

“한 페이지 제품선정” 그런포스 프로젝트 센터

살펴보기 + 퀵 가이드

GRUNDFOS 

Possibility in every drop

”한 페이지 제품선택”으로 접속



링크: <https://product-selection.grundfos.com/>

크기 결정 기준: ”펌프 제품군 별” -> 펌프 제품군 선택: ”CR, CRE, CRI, CRIE...”

선택: ”한 페이지 제품선택” -> 클릭: ”>”

Grundfos Product Center | Sizing x +

product-selectionsand01.grundfos.com

Size your product

Find the right pump for your installation requirements.

Size by: Pump family

Select pump family: CR, CRE, CRI, CRIE, CRN, CRNE, CRT, CR

Select product group: All

Sizing All suitable One page sizing

새로운 제품선정 도구 살펴보기



수력학적 정보 입력 및 선택

Select parameters

Pumped liquid: Water

Liquid temperature during operation: 20

Optimized O&M Selection:

Do not allow oversize motor:

Flow (Q): 7 m³/h

Head (H): 150 m

Evaluation criterion: [dropdown]

Low NPSH: [dropdown]

Pump type: [dropdown]

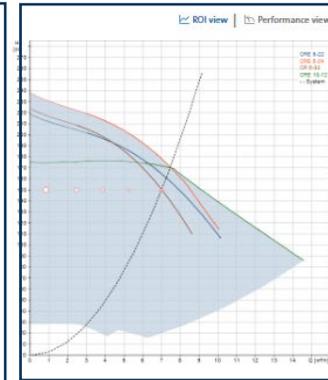
Pump size: [dropdown]

Polos: 2 None

Phase: [dropdown]

U: [dropdown] V

Use the duty curves to find a valid sizing input



Curve view
New Sizing feature

부하 정보 수정

Optional sizing parameters

Load profile: Pressure Boosting

Period: Day Year

Operation hours per day: 9 h/day

Control mode: Const. pressure

| Duty point | Flow | Q | H | Hours |
|------------|---------|-----------------------|---------|-----------|
| 1 | 12.0 % | 0.8 m ³ /h | 150.0 m | 4.1 h/day |
| 2 | 35.0 % | 2.4 m ³ /h | 150.0 m | 2.5 h/day |
| 3 | 55.0 % | 3.9 m ³ /h | 150.0 m | 1.2 h/day |
| 4 | 75.0 % | 5.2 m ³ /h | 150.0 m | 0.8 h/day |
| 5 | 100.0 % | 7.0 m ³ /h | 150.0 m | 0.4 h/day |

Energy price: 0.15 EUR/kWh

제품선정 결과 목록
새로운 제품 선정 결과

| Criteria | Product name | P2 [kW] | Energy [kWh/year] | Life cycle cost [EUR/10 years] | Price index | Pump + motor length [mm] | Speed in c |
|----------------------------------------|---------------------------|---------|-------------------|--------------------------------|-------------|--------------------------|------------|
| <input type="checkbox"/> Lowest LCC | CRE 5-22 | 5.5 | 7634 | 19132 | 189 | 1240 | |
| <input type="checkbox"/> Lowest energy | CRE 5-24 | 5.5 | 7482 | 19215 | 197 | 1294 | |
| <input type="checkbox"/> Lowest price | CR 5-32 | 5.5 | 11179 | 20827 | 100 | 1536 | |
| <input type="checkbox"/> Most compact | CRE 10-12 | 5.5 | 9439 | 22980 | 217 | 1065 | |

간단한 제품선정



① 운전점 입력 ...

② ... 수력학적 제안 확인 ...

③ ... 제안 비교

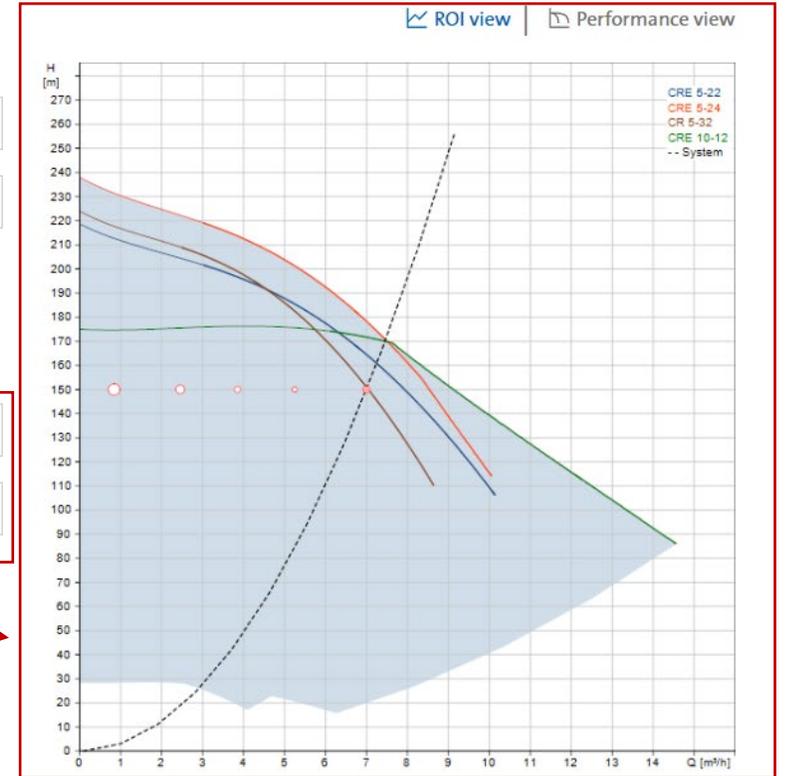
Select parameters

Pumped liquid: Water

Liquid temperature during operation *: 20

Flow (Q) *: 7 m³/h

Head (H) *: 150 m



| | Criteria | Product name | P2 [kW] | Energy [kWh/year] | Life cycle cost [EUR/10 years] | Price index | Pump + motor length [mm] | Speed in d |
|--------------------------|---------------|---------------------------|---------|-------------------|--------------------------------|-------------|--------------------------|------------|
| <input type="checkbox"/> | Lowest LCC | CRE 5-22 | 5.5 | 7636 | 19135 | 189 | 1240 | |
| <input type="checkbox"/> | Lowest energy | CRE 5-24 | 5.5 | 7484 | 19217 | 197 | 1294 | |
| <input type="checkbox"/> | Lowest price | CR 5-32 | 5.5 | 10411 | 19674 | 100 | 1536 | |
| <input type="checkbox"/> | Most compact | CRE 10-12 | 5.5 | 9442 | 22986 | 217 | 1065 | |

모든 것은
한 페이지로