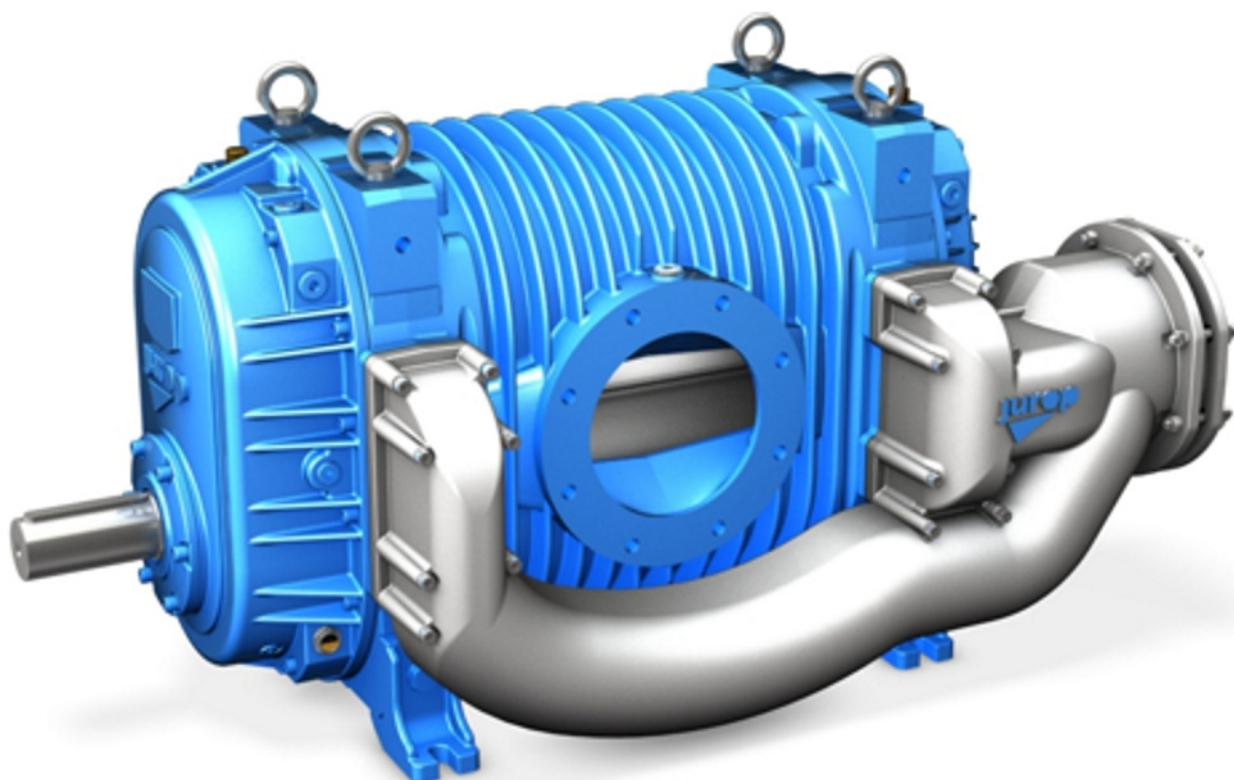
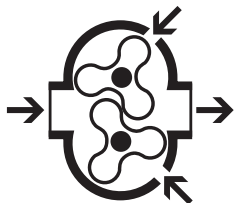


IT

EN

PVT 200-400-700-1000



POMPE / PUMPS

Pompa a lobi per alto vuoto

*Injection cooled high
vacuum lobe pump*

Jurop

COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =

CARATTERISTICHE - CHARACTERISTICS

Pompa per vuoto volumetrica con rotori trilobati con sistema di raffreddamento ad iniezione laterale.

Positive displacement vacuum pump with tri-lobe rotors and lateral injection cooling system.

Alto vuoto, livello di rumore ridotto, efficiente raffreddamento di tutti gli organi in movimento.

High vacuum, low noise level, efficient cooling of all the moving parts.

Funzionamento senza olio e senza usura.

