



EM (Excellent Machine)

DUKJI SLURRY PUMPS

DWM Series



Heavy Duty Slurry Pump

Heavy Duty Slurry Pump



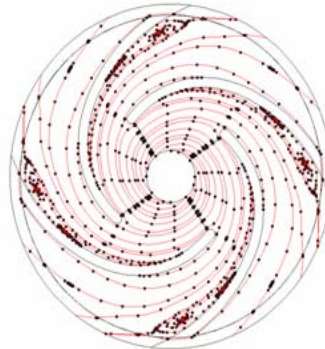
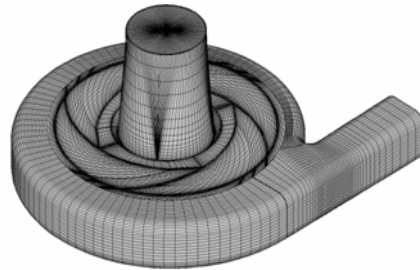
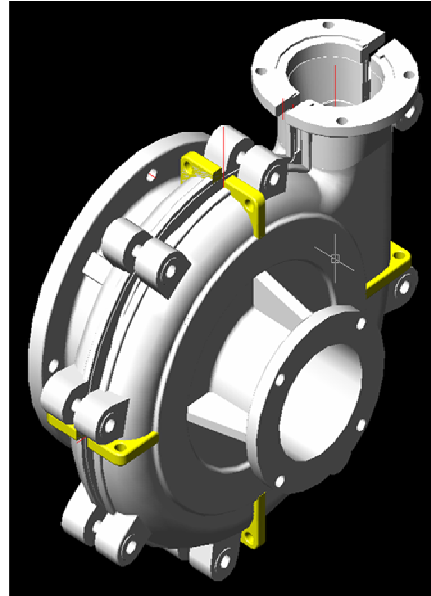
德池産業株式會社

DUKJI INDUSTRIAL CO., LTD

Research and Development

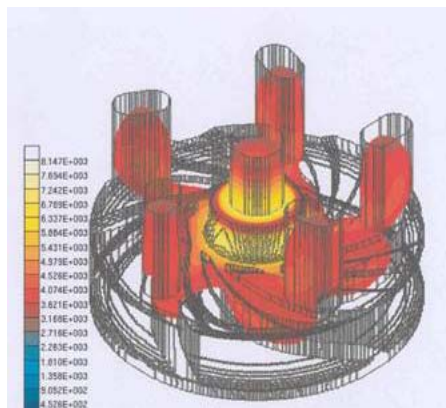
-. 덕지 기술연구소

- 신제품 개발 및 개선
- 국산화 개발
- 시제품 제작 및 성능시험
- 3D Modeling
- 펌프의 설계 최적화 구조 설계



-. 산학협력 및 공동개발

- 소재 개발 및 분석
- 성능 예측 분석
- 유동 해석
- 주조 모사



Pump Testing

Pump Test Bay



Pump Testing

Wear Testing



영동화력 GAS COOLING PUMP

시운전 점검 결과

▶ 2002.12 ~ 2005.11

(15~30% solid, max. 20,000ppm)



하동화력 시운전 점검 결과

▶ 2001.11. 02 ~ 2004.11. 04

(실운전시간 : 약 18개월)



Pump Testing

Product

Type "DWM" Heavy Duty Slurry Pumps

DUKJI heavy duty pumps display total interchangeability between hard metal or elastomer lined pumps. Designed for a wide range of slurry and process Applications.

