

FläktGroup[®]

AIRTREND Ltd
Predstavništvo u Beogradu
Kumanovska 14, 11000 Beograd
Tel: 011/3836886, 3085740
Faks: 011/3444113
e-mail: gobrid@eunet.rs
web: www.airtrend.rs

PUML

PRODUCT CODES – SEPARATE ROTOR



PUML – PRODUCT CODES – SEPARATE ROTOR

Rotor, separately delivered PUML-aaa-b-c-d-e-f-g-h-i-jj

Rotor size, active diameter* in cm (aaa)

- 030 - (in steps of 1 cm) - 250,
fully wound rotor
- 060 - (in steps of 1 cm) - 249,
sectorised rotor
- 250 - (in steps of 5 cm) - 420, 460/500,
sectorised rotor

***Note!**

Sectorized rotor outer diameter is aaa + 70 mm.
This due to assembly procedure with clamping straps.

Rotor design (b)

- 0 = RegAsorp
- 1 = Non-hygroscopic rotor
- 3 = Edge-reinforced, Non-hygroscopic rotor
- 5 = Epoxy coated, Non-hygroscopic rotor
- 6 = Composite rotor (aaa=060-420, c=1, d=4,6,8)
- 7 = ECONOVENT (sorption)
- 8 = ECONOVENT (sorption), Edge-reinforced
- 9 = RegAsorp, Edge-reinforced

Output variant (c)

- 1 = Output variant 5 (1,7 mm)
- 2 = Output variant 1 (2,65 mm)
- 5 = Output variant 9 (1,4 mm)
- 6 = Output variant 3 (2,0 mm)
- 8 = Output variant 7 (1,55 mm)

Type of running (d)

- 1 = Heat recovery
- 2 = Coolingrecovery

Sectorised (e)

- 1 = Wound, not sectorised (aaa=030-250)
- 2 = 2-sectors (aaa=060-090)
- 4 = 4-sectors (aaa=091-249)
- 5 = 4-sectors + 1 radial (aaa=110-249)
- 6 = 6-sectors (aaa=150-305)
- 7 = 6-sectors + 1 radial (aaa=150-305)
- 8 = 8-sectors (aaa=310-500)
- 9 = 8-sectors + 1 radial (aaa=310-500)

Periphery design (f)

- 1 = Standard
- 2 = Flat (sectorised rotor)
- 3 = Chain drive

Hub design (g)

- 1 = Standard with bearings, Width 200 (aaa=030-249),
Width 270 (aaa=250-500)
- 3 = 200 mm wide hub with bearings (aaa=250-305;e=2-7)
- 5 = 200 mm wide hub with bushings (aaa=030-305;e=1-7)
- 7 = 270 mm wide hub with bushings (aaa=250-500; e=2-7)

Material (not rotor matrix) (h)

- 1 = Galvanised
- 2 = Stainless (AISI 304)
- 4 = Stainless (AISI 316L)

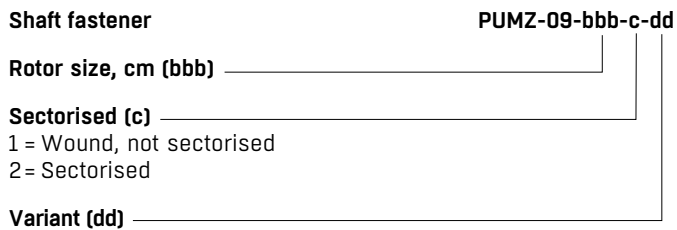
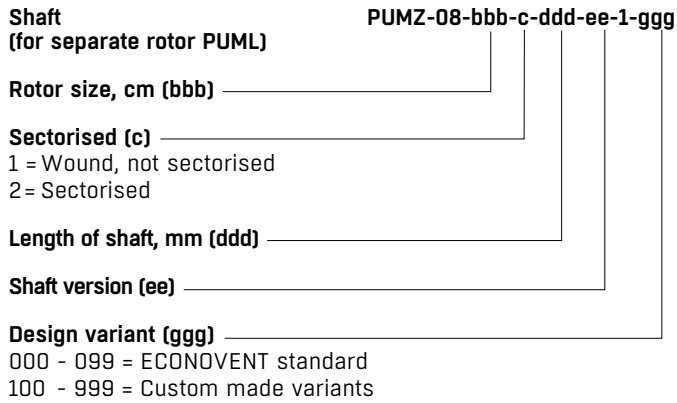
Delivery version (i)

- 1 = Assembled rotor unit (aaa=030-250)
- 2 = Split rotor unit (aaa=060-500; e=2-9)

Design variant (jj)

- 00 = ECONOVENT standard
- 20 - 99 = Custom made variants

PUML – PRODUCT CODES – SEPARATE ROTOR



Brush sealing (per meter) **PUMA-99-21-2**

Example PUML-200.
 2 meter diameter rotor with;
 Periphery sealing (one side) $D \times \pi = 2 \times 3,14 = 6,28$ meter
 Center beam sealing (one side) $D = 2 = 2$ meter
 Totally 8,28 meter required => 9 pcs of PUMA-99-21-2

N.B. brush sealing delivered loose (not factory mounted).

A HISTORY OF INNOVATION AND RELIABILITY

With more than a century of accumulated industry experience, FläktGroup is in a unique position to deliver energy efficient components and solutions for integrated performance, reliability and quality. With modern manufacturing technologies, precise deliveries and technical support, FläktGroup is your partner – fulfilling and surpassing industry standards and certifications.

» Learn more on www.flaktgroup.com
or contact one of our offices