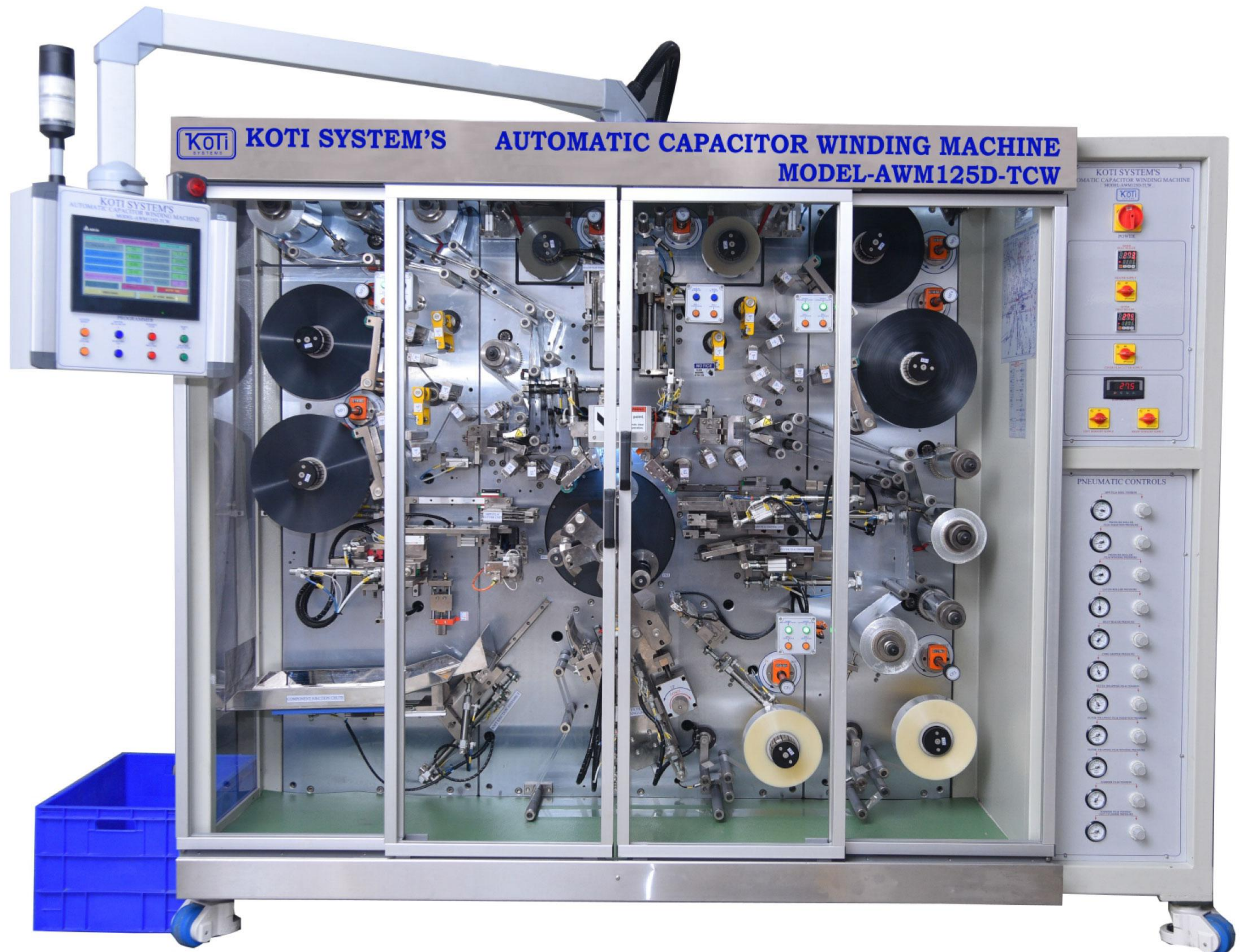


Automatic Capacitor Winding Machine

Model- AWM90D-TCW/AWM125D-TCW



KOTI SYSTEM'S

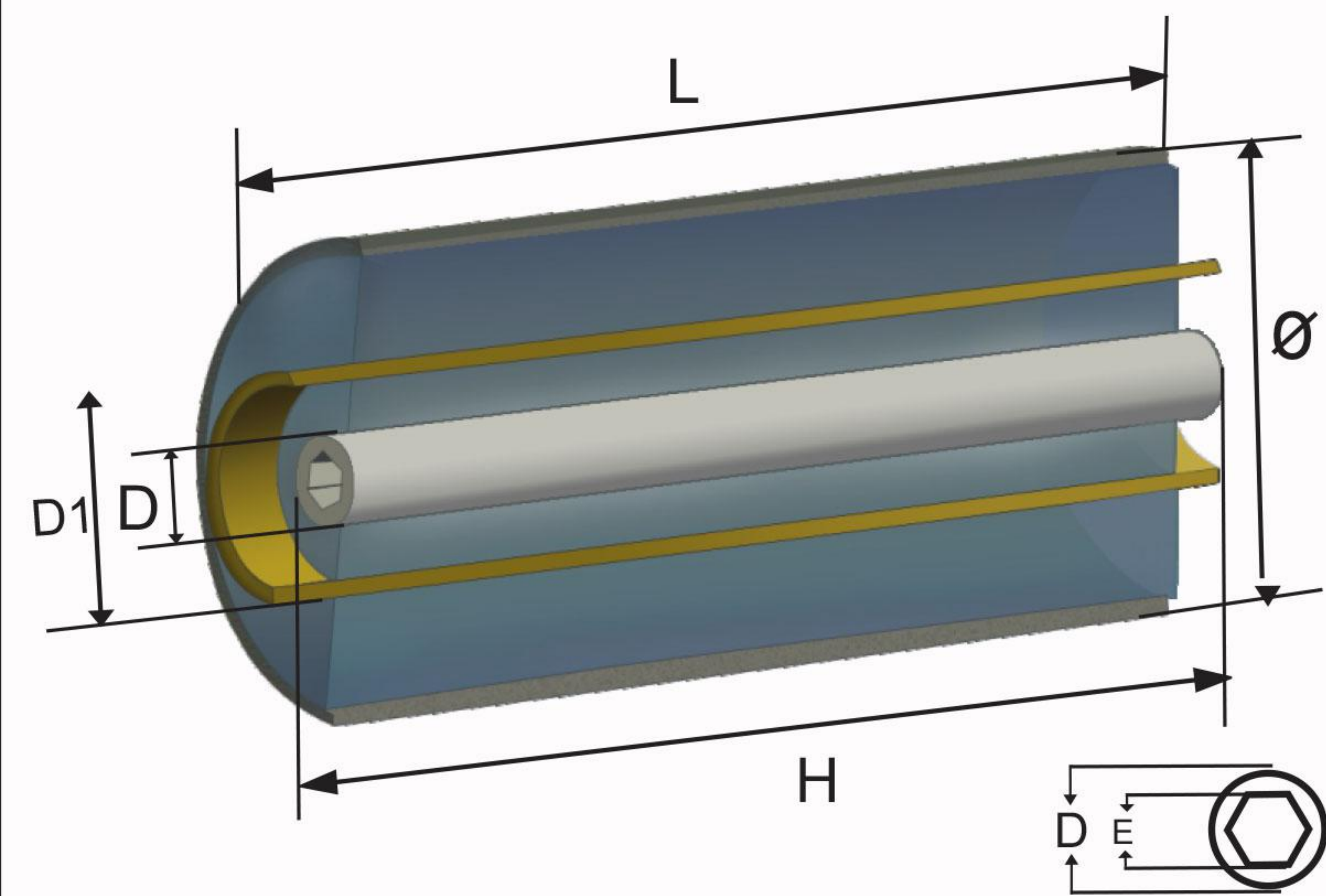
(Manufacturers of SPM for the Capacitor Industry)

No.8, Basappa Reddy Compound, Y.V. Annaiah Road
Yelechenahalli, Bangalore - 560 078.