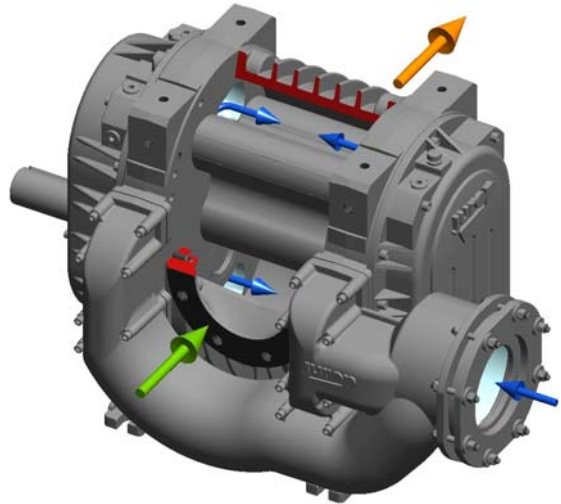
Operating without oil and without wear.

Guarnizioni di lunga durata per alte temperature.

Long life high temperature seals.

A richiesta: trasmissione predisposta per motore idraulico.

Upon request: drive elements for hydraulic motor.



PRESTAZIONI – PERFORMANCES

Modello Model	Velocità [min ⁻¹] Speed [r.p.m.]	Vuoto - Vacuum [%]									Pressione - Pressure [bar abs]			
		0		30		60		Max		%	1.5		2.0	
		Q m ³ /h	N kW	Q m ³ /h	N kW	Q m ³ /h	N kW	Q m ³ /h	N kW		Q m ³ /h	N kW	Q m ³ /h	N kW
PVT200	4200 (1400)	1280	5	1220	15	980	25	93	0	35	1120	25	1040	43
	4000 (1333)*	1235	4.5	1180	14	925	24	92	0	33	1065	24	990	40
	3800 (1266)	1185	4	1140	13	870	23	91	0	32	1010	22	940	38
	3400 (1133)	1090	3	1010	11	710	20	90	0	28	900	19	800	33
	3000 (1000)	1000	2	930	9	630	17	88	0	24	780	16	670	29
PVT400	3300	2470	8	2280	29	2010	50	93	0	71	2200	45	2050	81
	2900*	2160	6	2000	24	1730	43	91	0	62	1950	38	1770	71
	2500	1800	4	1690	20	1430	36	89	0	53	1650	31	1480	58
	2100	1590	3	1360	16	1110	30	87	0	42	1390	24	1210	48
PVT700	2500	4150	22	3800	52	3000	82	93	0	112	4000	80	3750	138
	2400*	3980	21	3580	49	2850	78	92	0	107	3830	76	3600	131
	2200	3650	19	3150	43	2550	70	91	0	98	3500	69	3300	118
	1900	3200	12	2800	32	2150	57	90	0	80	3000	55	2700	98
	1600	2700	7	2250	27	1650	47	89	0	66	2500	41	2150	81
PVT1000	2500	6400	42	5900	83	4900	127	93	0	175	5720	115	5350	188
	2400*	6100	37	5650	80	4700	124	92	0	171	5520	110	5250	180
	2200	5750	22	5150	68	4200	112	91	0	165	4920	101	4500	165
	1900	4800	19	4350	56	3600	94	90	0	134	4200	83	3870	142
	1600	4000	12	3600	43	2800	78	89	0	111	3570	68	3300	120

() Con moltiplicatore di giri – With gear box

*: Velocità consigliata – Suggested speed

PRESSIONE SONORA – SOUND PRESSURE

Modello -Model	[dBA]	PVT 200	PVT 400	PVT 700	PVT 1000
Pressione sonora della sola pompa (senza trasmissione, gr. aspirazione, silenziatori a vuoto max, rpm max a 7m in campo libero). <i>Sound pressure of the pump only (without drive transmission, suction group, mufflers at max vacuum rate, max rpm at 7m in free field).</i>		72	73	78	80
Pressione sonora media di fronte alla pompa su veicolo con presa di forza su trasmissione a 7m in campo libero. Rilievo in analogia alla norma ISO EN 3744. <i>Average sound pressure in front of the pump on a vehicle equipped with P.T.O. on cardan shaft. (at 7m in free field). Measures according to ISO EN 3744.</i>		78	79	79	81

CONDIZIONI DI RIFERIMENTO – CONDITIONS OF REFERENCE:

Gas convogliato - Conveyed gas: aria - air

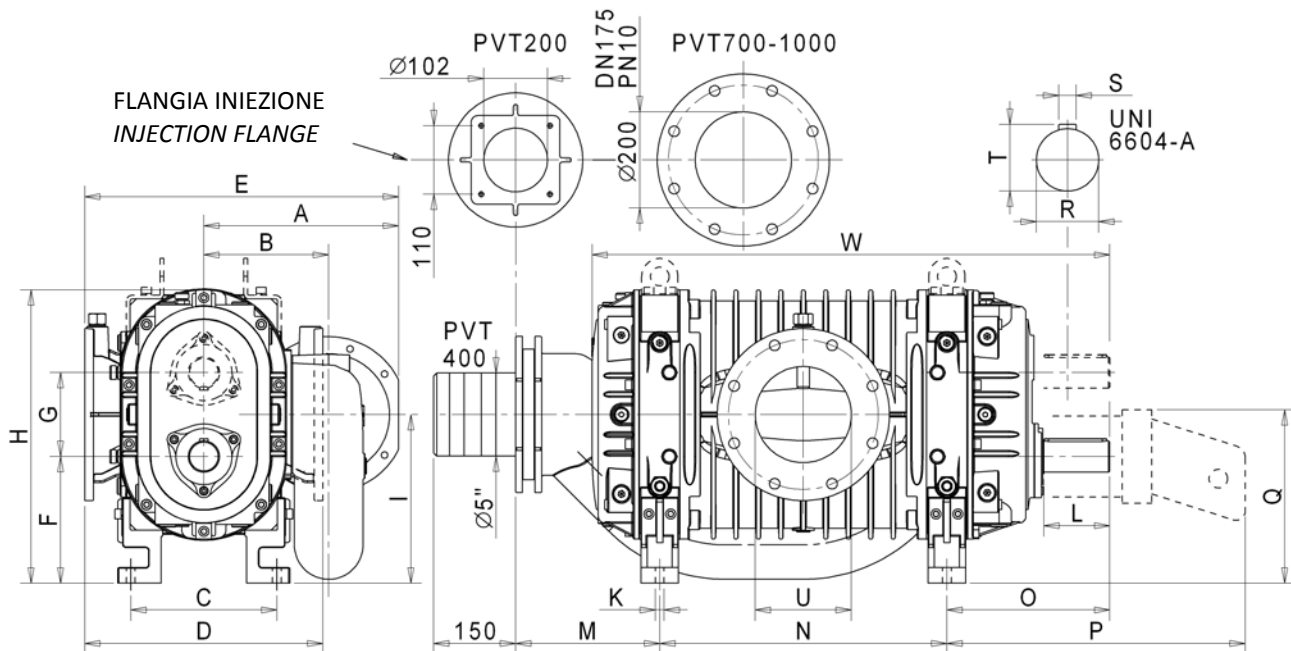
Pressione assoluta di riferimento - Absolute reference pressure: 1013mbar (14.7psi)

Temperatura di riferimento - Ambient reference temperature: 20°C

Funzionamento in vuoto - Vacuum condition: scarico in atmosfera – atmospheric discharge

Funzionamento in pressione - Pressure condition: aspirazione libera - free suction

DIMENSIONI E CONFIGURAZIONI – DIMENSIONS AND ARRANGEMENT

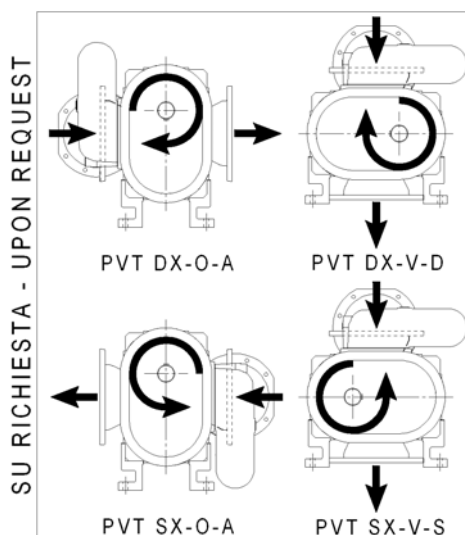
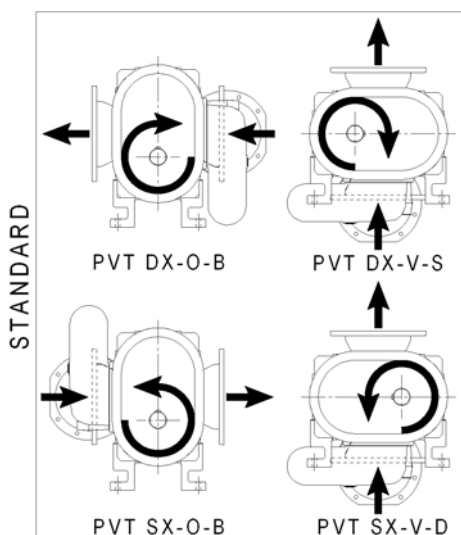


