



LOW INDUSTRY VERSION : PLASTIC GEARBOX, PLASTIC FLANGES
MAXIMUM LOAD UNTIL 60 KG
2 TYPES OF MOTORIZATION : STANDARD AND COLD
SINGLE AND THREE PHASE MOTORS

TECHNICAL FEATURES :

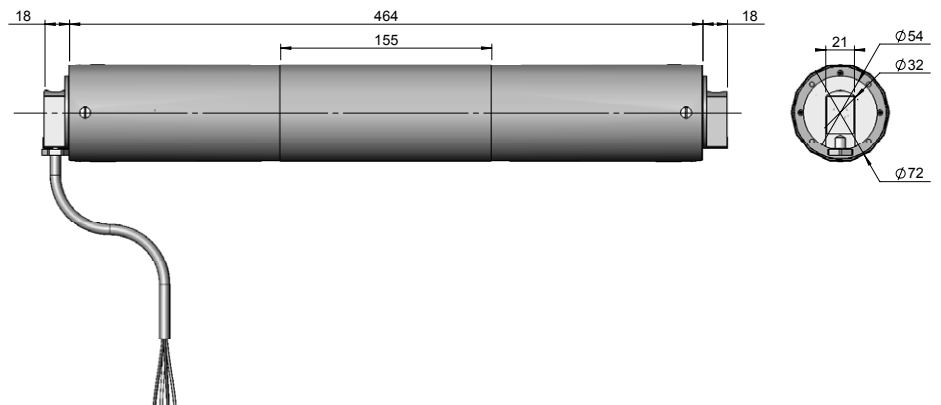
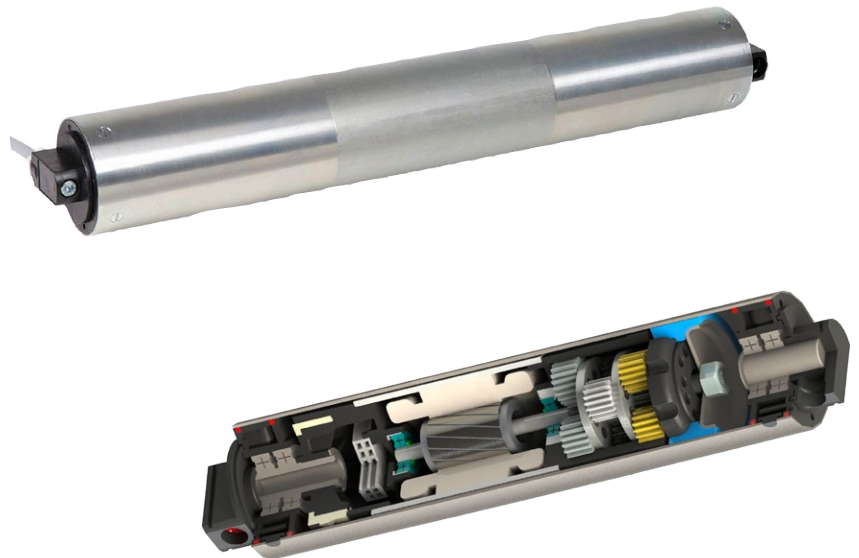
- Asynchronous motor
- Permanently lubricated
- Thermal cut-out
- Plastic end fittings
- Steel tube
- Working with frequency convertor under 230V only
- Class F insulation
- IP44 protection
- S3 service class
- Working temperature : -10°C to +40°C

OPTIONS AVAILABLE ON DEMAND :

- Zinc plated tube
- Specific coating
- Geometry of tube : cylindric, biconic, bi-tapered
- Drum length
- Cable length
- Voltages and frequencies on request
- Brake
- Specific connectors and end fittings

COMPLY WITH STANDARDS :