Ph: 080-26661859, Mob: +91 9448368704

E-mail: kotisystems_spm@yahoo.com

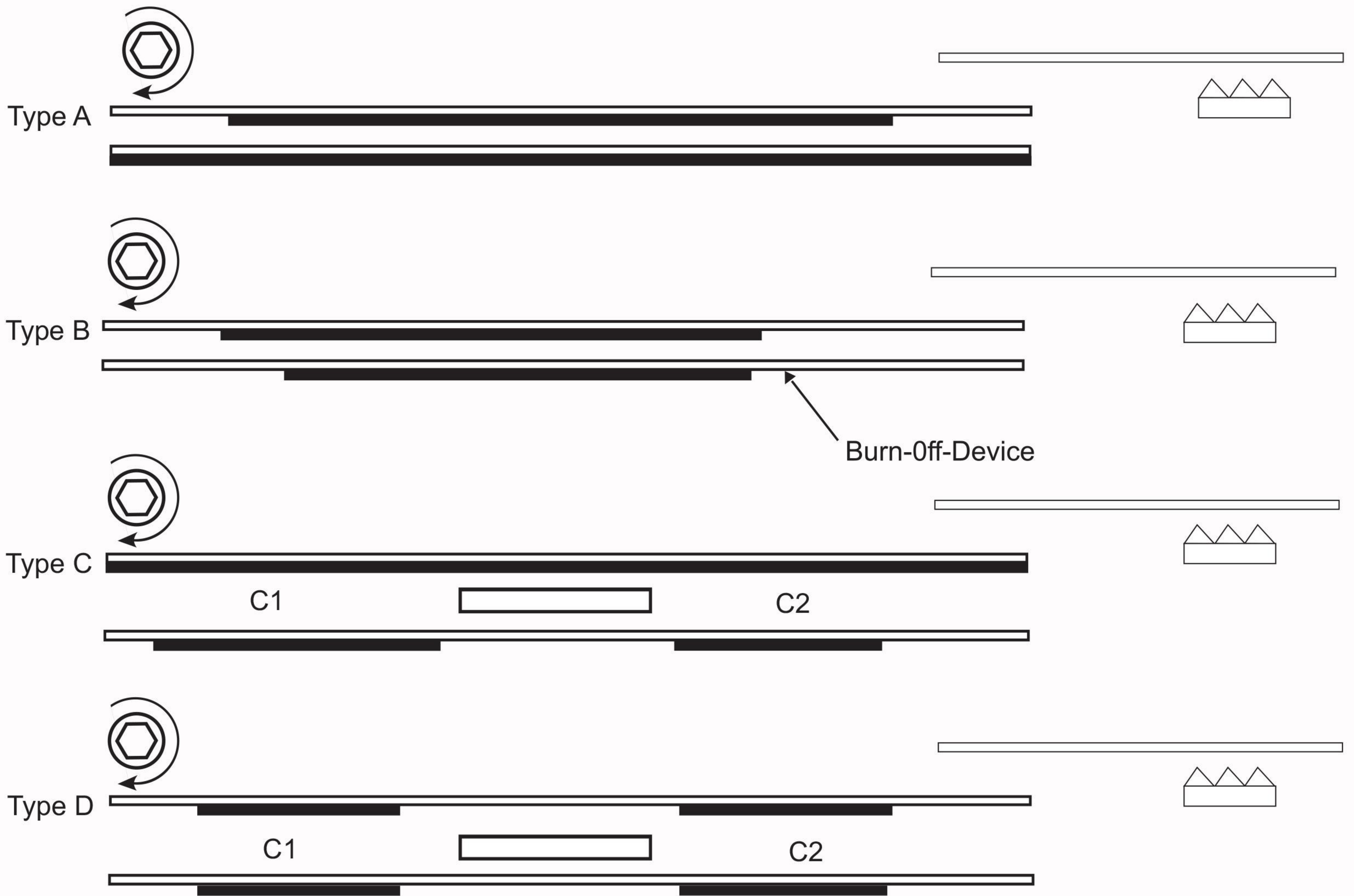
URL: www.kotisystems.com



| | AWM90D-TCW | AWM90D | AWM125D-TCW | AWM125D |
|--------------|------------|--------|-------------|---------|
| L(double) | 31-77 | 31-77 | 31-77 | 31-77 |
| L (single) / | 77-112 | 77-112 | 77-127 | 77-127 |
| Ø / mm | 18-90 | 18-90 | 30-125 | 30-125 |
| D / mm | 9-19 | 9-19 | 9-28 | 9-28 |
| D1 (max) /mm | 18-50 | / | 18-50 | / |
| H (double) | 33-80 | 33-80 | 42-78 | 42-78 |
| H (single) / | 80-114 | 80-114 | 80-130 | 80-130 |

