

RSA Oil pumps



Reliability with high efficiency
Special gear set
– Self sealing

Wide capacity range
Five types from
61 l/h to 265 l/h

Slide ring shaft seal
High grade of enclosure
– Long operating life

Hydraulic regulation
With cut-off function

RSA oil pumps can be used for both small and medium-sized central heating systems and industrial burners.

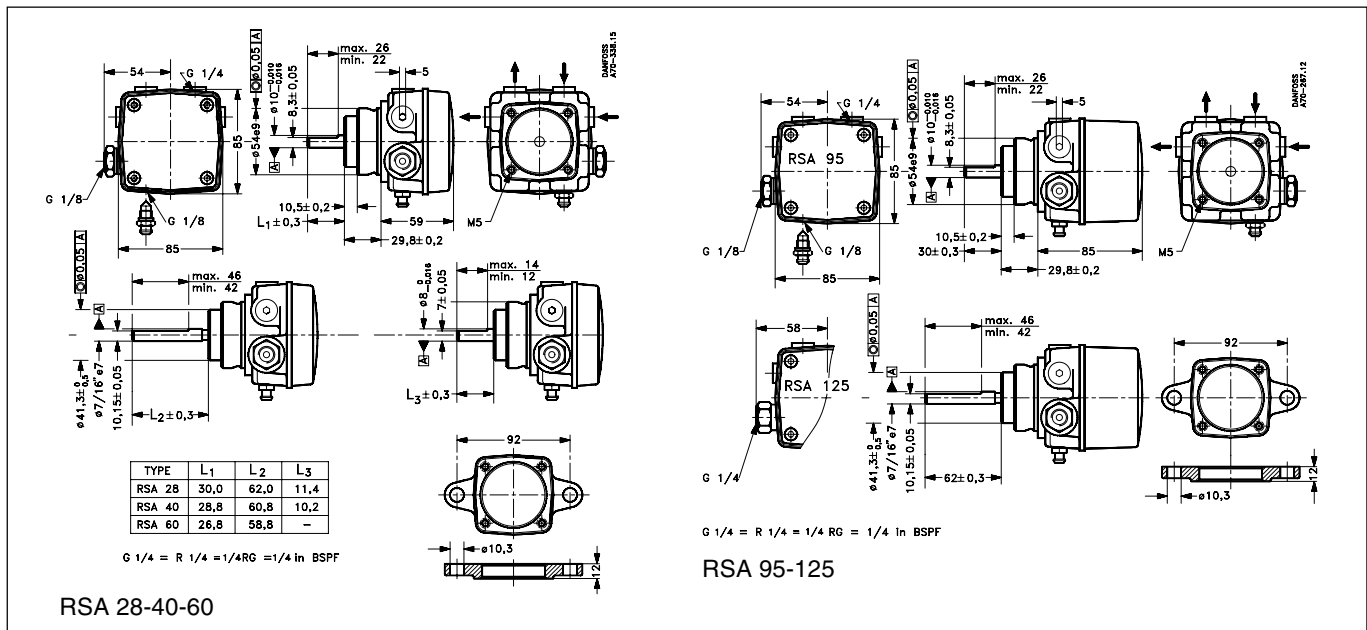
RSA 95 and 125 have a double-bearing shaft and a hydraulically balanced gearwheel set.

Technical data

Type	RSA 28	RSA 40	RSA 60	RSA 95	RSA125
Viscosity mm ² /s	1.3-18				
Gearwheel capacity *) l/h	66	94	146	225	294
Output *) l/h	61	87	140	195	265
Power consumption W	48	53	73	106	119
Max. starting torque Nm	0.20	0.22	0.24	0.30	0.35
Pressure range kPa (× 10 ⁻² bar)	550-1200				
at 1.3-1.8 mm ² /s	550-2100				
at 1.8-18 mm ² /s	550-1500				
Speed min ⁻¹	2400-3600	1400-3600			
Alternative pressure range kPa (×10 ⁻² bar)	100-500				
Weight kg	1.9	1.9	1.9	2.3	2.3
Temperature of medium °C	-10 to +70				

*) Average values specified from the following data:
 RSA 28-40-60: 700 kPa, 4.3 mm²/s and 2800 min⁻¹
 RSA 95-125: 1000 kPa, 4.3 mm²/s and 2800 min⁻¹

Dimensions



By alternately filling and emptying the gearwheel set from both sides, the same high degree of efficiency is achieved with these two larger pumps as with the smaller types with the filling from one side. They are fitted with a larger filter and cover.

Code numbers

Type	Shaft	1-pipe		2-pipe	
		Clock-wise	Counter-clockwise	Clock-wise	Counter-clockwise
RSA 28	8 mm	-	-	070-5332	070L5332
	10 mm	070-5370	070L5370	070-5372	070L5372
	7/16"	070-5380	070L5380	070-5382	070L5382
RSA 40	8 mm	-	-	070-3249	070L3249
	10 mm	070-3230	070L3230	070-3232	070L3232
	7/16"	070-3240	070L3240	070-3242	070L3242
RSA 60	10 mm	070-3350	070L3350	070-3352	070L3352
	7/16"	070-3360	070L3360	070-3362	070L3362
RSA 95	10 mm	070-3470	070L3470	070-3472	070L3472
	7/16"	070-3480	070L3480	070-3482	070L3482
RSA 125	10 mm	070-3400	070L3400	070-3402	070L3402
	7/16"	070-3410	070L3410	070-3412	070L3412

Accessories

A special pressure regulating spring is available for RSA pumps. The spring changes the pressure range to 100-500 kPa. The same pump can then be used as a transport or a feed pump.

One special spring is supplied in an accessory bag also containing an adhesive label giving the new pressure range.

This spring replaces the original two compression springs in the pump, as shown on the accessory bag. The code number of the accessory bag and contents is **070-0030**.

Flange

Flange incl. four fitting screws.
 Code number: **070-0211**.

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