

BOSS-1 MULTI V 204/EC-1PH 80460165

Customer BSS Project Customer no. Project no. Contact Location Care of Date

Boss-1 MULTI V 204/EC-1PH 80460165 Description. Filly automatic self-contained single-pump booster set designed router to the processor of the processor self-self-self-self-self-self-self-self-	Cale of		Date	rage 1 / 2			
Description: Fully automatic self contained single pump booster set designed to provide reliable constant pressure water supply. The set is quiet running, making it suitable for use in domestic, commercial and industrial applications. The control system is based on proven electronic technology giving reliability and simple on site adjustment. Accessories: Commissioning 80118398 - frist item on site 80460357 - BOSS CAVSA Valve Operational Cycle: System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts and will ramp up in speed to match the system demand reduces to zero, the pump will continue to run, vanying its speed to match the varying demand of the system. When the system demand reduces to zero, the pump will ornitine to run, vanying its speed to match the varying demand of the system. When the system demand reduces to zero, the pump will ramp down until it stops. Specification: Pump: Vertical multi stage design of stainless steel construction, WRAS approved. Motor: Totally enclosed fan cooled (TEFC), IP55, class F, 230 volts, three phase, direct on line (DOL) starting via pipe mounted inverter. IE2 Motor Efficiency. Inverter: The pump has a dedicated pipe mounted inverter, giving maximum reliability and flexibility. Pipe Work: 30 4 stainless steel, sized in accordance with the overall by the system of the surface of the foundation of the surface of the surf	l te m	Qty.	Description	Price gr	. Price [GBP]	Price [GBP]	
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BOSS-1 MULTI V 204/EC-1PH 80460165

Project

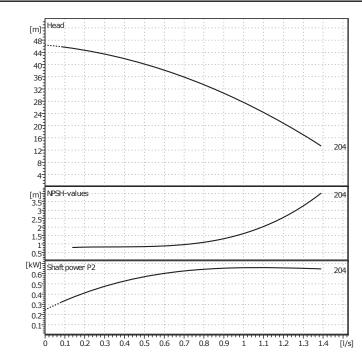
Project no.

Position no.

Customer no.
Contact

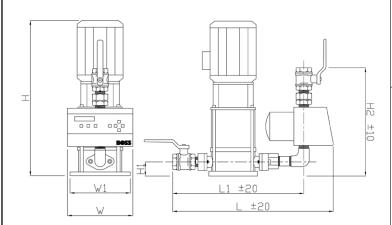
Care of Location

Date Page 2 / 2



Optimum selection band (but not limited to):

Flow: 0.1 – 1.3 Head: 24 – 60



Requested data		
Flow	0	l/s
Head	0	m
Fluid	Water, pure	
Fluid temperature	20	С

Density 998.3 kg/m³
Kinematic viscosity 1.005 mm²/s
Vapor pressure 2.337 kPa

Pump data

Make BOSS
Type BOSS-1 MULTI V 204/EC-1PH 80460165
Design Booster Set
Pumpe type Multi-pump set
Pressure rating PN10
Min. fluid temperature 0 C
Max. fluid temperature 40 C

Hydraulic data (duty point)

 Flow
 0
 I/s

 Head
 0
 m

 Speed
 2900
 1/min

 Shaft power P2
 kW

 NPSH
 m

Materials / Shaft seal

Housing 1.4301
Shaft 1.4301
Impeller 1.4301
Stage chambers 1.4301
Mechanical seal Carbon/ceramic
Unit pipework 1.4301

Suction side 1.25" BSP
Discharge side 1.25" BSP
Weight 40 kg

Electrical Data

Rated power P2 0.75 kW

Nominal speed 2900 1/min

Rated voltage 1~230 V, 50 Hz

Max.current/Min.protection 5.0/16.0 A

Degree of protection IP55

Permitted voltage tolerance +/- 10%

Н	574	H1	75	H2	435	
L	580	L1	485	W	260	Item no. of standard
W1	250					1



BOSS-1 MULTI V 206/EC-1PH 80460176

Customer BSS Project Customer no. Project no. Contact Location Care of Date

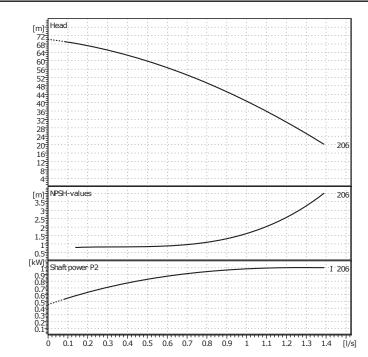
Care of		Date	Page 1 / 2			
I te m	Qty.	Description	Price gr	. Price [GBP]	Price [GBP]	
		BOSS-1 MULTI V 206/EC-1PH 80460176 Description: Fully automatic self contained single pump booster set designed to provide reliable constant pressure water supply. The set is quiet running, making it suitable for use in domestic, commercial and industrial applications. The control system is based on proven electronic technology giving reliability and simple on site adjustment. Accessories: Commissioning 80418398 - First item on site 80418406 - Subsequent items on site 80460357 - BOSS CAVSA Valve Operational Cycle: System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts and will ramp up in speed to match the system demand. The pump will continue to run, varying its speed to match the varying demand of the system. When the system demand reduces to zero, the pump will ramp down until it stops.				
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BOSS-1 MULTI V 206/EC-1PH 80460176

