SPAIX V2
DATABASE UPDATE

Release 2017-04-12

1. New performance curves

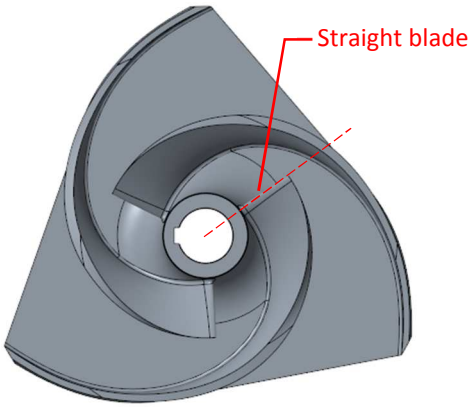
1.1 EOS/EOSA – Package no. 1

Only the performances curves are added (no datasheet configuration). 50/60Hz curves available.

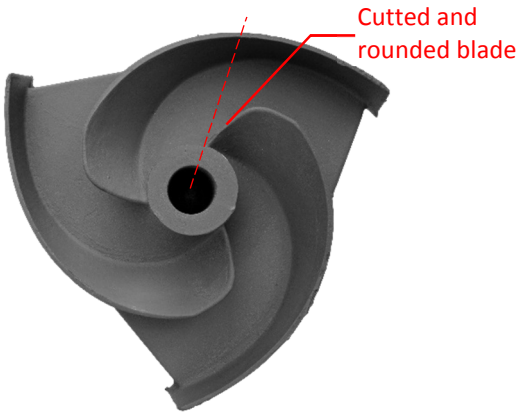
Hydraulics :

EOS	EOSA
7-250	7-250
8-200	8-200
8-250	8-250
8-300	8-300
9-250	9-250

Reminder concerning EOS/EOSA :



Impeller EOS



Impeller EOSA

- Entry of blades are cutted and rounded to improve performance in waste water (pump is less clogging with fibers).
- Impeller EOS is only available in stainless steel (cast iron = EOSA).
- Impeller EOSA is available in cast iron (GGG 50) only.

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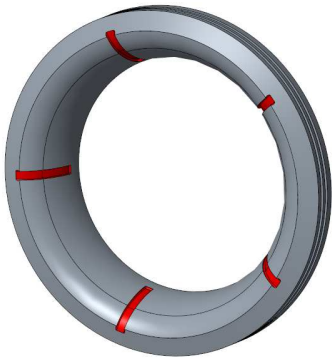
- Wear plate EOSA is machined with 5 radial grooves



Wear plate EOSA

Further hydraulics EOS/EOSA will come with the next updates.

1.2 EOA 9-300

Only the performances curves are added (no datasheet configuration). 50/60Hz curves available.

Impeller EOA

Casing EOA

- Hydraulic optimized for raw waste water
- Impeller with 2 blades
- Casing (new pattern), casing cover (new machining variant) and wear plate (new machining variant) are different from EO/EOS 9-300
- Adjustable wear plate with cleaning grooves
- Pattern available : cast iron (Casing : GGG 50 ; Impeller : GGG 50)
- Free passage : 110mm

With raw waste water, corrections must be applicated to the clean water curves (=Spaix curves). For corrections help, ask hydraulic office staff (Spaix don't make any automatic corrections for waste water).

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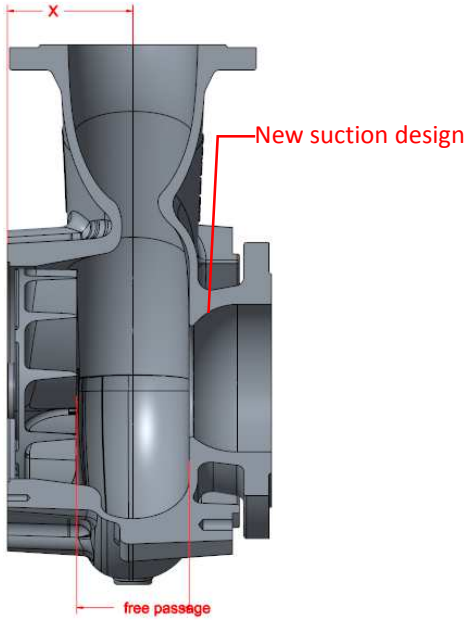
1.3 T/TA 73-150

Only the performances curves are added (no datasheet configuration). 50/60Hz curves available.

- Free passage : 130mm
- Casing pattern currently available : cast iron (GG 25)

Reminder concerning Turo 3rd generation :



- Better hydraulics performances
- Free passage is smaller
- Dimension X is smaller
  T/TA …3-150 : -20mm
  T/TA …3-200 : -30mm
- Only the casing design is different

2. Performance curves update

2.1 EO 7-50

50/60Hz curves available.
- Q-H curves corrections
- Q-η curves corrections
- Q-P curves corrections
- Q-NPSH curves corrections
- Application range corrections

2.2 RPP 05/6

- Application range corrections (Qmin)

3. Pumps configuration update and corrections

- T 81-200 replaced by T 83-200 (TV 81-200 remain)
- EO 7-250 : Casing material change to GGG
- Ex protection directive updated to 2014/34/EU in all datasheets
- Flender Arpex ARS-6 : Data corrections
- T/TA 61 : Bug correction with the impeller material (GGG to GG)
- Bug of wrong efficiency calculation on some pump types is corrected by updating the motor database.

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