Single-direction asynchronous geared motors

- Long life
- Quiet running
- Sintered bearings, lubricated for life
- Speeds from 4 to 16 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
Travelators
Light displays

Types				
			82 644 5	82 664 5
Voltage and frequency				
			230 V - 50 Hz	
Direction of rotation				
			Clockwise / Anti-clockwise	Clockwise / Anti-clockwise
Output speeds (rpm)		**Ratios (i)**		
16	Gear ratios	162,5	♦	♦
10		260	♦	♦
6		427,1	♦	♦
4		650	♦	♦

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

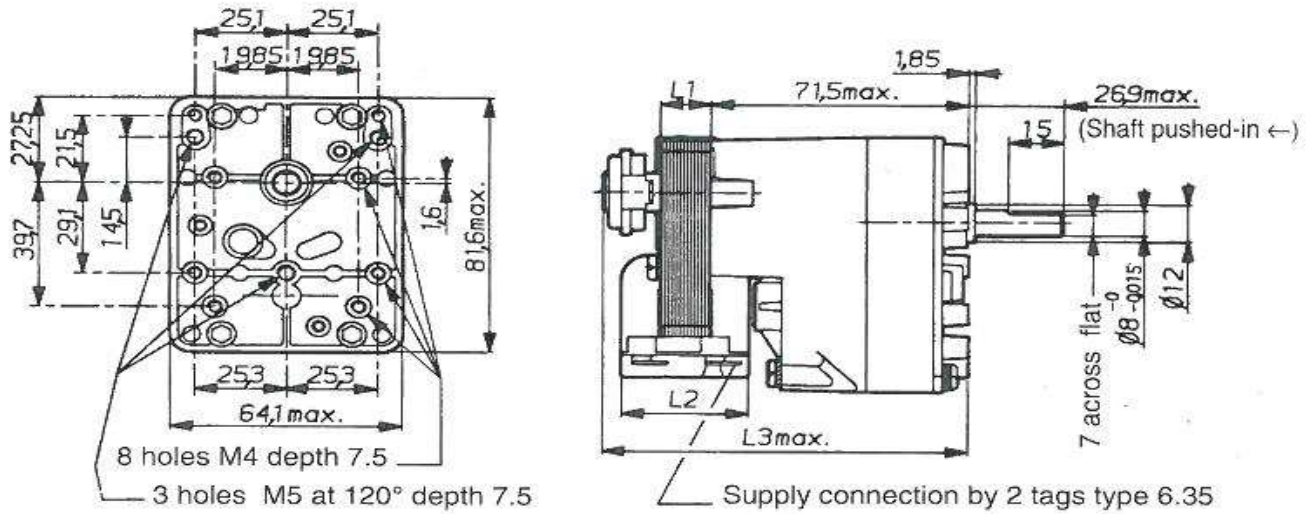
Gearboxes :

*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 5	81 034 5
Maximum permitted continuous-rated gearbox output torque over 10 million revolutions	Nm	3	3
Single stage gearbox gears		plastic	plastic
Base speed of motor (with nominal load) 50 Hz	rpm	2600	2600
Axial load (dynamic)	daN	3.5	3.5
Radial load (dynamic)	daN	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	1600	1900
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		♦	♦
For vertical operation : Thrust assembly X		♦	♦

Encombrement

82 604 5 - 82 624 5 - 82 644 5 - 82 664 5



Type	L1(mm)	L2(mm)	L3(mm)
82 604 5	14	35	102
82 624 5	20	42.6	108
82 644 5	30	52.6	118
82 664 5	40	62.6	128

Torque /Speed curves

