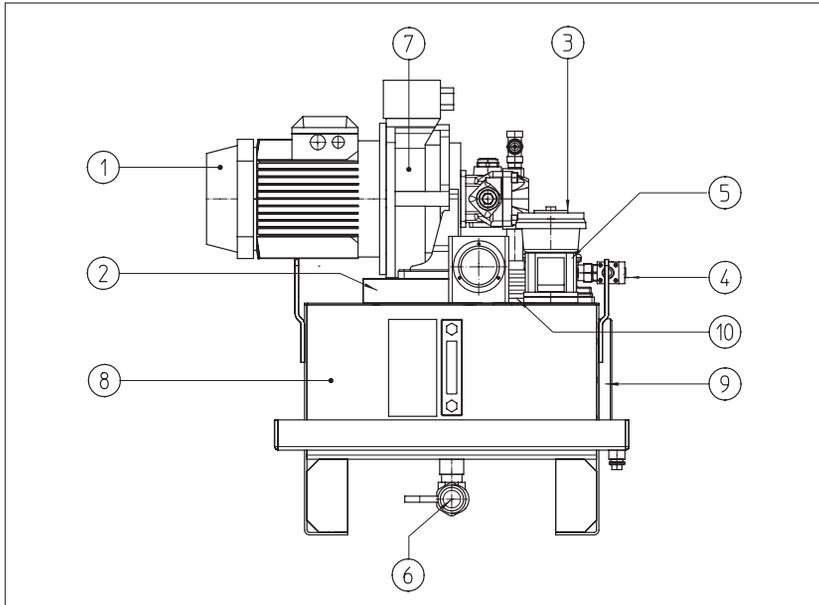


Standard automotive power packs type ASVR

horizontal motor, external pump, 25 and 50 liters reservoir capacity



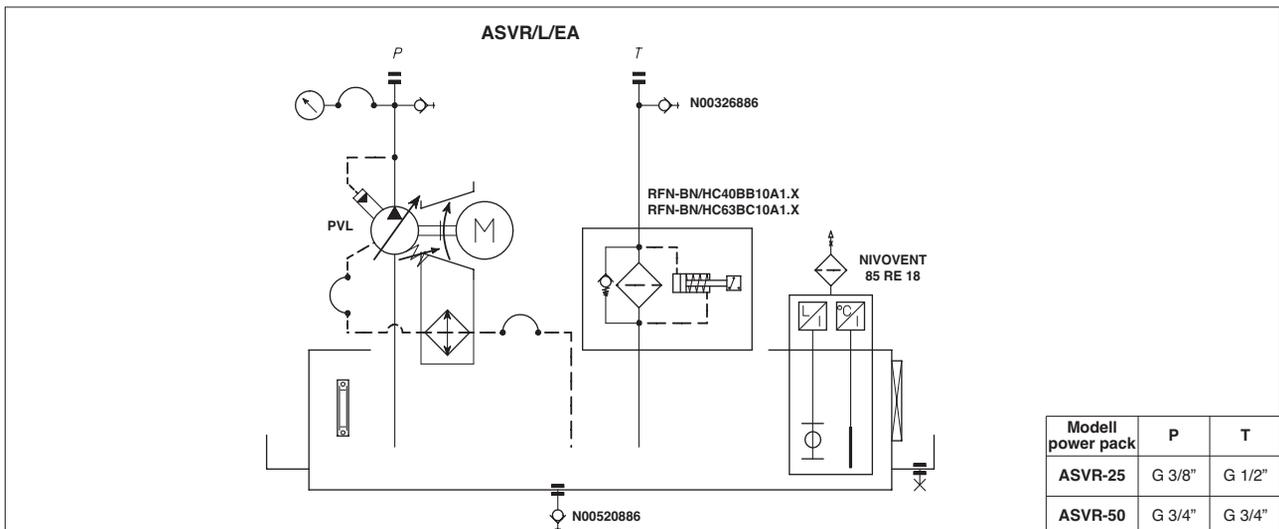
ASVR hydraulic power packs are compact units, conforms to the machinery directive 2006/42/CE, conceived for easy maintenance, ASVR basic version includes:

- ① horizontal motor pump unit, mounted on anti-vibration supports ② to reduce the noise level;
- ③ Integrated temperature control system/electric oil level air bleed with DIN 24557/T2 attachment;
- ④ return filter according to DIN 24550 with visual/electric clogging indicator according CNOMO norms;
- ⑤ filling and emptying ⑥ of the reservoir through quick couplings. The filling is realized with passage through the return filter;
- ⑦ silenced bell housing with air/oil heat exchanger to cool the drain
- ⑧ reservoir with oil collecting bottom lip and inspection cover ⑨;
- ⑩ elastic anti-leakage coupling on the pump's suction.

