Single-direction asynchronous geared motors

- Long life
- Quiet running
- Sintered bearings, lubricated for life
- Speeds from 20 to 100 rpm
- Usable powers from 3W to 9W
- IP00 degree of protection



Applications :

Office equipment
Medical equipment
Roasting and kebab spits
Automatic feeders
Automatic barriers
Mechanised advertising hoardings
Peristaltic pumps
Turntables
Light displays
Travelators

Types				
		82 644 0		82 664 0
Voltage and frequency				
		230 V - 50 Hz		
Direction of rotation				
		Clockwise	Anti-clockwise	Clockwise	Anti-clockwise
Output speeds (rpm)		**Ratios (i)**			
100		26	♦	♦
80		32,5	♦	♦
60		130/3	♦	♦
38,4		67,6	♦	♦
30,4		598/7	♦	♦
20		130	♦	♦

Made to order products, available on request

Motors :

*Other voltages and frequencies
*Lead length
*Oversized winding
*For vertical operation
*Cooling fan
*Coil supplied with thermal cut-out to suit duty factor 100°C, 120°C, 130°C
*Rear shaft extension

Gearboxes :

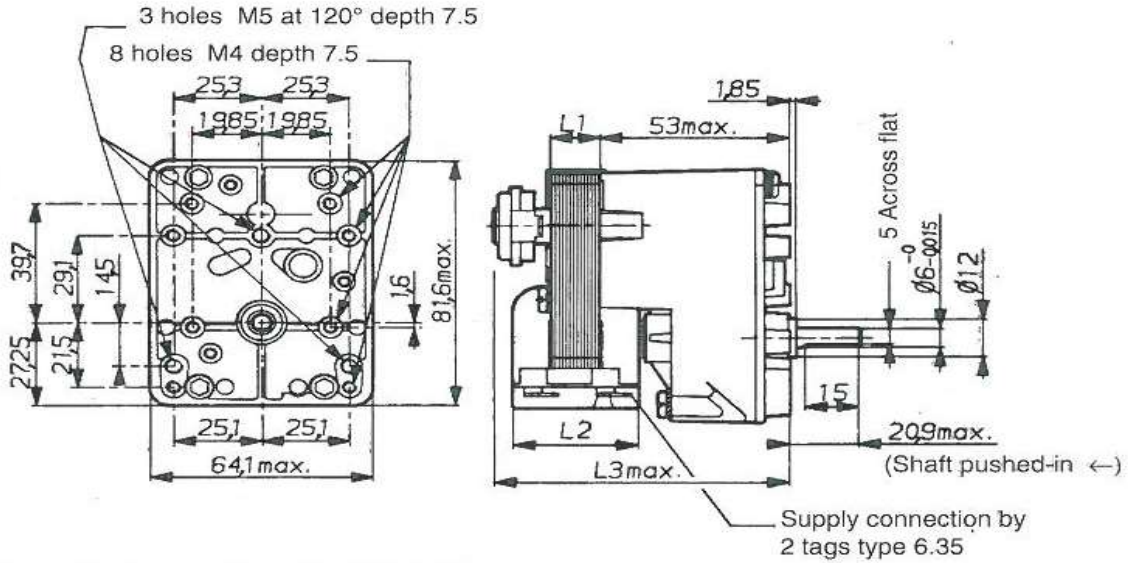
*Other output speeds
*Other output shafts
*Output shaft carried in needle roller bearings
*Special cover

General characteristics			
Motor		82 640 0	82 660 0
Gearbox		81 034 0	81 034 0
Maximum permitted continuous-rated gearbox output torque over 10 million revolutions	Nm	0,6	0,6
Single stage gearbox gears		plastic	plastic
Base speed of motor (with nominal load) 50 Hz	rpm	2600	2600
Axial load (dynamic)	da.N	3.5	3.5
Radial load (dynamic)	da.N	5	5
Absorbed power	W	28.4	32
Usable motor power	W	8.2	9.5
Cos (power factor)		0.57	0.57
Maximum temperature rise	(°C)	70	70
Ambient temperature rise		-5 +60	-5 +60
Weight (approximate)	g	1300	1600
Options : With catalogue products available to order			
Voltages / Frequencies			
24-115-240 V - 50 Hz		♦	♦
24-115 V - 60 Hz		♦	♦
Coil with flying leads (length 250mm)		♦	♦
Electro-mechanical brake		♦	♦

Encombrement

Dimensions

82 604 0 - 82 624 0 - 82 644 0 - 82 664 0



Type	L1(mm)	L2(mm)	L3(mm)
82 604 0	14	35	84
82 624 0	20	42.6	90
82 644 0	30	52.6	100
82 664 0	40	62.6	110

Torque /Speed curves