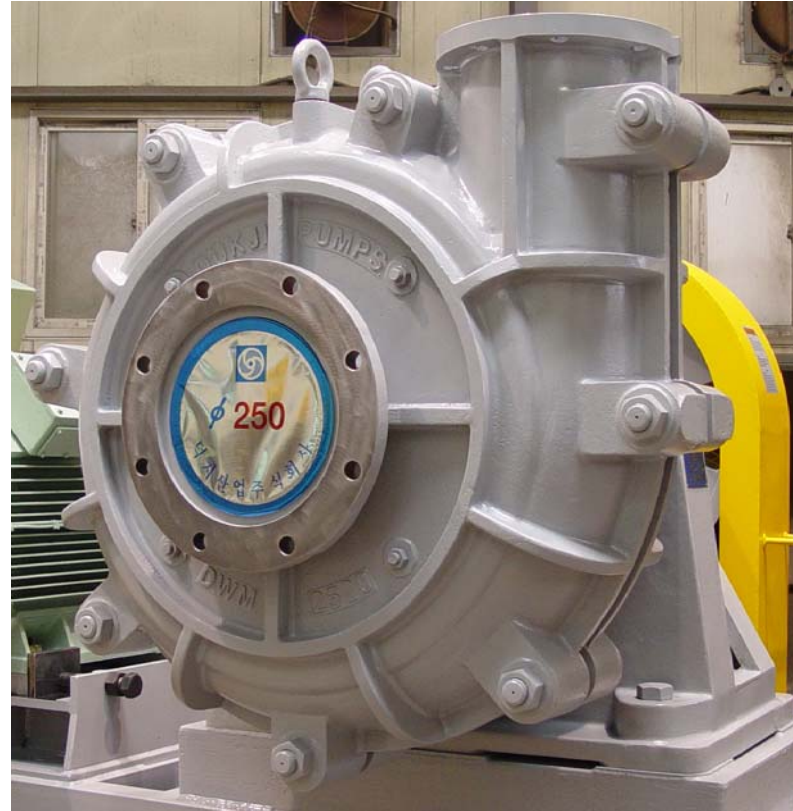
Size : DWM4025 to DWM4035
(40mm to 400mm)

Capacity : 6m³/hr to 2050m³/hr

Maximum head : 85m

Typical Applications

- Power Plant
- Chemical Process
- Heavy Minerals
- Paper and pulp
- Mill Discharge
- Bottom Boiler Fly Ash



Product

Product

Product

Type "DWM-H" High Head Slurry Pumps

DUKJI unique high head slurry pumps have been specifically designed to combat the need to run conventional design slurry pumps at excessive speeds to generate high heads often required in many modern slurry pumping applications.

Size: DWM4025H to DWM1510H

(40mm to 150mm)

Capacity : 15m³/hr to 450m³/hr

Maximum head : 95m

Typical Applications

- Power Plant
- Chemical Process
- Heavy Minerals
- Paper and pulp
- Mill Discharge
- Bottom Boiler Fly Ash



Product

Product

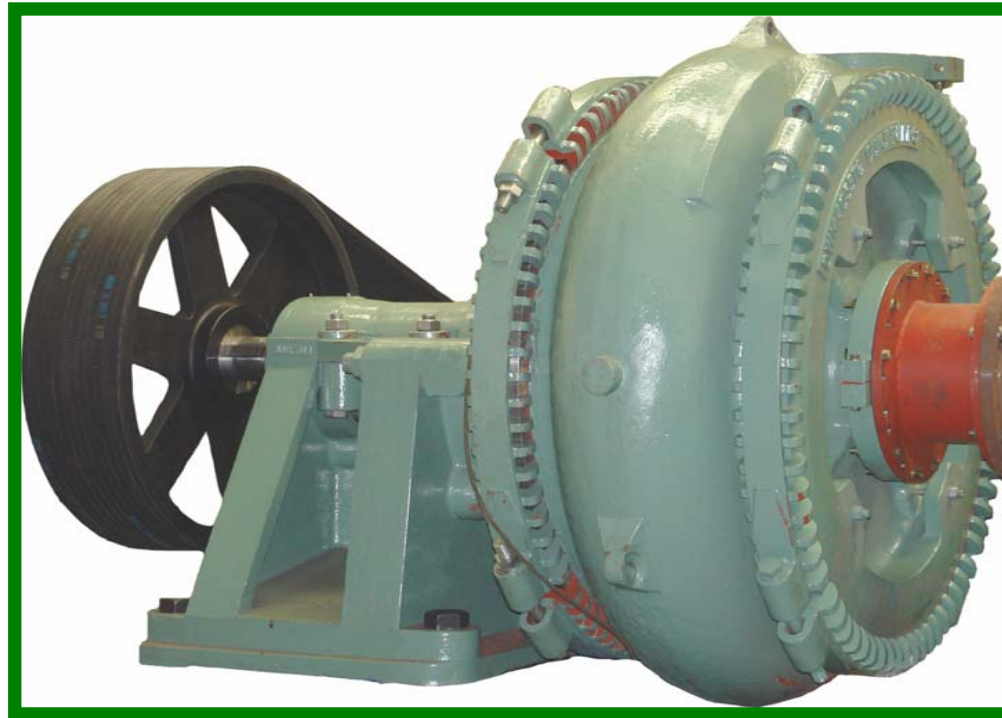
Product

Type "DWM G" Gravel Pump

The DUKJI range of Dredge and Gravel pumps is designed specifically for continuous pumping of extremely aggressive slurries. With a wide particle size distribution. Capable of handling large particles at consistently high efficiencies results in low cost of ownership. The large volume internal profile of the casing reduces associated velocities further increasing component life.

