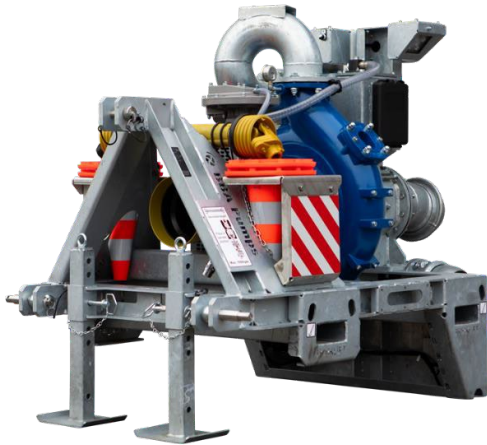


# BA160L Tractor Driven Flood Control and Dewatering Pump

Max. 620 m<sup>3</sup>/hour, Max. 29 mwc



### Pump specifications:

Type.....	BA160L D420
Max. flow .....	620 m <sup>3</sup> /hour (10 m <sup>3</sup> /min)
Max. head .....	29 mwc (95 ft.)
Connections.....	8 inch IT quick couplings
Solids handling .....	80 x 65 mm (3.15 x 2.5")
Priming system .....	BBA MP50
Pump speed (max) .....	1000 rpm
PTO drive .....	50 kW (67 hp)
Cardan shaft .....	1-3/8" 6 spline
Galvanized frame .....	With 2 jack stands
Hitch.....	Category II and III
Lighting .....	3 integrated LED lights
Dry weight.....	1140 kg (2513 lbs.)

## FEATURES

### BA auto prime pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring a 100% mechanical priming system, the BA series pumps quickly prime and re-prime, even from dry conditions. The heavy build style of both pump and canopy make the BA range perfect for use in the strenuous contractor market.

### World-class performance

The BA range is built to be deployed on the most demanding dewatering and sewage bypassing applications. Using high efficiency pumps and state-of-the-art diesel engines, the pumps offer maximum performance at minimal cost, fully in-sync with the company philosophy of "Lowest cost of ownership".

### Fields of application

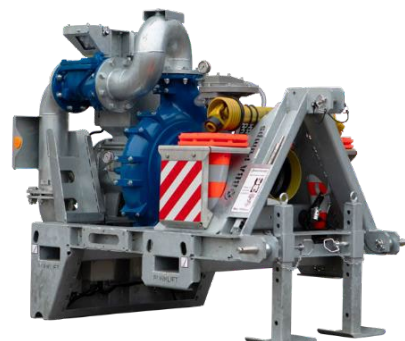
- Flood protection
- Waste water management
- Emergency pump units
- Irrigation
- Agriculture
- Horticulture

### Complete package designed & built by BBA Pumps

- Complete in-house design & production
- Over 70 years of experience in the market
- Complete testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

### After sales service & product support

- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing available
- Extensive training options available (technical & commercial), on-site or in-house



