油口或出油口)
RECOMMENDED FILTERING (return or outlet)

排量 Displacement	Vg cm ³ /h cm ³ /rev	PE 40 + 40	PE 50 + 50
最高连续压力 Max continuous operating pressure	P1	300	290
最高间断压力 Max intermittent operat. press.	P2	350	340
最高峰值压力 Max peak pressure	P3	450	450
回断压力下的最高转速 Max intermittent speed ($P \leq 20$ bar)	n3	2000	2000
连续压力下的最高转速 Max continuous speed ($\leq P1$)	n1	1500	1500
回断压力下的最低速度 Min intermittent speed ($\leq P2 \times 0.5$) (最大 30 s)	n4	400	300

转速 - 流量曲线 - CAPACITY

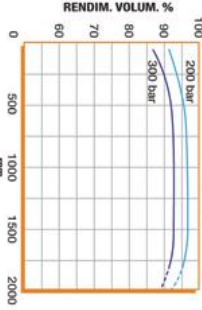


功率输入曲线 - POWER INPUT

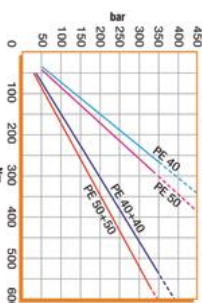


图表 - DIAGRAMS

容积效率 - VOLUMETRIC EFFICIENCY



驱动扭矩 - DRIVE TORQUE



所用液压油为
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)

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