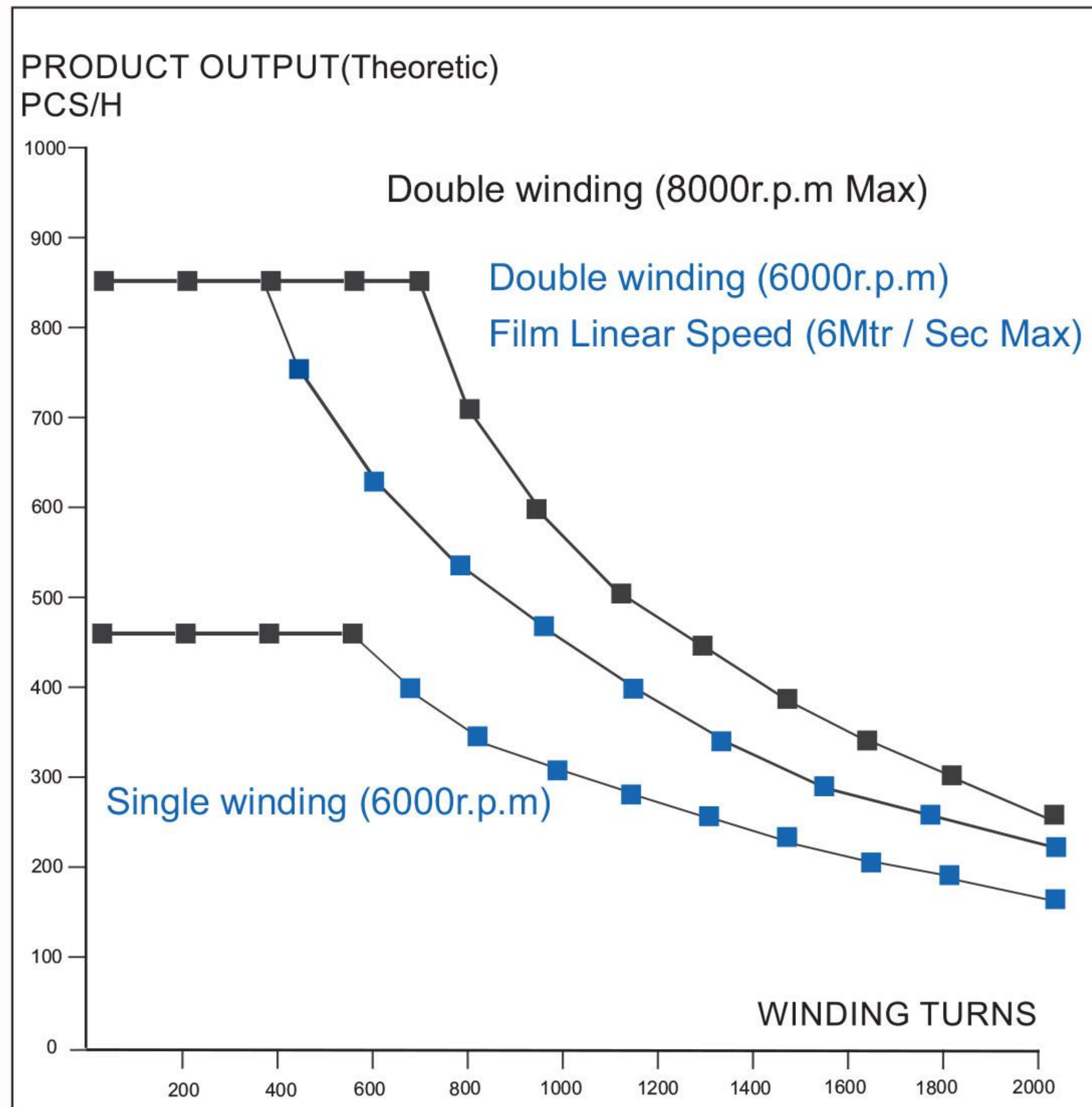
Note:

In Order to cover the whole range, the machine must be equipped with the necessary size parts. Actual dimensions of the elements produced by the machine will be in accordance with the chosen size parts.