# BA160L Tractor Driven

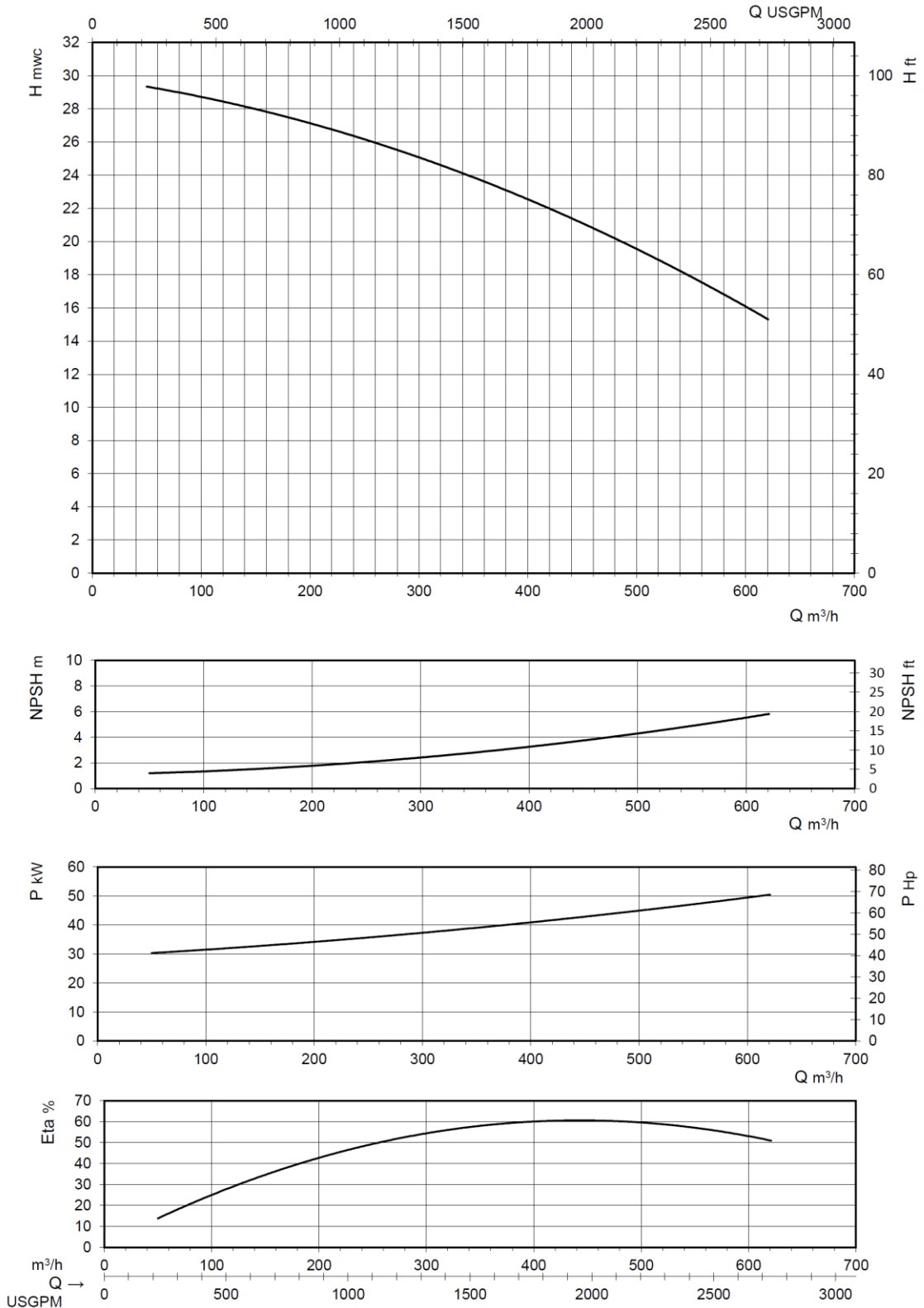
## Flood Control and Dewatering Pump

Max. 620 m<sup>3</sup>/hour, Max. 29 mwc



### PERFORMANCE CURVES (1000 RPM)

Continuous duty according ISO 9906



# BA160L Tractor Driven

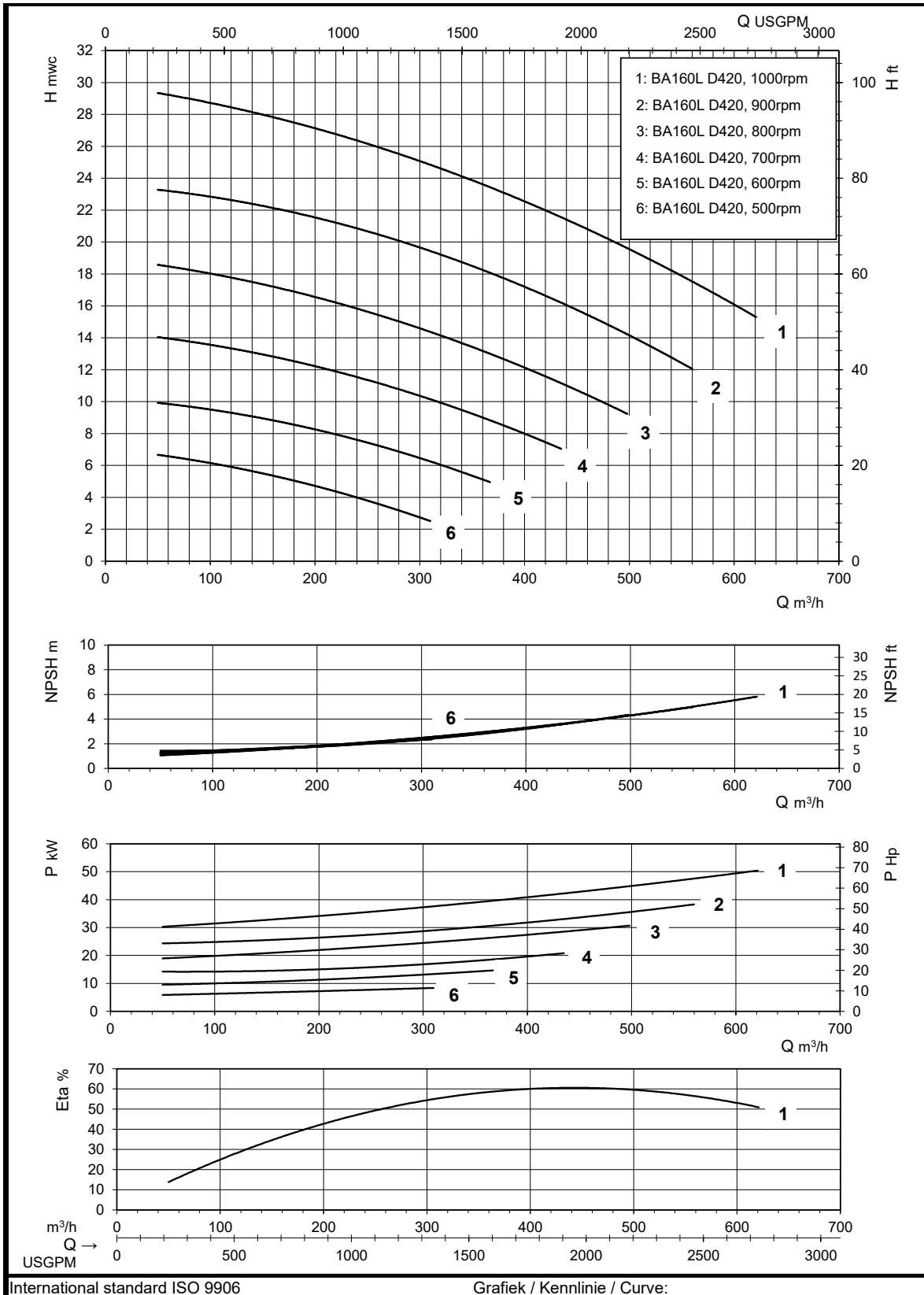
## Flood Control and Dewatering Pump

Max. 620 m<sup>3</sup>/hour, Max. 29 mwc



Variable speed: 1000 - 500rpm  
PTO driven pump

Suction: DN200  
Discharge: DN200



# BA160L Tractor Driven

## Flood Control and Dewatering Pump

Max. 620 m<sup>3</sup>/hour, Max. 29 mwc



### STANDARD TECHNICAL SPECIFICATIONS

#### BBA auto prime pump

Pump type.....	BA160L D420
Max. flow.....	620 m <sup>3</sup> /hour (2730 US gpm)
Max. head.....	29 mwc (95 feet)
Impeller type.....	Enclosed impeller
Solids handling.....	80 x 65 mm (3.15 x 2.5 inch)
Pump casing.....	Ductile iron GGG50
Impeller.....	Stainless steel 316
Wear plate.....	Stainless steel 316
Pump shaft.....	42CrMo4 heat treated
Shaft seal.....	Mechanical seal Tung/Sic/Viton



#### BBA priming system

Pump type.....	BBA MP50 diaphragm pump
Air handling capacity.....	50 m <sup>3</sup> /h (30 CFM)
Max. vacuum.....	8,5 m (29 inHg)
Drive.....	Toothed belt
Float box.....	St. 37
Float.....	Stainless steel 304
Non return valve.....	Cast iron GG25

#### BBA tractor frame

Assembly.....	Fully galvanized frame
Dimensions (L x W x H).....	2010 x 1122 x 1587 mm
Jacks.....	2 jack stands
Lighting.....	Lighting bar
Forklift pockets.....	Fitted with 2 forklift pockets
Lighting.....	3 integrated LED lights