1 MODEL CODE

ASVR	-	25	/	L	-	210	-	2,2	-	S	/	EA	-	**	
Type of hydraulic											Drawing number				
Reservoir capacity 25 = 25 liters 50 = 50 liters											Options: /EA = air-oil heat exchanger				
Pump type L = variable displacement vane pump type PVL G = pumps available on request											Eventual suffix S = without electric motor				
Pump displacement, see section 4 for available combinations: for PVL 206 = 6,9 cm ³ /rev 210 = 11 cm ³ /rev 316 = 18 cm ³ /rev 320 = 20 cm ³ /rev											Of electric motor power, see section 4 1,1 = 1,1 kW 1,5 = 1,5 kW 2,2 = 2,2 kW 3 = 3 kW 4 = 4 kW Voltage supply, see section 4.				

2 HYDRAULIC SCHEMES



3 MAIN CHARACTERISTICS

Installation	Horizontal: electric motor with horizontal axis
Ports	ASVR-25: port P = G 3/8" - port T = G 1/2" ASVR-50: P and T ports = G 3/4"
Fluid	Hydraulic oil according to DIN 51524...535; for other fluids contact our technical office
Recommended viscosity	15 ÷ 100 mm ² /s at 40°C (ISO VG 15 ÷ 100)
Classe di contaminazione del fluido	ISO 19/16 achieved with in line filters at 25 µm value and β _{0.5} ≥ 75 (recommended)
Fluid temperature	-20°C +60°C (standard and /WG seals) -20°C +80°C (/PE seals)
Ambient temperature	from -20° C a + 70° C

4 HYDRAULIC CHARACTERISTICS

Model	Pump	Flow rate at 1450 rpm and 7 bar [l/min]	Max pressure [bar] with motor power of:					Reservoir capacity [liters]
			1,1 kW size UNEL 90 (1)	1,5 kW size UNEL 90 (1)	2,2 kW size UNEL 100 (1)	3 kW size UNEL 100 (1)	4 kW size UNEL 112 (1)	
Motor mass	-	-	13,5 Kg	14 Kg	23 Kg	23 Kg	30 Kg	-
ASVR-25/L210	PVL-210	15,4	-	-	75	100	-	25
ASVR-50/L206	PVL-206	9,6	60	90	125	150	-	50
ASVR-50/L210	PVL-210	15,4	-	-	75	100	140	
ASVR-50/L316	PVL-316	25,2	-	-	-	65	85	
ASVR-50/L320	PVL-320	31	-	-	-	-	70	

(1) The electric motor is three phases, 4 poles, V 230/400 - 50/60 Hz (other voltages available on request), closed and ventilated, construction shape B5

5 MAIN COMPONENTS

Model	UNEL size of electric motor	Coupling (HYDAC)	Bell housing (HYDAC)	Suction filter (HYDAC)	Quick coupling for filling (STAUBLI)	Quick coupling for emptying (STAUBLI)	Temperature transmitter/ electric oil level/ air bleeding (BUHLER)	Air-oil heat exchanger (HYDAC)
ASVR-25/L2*	90	19/24-24/20	PTK-200/2.0	RFN-BN/HC40BB10A1.X	N00326886	N00520886	NIVOENT 85 RE 18	INTEGRATED THE BELL HOUSING
ASVR-25/L2*	100	24/28-28/20	PTK-250/2.0					
ASVR-50/L2*	90	19/24-24/20	PTK-200/2.0	RFN-BN/HC63BC10A1.X				
ASVR-50/L2*	100	24/28-28/20	PTK-250/2.0					
ASVR-50/L2*	112	24/28-28/20	PTK-250/2.0					
ASVR-50/L3*	100	24/28-28/25	PTK-250/2.0					
ASVR-50/L3*	112	24/28-28/25	PTK-250/2.0					

6 DIMENSIONS [mm]

ASVR/L/EA											
Model	P	T	A	B	C	D (max) (1)	E	F	G	H buttonholes	Mass (2) [kg]
ASVR-25/L/EA	G 3/8"	G 1/2"	460	590	380	750	400	270	700	21x11	30
ASVR-50/L/EA	G 3/4"	G 3/4"	460	710	480	890	520	270	790	21x11	50

(1) Dimensions refer to the assembly with the biggest standard electric motor (see section 4)

(2) Weight refers to the unit without electric motor and without oil.