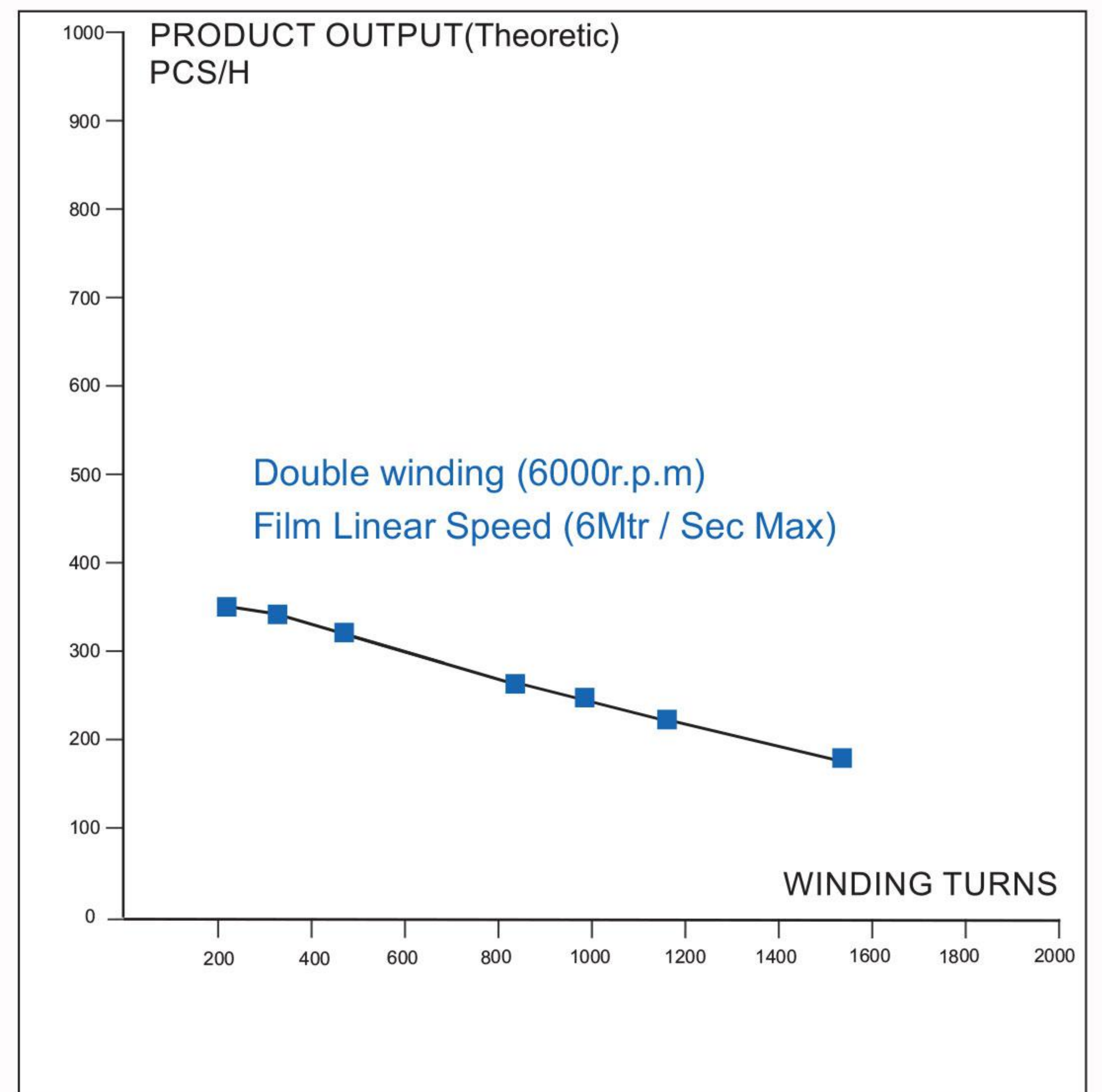


Products

Plastic core D=9/E=5mm



9mm core



TYPE A

Metallized film (MPP)

Thickness 6 um

Width 75 mm

No.of wrapping turns 8

No.of sealing turns 5

No burn-off turns 5

Plastic core D=9 / E=5mm

TYPE D

Metallized film (MPP)