	A	B	C	D	E	F	G	H	I	K	L	M	N
PVT200	276	168	176	270	458	155	104	373	207	M14	69	266	328
PVT200M **	276	168	176	270	482	119	104	373	207	M14	74	266	328
PVT400	312	200	236	392	508	203	135	470	270	M14	106	231	460
PVT700	386	239	532	438	623	234	210	658	339	M20	150	344	422
PVT1000	386	239	532	462	623	234	210	658	339	M20	150	344	630

	O	P*	Q*	R	S	T	U	W	Peso Weight
PVT200	154	428	215	38 g6 -0.009 -0.025	10	41	110 DN100 PN10 UNI 2276-67	616	160 kg
PVT200M **	269	-	-	45 g6 -0.009 -0.025	14	48.5	110 DN100 PN10 UNI 2276-67	746	210 kg
PVT400	261	536	315	50 g6 -0.009 -0.025	14	53.5	155 DN150 PN10 UNI 2277-67	829	240 kg
PVT700	385	828	364	70 g6 -0.010 -0.029	20	74.5	200 DN175 PN10 UNI 2277-67	955	610 kg
PVT1000	385	828	364	70 g6 -0.010 -0.029	20	74.5	220 DN200 PN10 UNI 2277-67	1163	780 kg

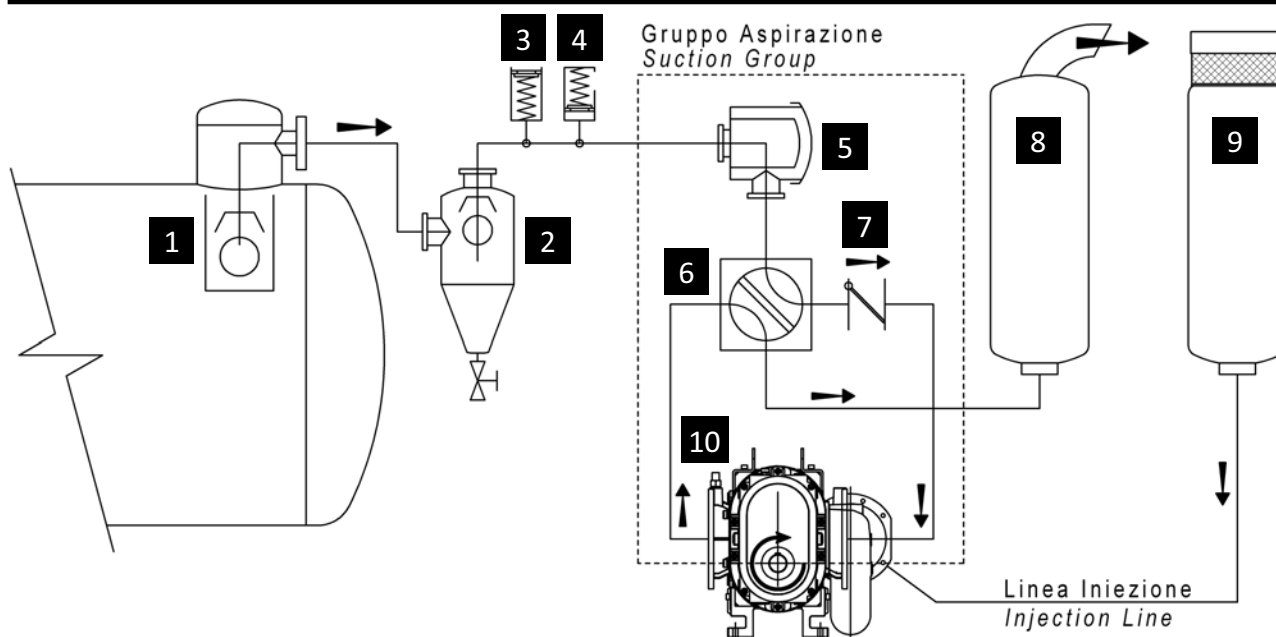
* Trasmissione idraulica - Hydraulic drive

