

Rotary heat exchangers Drive equipment

Constant velocity drive equipment

input voltage has to be 3 x 400 V

Recuperator model	06	07	From 08 to 09	From 10 to 11	12	From 13 to 14	From 15 to 17	From 18 to 24
Motor	MR025-400-3B14-4T	MR040-400-3B14-4T	MR040-400-3B14-4T	MR040-400-3B14-4T	MR090-230/400-3B14-4T	MR180-230/400-3B14-4T	MR180-230/400-3B14-4T	MR370-230/400-3B14-4T
Motor power W	25	40	40	40	90	180	180	370
Input tension V	3x400	3x400	3x400	3x400	3x230/400	3x230/400	3x230/400	3x230/400
Input frequency Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Gearbox	RID-ROT-18/1-25W	RID-ROT-18/1-40W	RID-ROT-12.5/1-40W	RID-ROT-09/1-40W	RID-ROT-10/1-90W	RID-ROT-7/1-180W	RID-ROT-7/1-180W	RID-ROT-07/1-370W
Gear ratio	18:1	18:1	12.5:1	9:1	10:1	10:1	7:1	7:1

Variable speed drive equipment

input voltage has to be 3 x 230 V

Recuperator model	06	07	From 08 to 09	From 10 to 11	From 12 to 15	From 16 to 23	24
Motor	MR025-230-3B14-4T	MR040-230-3B14-4T	MR040-230-3B14-4T	MR040-230-3B14-4T	MR090-230/400-3B14-4T	MR180-230/400-3B14-4T	MR370-230/400-3B14-4T
Motor power W	25	40	40	40	90	180	370
Input tension V	3x230	3x230	3x230	3x230	3x230/400	3x230/400	3x230/400
Input frequency Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Gearbox	RID-ROT-18/1-25W	RID-ROT-18/1-40W	RID-ROT-12.5/1-40W	RID-ROT-09/1-40W	RID-ROT-10/1-90W	RID-ROT-7/1-180W	RID-ROT-07/1-370W
Gear ratio	18:1	18:1	12.5:1	9:1	10:1	7:1	7:1
Speed controller	micromax 90W	micromax 90W	micromax 90W	micromax 90W	micromax 90W	micromax 180W	micromax 370W

Schematic diagrams

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

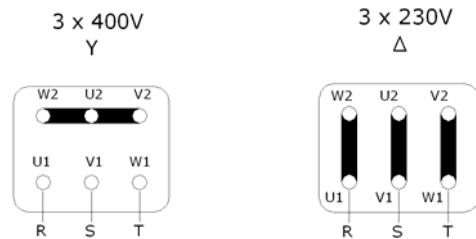
Motors

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.



Wye-Delta Connection

The 90/180/370W motors, can be set Y-Δ according to chosen drive equipment.



Maintenance

No maintenance required - self lubricated gearbox