Thickness 6 um

Width 75 mm

No.of wrapping turns 10

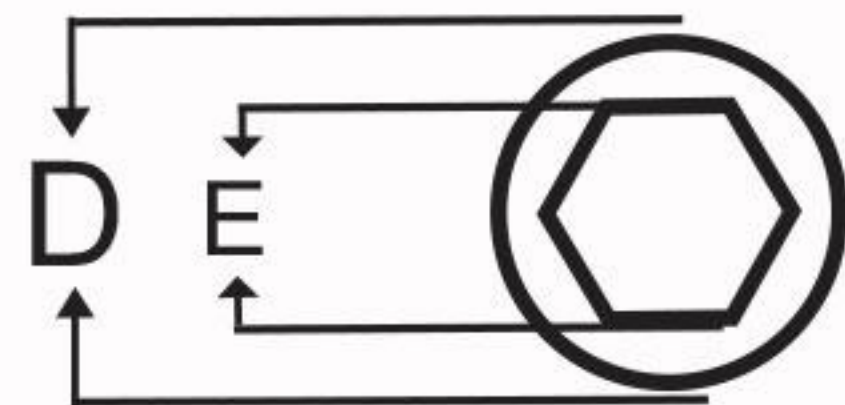
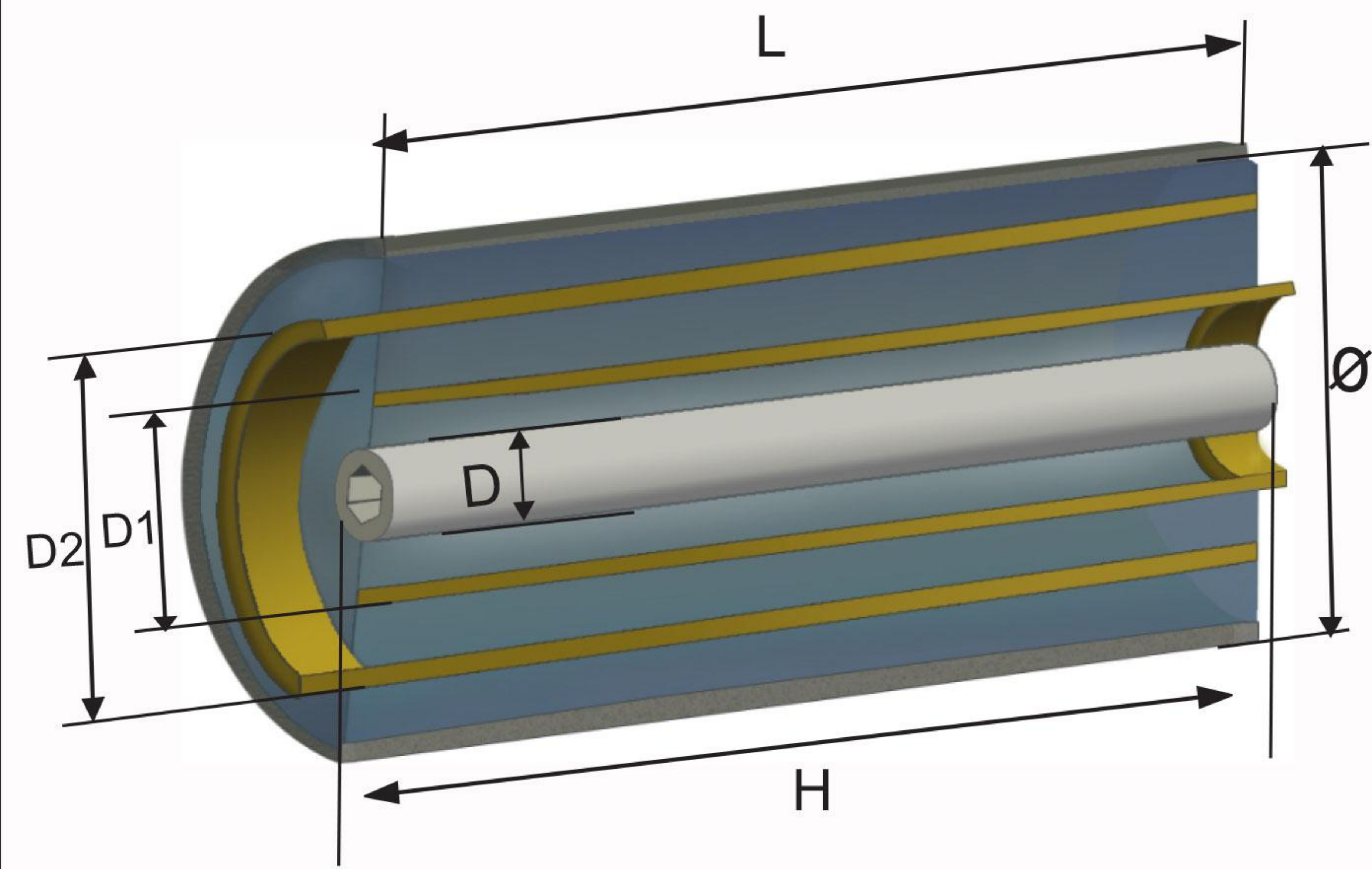
No.of sealing turns 5