** Con moltiplicatore di giri – With gear box



SX= Rotazione sinistra
Counterclockwise
DX= Rotazione destra
Clockwise
O= Bocche orizzontali
Horizontal ports
V= Bocche verticali
Vertical ports
D= Albero a destra
Shaft on the right h.
S= Albero a sinistra
Shaft on the left h.
A= Albero in alto
Shaft on the top
B= Albero in basso
Shaft on the bottom

INSTALLAZIONE ED ACCESSORI – INSTALLATION AND ACCESSORIES



Componenti linea vuoto - Vacuum line components

1 Valvola troppo pieno – Primary shutoff

2 Depuratore – Secondary shutoff

3 Valvola rompivuoto – Vacuum relief valve

4 Valvola massima pressione – Overpressure valve

5 Filtro aspirazione (Standard o ADR/ATEX)
Suction filter (Standard or ADR/ATEX)

6 Valvola 4 vie – 4 way valve

7 Valvola di non ritorno – Non return valve

8 Silenziatore scarico – Exhaust muffler

9 Silenziatore iniezione standard – Standard Injection muffler

10 Termostato di sicurezza (di serie)
Safety thermostat (standard)

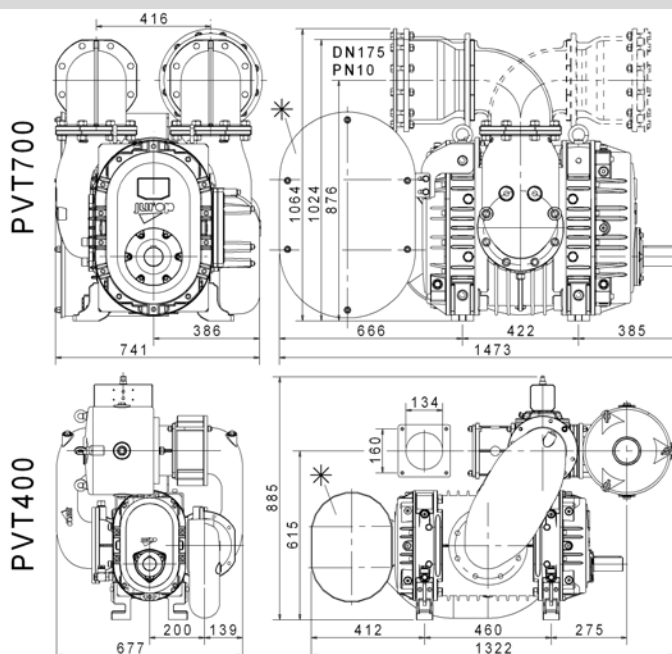
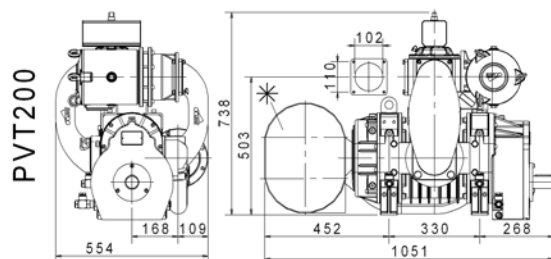
Gruppi accessori – Groups of accessories

• Gruppo aspirazione pneumatico*
Pneumatic suction group

• Sensori di livello olio
Safety oil level switches

• Silenziatore iniezione compatto*
Compact injection muffler*

* In alternativa al silenziatore di iniezione standard
As an alternative to the standard injection muffler



Jurop fornisce su richiesta tutti i componenti necessari.

All components are available upon request.

Jurop SpA si riserva di apportare senza preavviso eventuali modifiche ai prodotti descritti.

Jurop SpA reserves the right to modify the above described products without notice.