

# AC Motorised Drum IP-G

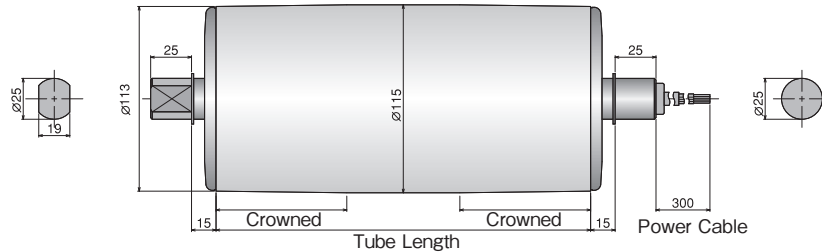
Roller diameter  $\varnothing$ 115

## Belt Conveyor Drive Pulley 120W

High power type with twice output of OR series

- Roller diameter /  $\varnothing$ 115
- Thickness / t4.0
- Shaft diameter /  $\varnothing$ 25
- Voltage / 3ph 200V
- Tube material / STKM12
- Surface treatment / Trivalent chromate processing

Tube Length	(mm)		
	~399	400~599	600~
Crowned	80	100	120



### Tube Length : IP-G

[-Min-] 250mm

Tube Length (mm)	250	300	350	400	450	500	550	600
Weight (kg)	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5

- Spring loaded shaft is not available.
- Please inquire us for 301~349mm.

### Product Designation :

**IP - G - 10 - 300 - 3 - 200 - WA**  
 Power Moller Nominal Tube Voltage Options  
 model Speed Length

- Nominal Speed : 5,10,15,20,30,40
- Tube Length : Specify in mm. (Refer to the tube length to the left)
- Voltage : 3ph-200V etc.
- Options : Each of the following optional specification may be selected.

### ※ Guideline of the Range of Operation

Nominal Speed	Weight (kg)
5	100
10	65
15	40
20	25
30	15
40	10

Referenced values were obtained under the following test parameters:  
 Conveyor length: 4m Belt width: 500mm  
 Belt thickness: 1mm Power source: 200VAC/3-PH  
 Conveyor angle: Horizontal (without carrier rollers)

Load varies by operating condition such as conveyor length, belt thickness, tension, transferred item weight. Use the range of operating condition as a reference for selection.

\* When the nominal speed gets approx 85% or below of the indicated speed in the catalog, overload operation is possible and the thermal protector activates to stop the motor.

### Operating characteristics : IP-G

3ph 200V/50Hz

Nominal Speed	Rated Speed (m/min)	Tangential Force(N)		Input Current(A)		Nominal Output (W)	Input (W)
		Nominal	Starting	Nominal	Starting		
5	5.3	70.0	260.0	0.8	3.1	120.0	160.0
10	8.4	43.0	160.0				
15	13.4	24.0	90.0				
20	21.1	18.0	65.0				
30	26.3	14.0	52.0				
40	42.1	8.5	32.0				

3ph 200V/60Hz

Nominal Speed	Rated Speed (m/min)	Tangential Force(N)		Input Current(A)		Nominal Output (W)	Input (W)
		Nominal	Starting	Nominal	Starting		
5	6.3	69.0	210.0	0.6	2.9	120.0	160.0
10	10.1	42.0	130.0				
15	16.1	23.0	80.0				
20	25.3	17.0	52.0				
30	31.6	13.0	41.0				
40	50.6	8.0	26.0				

### Options : IP-G

**Rubber Laggings - NR, UR, NB, CR** P.149  
 Natural rubber, Urethane, NBR, Neoprene

**Water Proof** P.152  
 [-Min-] 270mm Power cable : 1000mm

\*The values in the characteristics list are only for your reference and not the warranted values. The values represent the characteristics of a single standard motor roller(no linked operation) without including other specifications, and the values may change when including other specifications or with linked operation.