No burn-off turns 5

Plastic core D=9 / E=5mm

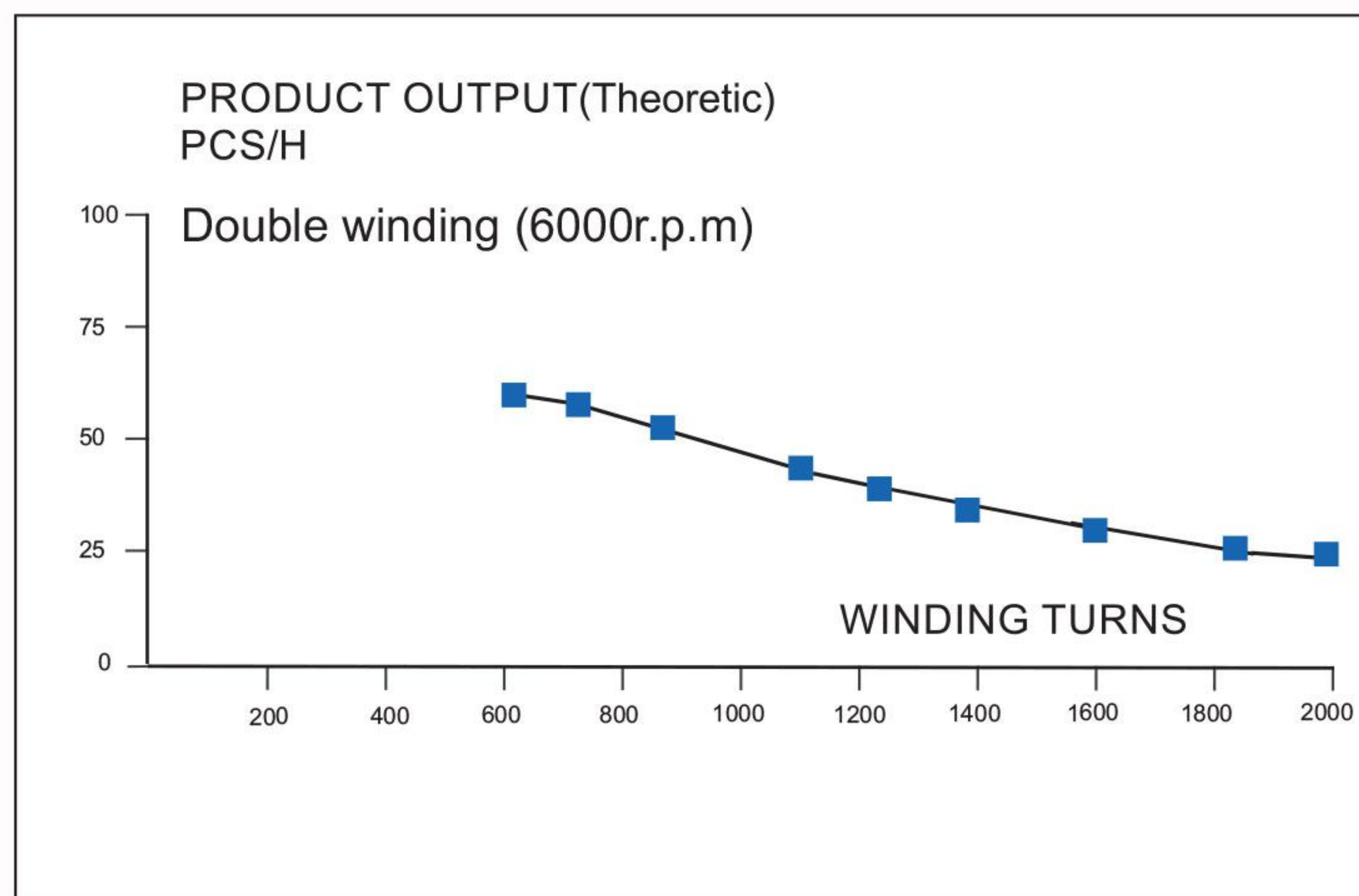
Inner element C1=5uf (360 rounds)

