

# Recuperator.cards



## Rotary heat exchangers. Drive equipment

### Constant velocity drive equipment

model	from 06 to 09	10 - 11	12	from 13 to 17	from 18 to 25	from 26 up
<b>drive unit</b>	<b>SPG-40</b>	<b>SPG-404</b>	<b>AP564</b>	<b>AP634</b>	<b>AP714</b>	<b>AP80B</b>
<b>induction motor</b>	<b>S9I40GSH-TCE</b>	<b>S9I40GSH-TCE</b>				
<b>input voltage V</b>	3 x 380	3 x 380	230/400	230/400	230/400	230/400
<b>input frequency Hz</b>	50/60	50/60	50/60	50/60	50/60	50/60
<b>motorpower kW</b>	0.04	0.04	0.09	0.18	0.37	0.75
<b>rated current (400V) A</b>	0.21	0.21	0.70/0.40	0.99/0.57	1.82/1.05	3.3/1.90
<b>gear head</b>	S9KB18BH	S9KB12.5BH	WM 26	CM 30		
<b>ratio</b>	18 : 1	12.5 : 1	07:01	07:01	07:01	07:01
<b>worm gear</b>	Cog gear	Cog gear	VSF 030	VSF 030	VSF 045	VSF 050
<b>weight kg</b>	4	4	4.3	5.9	7.9	12.1

### Variable velocity drive equipment

model	06 - 09	10 - 11	12 - 15	16 - 23	da 24 up
<b>drive unit</b>	<b>SPG</b>	<b>SPG</b>	<b>4AP56t</b>	<b>4AP63t</b>	<b>4AP71t</b>
<b>induction motor</b>	<b>S9I40GTH-TCE (G68)</b>	<b>S9I40GTH-TCE (G68)</b>			
<b>input voltage V</b>	3 x 230	3 x 230	230/400	230/400	230/400
<b>input frequency Hz</b>	50/60	50/60	50/60	50/60	50/60
<b>motorpower kW</b>	0.04	0.04	0.09	0.18	0.37
<b>rated current (400V) A</b>	0.39	0.39	0.70/0.40	0.99/0.57	1.82/1.05
<b>gear head</b>	S9KB18BH	S9KB12.5BH	WM 26	CM 30	
<b>ratio</b>	18 : 1	12.5 : 1	07:01	07:01	07:01
<b>worm gear</b>	Cog gear	Cog gear	VSF 030	VSF 030	VSF 045
<b>weight kg</b>	4	4	4.3	5.9	7.9
<b>speed controller</b>	micromax90	micromax90	micromax90	micromax180	micromax370 minimax370

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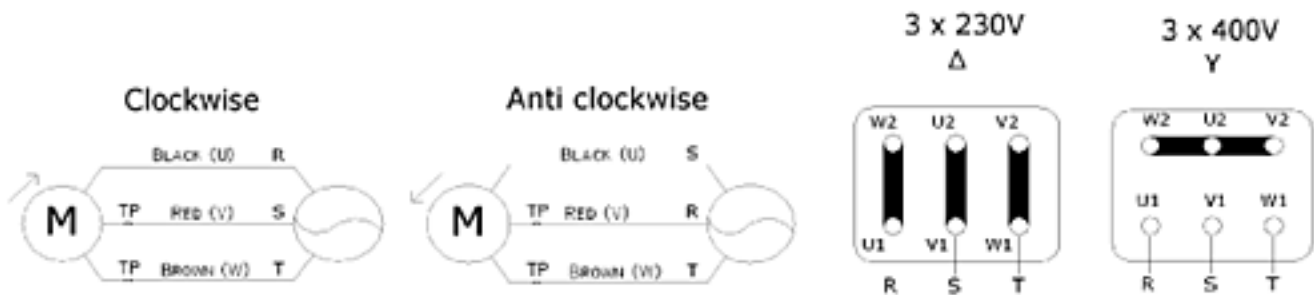
## Rotary heat exchangers. Drive equipment

### Schematic diagrams

The motors are connected to 3-phase AC in accordance with the following specification and outline.

#### SPG motors - AP motors

The direction of motor rotation is as viewed from the front shaft end of the motor change the direction of motor rotation only after the motor stops completely.  
If an attempt is made to change the direction of rotation while the motor is running, the motor may ignore the reversing command or change its direction of rotation after some delay.



### Maintenance

No maintenance required - self lubricated gearbox.