Typical Applications

- Cyclone Feed
- Slag Granulation
- Suction Hopper Dredging
- Dredging
- Barge Loading
- Mill Discharge
- Sand Reclamation



Product

Product

Product

Type "DVS-SM/SMR" Slurry Sump Pumps

The DVS-SM and SMR designs, manufactured in popular metric sizes, provide a simple, yet rugged of sump pumps specially developed for :

- Abrasive and/or corrosive slurries
- Large particle size
- High slurry densuties

Size: DVS-SM 40, 65, 100, 150

Capacity : 15m³/hr to 450m³/hr

Maximum head : 60m

Typical Applications

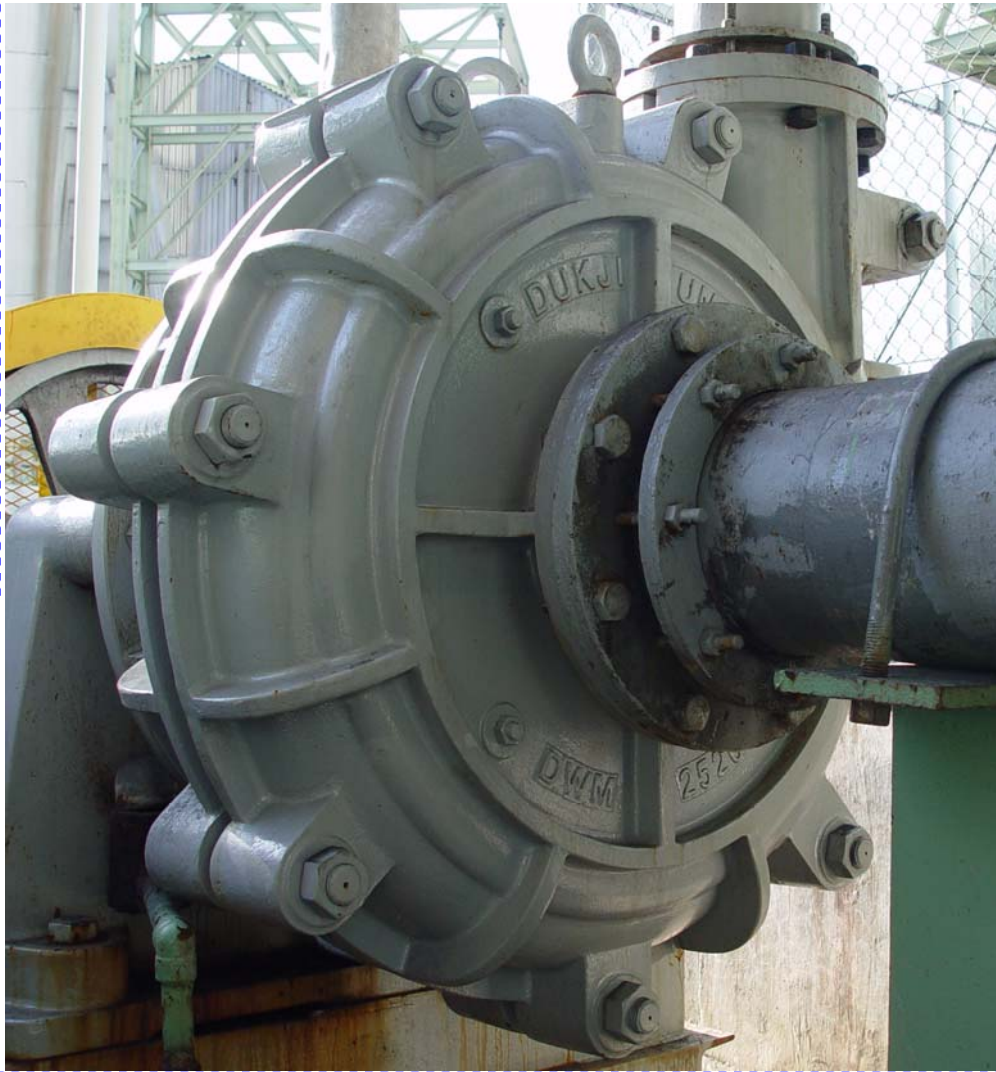
- Sump drainage / washdown
- Floor drainage
- Mill sumps
- Carbon transfer



Product

Product

DUKJI SLURRY PUMPS



Heavy Duty Slurry Pump

Heavy Duty Slurry Pump

Thank You !!!!