The Output archived depends on the quality of the raw materials used, operators skill, number of machines assigned to each operator, and the general maintenance condition.



| | AWM90D-TCW | AWM125D-TCW |
|--------------|------------|-------------|
| L(double) | 31-77 | 31-77 |
| L (single) / | 77-112 | 77-127 |
| Ø / mm | 18-90 | 30-125 |
| D / mm | 9-19 | 9-28 |
| D1 (max) mm | 40 | 50 |
| D2 (max) mm | 65 | 80 |
| H (double) | 33-80 | 42-80 |
| H (single) / | 80-114 | 80-130 |

Note:
In Order to cover the whole range, the machine must be equipped with the necessary size parts.



TYPE E

Metallized film (MPP)

Thickness 6 um

Width 75 mm

No.of wrapping turns 10

No.of sealing turns 5

No burn-off turns 5

Plastic core D=9 / E=5mm

Inner element C1+C2+C3=1230+635+485

(42mfd Each Winding)

| Models | AWM90D-TCW | AWM90D | AWM125DTCW | AWM125D |
|---|-----------------|----------------|-----------------|-----------------|
| Metalized Film Specification | | | | |
| Width of film(Double) | 30-75mm | 30-75mm | 30-75mm | 30-75mm |
| Width of film(Single) | 110mm | 110mm | 125mm | 125mm |
| Film Thickness | 4-10 μ | 4-10 μ | 4-10 μ | 4-10 μ |
| Reel ID | 75mm | 75mm | 75mm | 75mm |
| Max Reel OD | 350mm | 350mm | 350mm | 350mm |
| Core Specification | | | | |
| Diameter of the core | 9-19mm | 9-19mm | 9-28mm | 9-28mm |
| Standard OD/Hex | 9/5-19/13mm | 9/5-19/13mm | 9/5-19/13mm | 9/5-19/13mm |
| Burn off Aluminum foil specification | | | | |
| Reel ID/MaxOD | 40/160mm | 40/160mm | 40/160mm | 40/160mm |
| Alu foil thickness | 18-25 μ | 18-25 μ | 18-25 μ | 18-25 μ |
| Alu foil width | 220mm | 220mm | 220mm | 220mm |
| Wrapping Film Specification | | | | |
| Wrapping film thickness | 20-25 μ | 20-25 μ | 20-25 μ | 20-25 μ |
| Wrapping film ID/MaxOD | 75/250mm | 75/250mm | 75/250mm | 75/250mm |
| Separator Film Specification | | | | |
| Film thickness | 50-75 μ | Not applicable | 50-75 μ | Not applicable |
| Film Reel ID/Max OD | 75/200mm | | 75/200mm | |
| Windings Details | | | | |
| Type of winding | A/B/C/D | A | A/B/C/D | A |
| Min. winding OD possible | 18mm | 18mm | 30mm | 30mm |
| Max. winding OD possible | 90mm | 90mm | 125mm | 125mm |
| Max winding speed | 8000 rpm | 8000 rpm | 8000 rpm | 8000 rpm |
| Max Linear speed | 8000 Mtrs/S | 8000 Mtrs/S | 8000 Mtrs/S | 8000 Mtrs/S |
| Range of film tension | 250-1500gms | 250-1500gms | 300-2000gms | 300-2000gms |
| Machine Dimension | | | | |
| L/W/H in mm | 2515x1550 x1800 | 2282x1550x1800 | 2515x1550 x1850 | 2282x1550 x1850 |