- EN 60335-1
- EN 60034-1





Ø et Type	Output power (W)	Linear speed		Gearbox ratio	Torque (Nm)	Maximum load (kg)	Tractive effort (N)	Available tube length (mm)	Service class*	Intensity Capacitor (µF)	Intensity and Voltage		
		m/s	m/min								Single phase	Three phase	
Ø72 STANDARD VERSION	Motors 25 W / 230V - 50Hz										Single phase	Three phase	
	20W	0,04	3	1/216	17,7	57	245	de 250 à 600	S3 Intermittent 50% on a 6 seconds cycle maximum	0,23A 2 µF (CM2 type)	0,18A under 230V 0,45A under 400V (CT2 type)		
		0,06	4	1/152	12,5	40	173						
		0,07	5	1/135	11,1	35	153						
		0,09	6	1/107	8,8	28	122						
		0,10	6,8	1/95	7,8	25	108						
		0,11	7,6	1/84	6,9	22	96						
		0,12	8,5	1/76	6,2	20	86						
		0,14	9,5	1/67	5,5	18	76						
		0,16	10,5	1/60	4,9	15	67						
		0,18	12	1/53	4,3	14	60						
		0,26	18	1/36	3,1	10	43						
		0,37	25	1/25	2,2	7	30						
		0,52	36	1/18	1,6	5	22						
	0,59	40	1/16	1,5	4,5	20							
	0,67	47	1/14	1,3	4	17							
	Ø72 STANDARD VERSION	Motors 50 W / 230V - 50Hz										Single phase	Three phase
		50W	0,09	5,5	1/107	17,6	57	245	300 350 400 450 500 600	S3 Intermittent 50% on a 6 seconds cycle maximum	0,4A 3 µF (BM2 type)	0,45A under 230V 0,26A under 400V (BT2 type)	
			0,10	6,2	1/95	15,6	50	216					
			0,11	7,0	1/84	13,8	45	192					
			0,12	7,7	1/76	12,4	40	173					
			0,14	8,8	1/67	11,0	35	153					
			0,16	9,8	1/60	9,8	31	135					
0,17			11,1	1/53	8,6	28	120						
0,26			16,3	1/36	6,2	20	86						
0,37			23,5	1/25	4,4	14	61						
0,52			32,7	1/18	3,3	11	45						
0,59			36,8	1/16	2,9	9	40						
0,67			42,0	1/14	2,5	8	35						
Ø72 COLD VERSION	Motors 30 W / 230V - 50Hz												Single phase
	30W	0,04	2,6	1/216	21,2	60	294	300 350 400 450 500 600	S1 continued «short»		0,26A under 230V 0,15A under 400V (Cold BT2 type)		
		0,06	3,7	1/152	15,0	49	208						
		0,07	4,2	1/135	13,3	43	184						
		0,09	5,3	1/107	10,6	34	147						
		0,10	6,0	1/95	9,4	30	130						
		0,11	6,7	1/84	8,3	27	115						
		0,12	7,4	1/76	7,5	24	103						
		0,14	8,4	1/67	6,6	21	92						
		0,16	9,4	1/60	5,9	19	81						
		0,18	10,7	1/53	5,2	16	72						
		0,26	15,7	1/36	3,7	12	51						
		0,37	22,6	1/25	2,6	8	36						
0,52		31,4	1/18	2,0	7	27							
0,59	35,3	1/16	1,7	5,5	24								
0,67	40,4	1/14	1,5	5	21								

* Reduce the load of 50% if the drum motor is used in service class S1 instead of S3

STANDARD VERSION

Drum motors are particularly well adapted for the belt conveyors :

- Steel planetary gear
- Belt always centered thanks to a specific machining

COLD VERSION

- Allows a continued service class S1
- The drum motor does not warm the belt in contact
- Is recommended for high temperature environments
- Is recommended for the conveying of temperature sensitive products (food industry, ...)
- Is compulsory if the tube has got a coating

The indicated values are given for a 2 meters long conveyor. Without LOAD