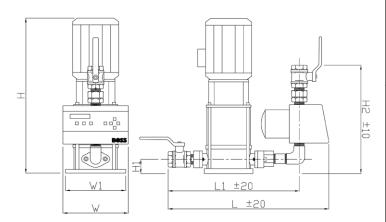
Customer BSS Project
Customer no. Project no.
Contact Position no.
Care of Location

Date Page 2 / 2



Optimum selection band (but not limited to):

Flow: 0.1 - 1.4 Head: 24 - 60



Requested data		
Flow	0	l/s
Head	0	m
Fluid	Water, pure	
Fluid temperature	20	С
Density	998.3	kg/m³
Kinematic viscosity	1.005	$m m^2/s$
Vapor pressure	2.337	kPa

Pump data			
Make	BOSS		
Туре	BOSS-1 MULTI V 206/EC-1PH		
Design	Booster Set		
Pumpe type	Multi-pump set		
Pressure rating	PN10		
Min. fluid temperature	0	С	
Max. fluid temperature	40	С	

Hydraulic data (duty point)		
Flow	0	l/s
Head	0	m
Speed	2900	1/min
Shaft power P2		kW
NPSH		m

Materials / Shaft seal	
Housing	1.4301
Shaft	1.4301
Impeller	1.4301
Stage chambers	1.4301
Mechanical seal	Carbon/ceramic
Unit pipework	1.4301

Suction side	1.25" BSP
Discharge side	1.25" BSP
Weight	⁴⁰ kg

Electrical Data	
Rated nower P2	

UK

Rated power P2 1.1 kW
Nominal speed 2900 1/min
Rated voltage 1~230 V, 50 Hz
Max.current/Min.protection 6.5/16.0 A
Degree of protection 1P55
Permitted voltage tolerance +/- 10%

Н	622	H1	75	H2	435
L	580	L1	485	W	260
W1	250				

Item no. of standard version 29990343



BOSS-1 MULTI V 404/EC-1PH 80460187

Customer BSS Project Customer no. Project no. Contact Location Care of Date

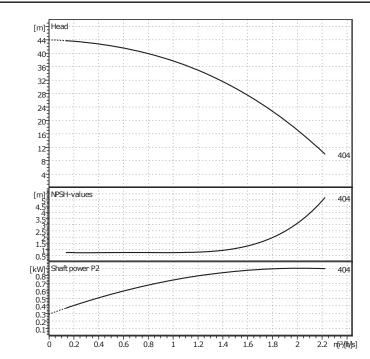
Care of		Date	Page 1 / 2			
I te m	Qty.	Description	Price gr	. Price [GBP]	Price [GBP]	
		BOSS-1 MULTI V 404/EC-1PH 80460187 Description: Fully automatic self contained single pump booster set designed to provide reliable constant pressure water supply. The set is quiet running, making it suitable for use in domestic, commercial and industrial applications. The control system is based on proven electronic technology giving reliability and simple on site adjustment. Accessories: Commissioning 80418398 - First item on site 80418406 - Subsequent items on site 80460357 - BOSS CAVSA Valve Operational Cycle: System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts and will ramp up in speed to match the system demand. The pump will continue to run, varying its speed to match the varying demand of the system. When the system demand reduces to zero, the pump will ramp down until it stops.				
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BOSS-1 MULTI V 404/EC-1PH 80460187

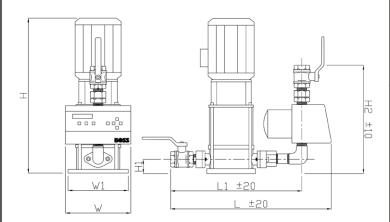
Customer no. Project
Customer no. Project no.
Contact Position no.
Care of Location

Date Page 2 / 2



Optimum selection band (but not limited to):

Flow: 0.2 - 2.1 Head: 16 - 36



Requested data		
Flow	0	l/s
Head	0	m
Fluid	Water, pure	
Fluid temperature	20	С
Density	998.3	kg/m³
Kinematic viscosity	1.005	m m ² /s
Vapor pressure	2.337	kPa

Pump data			
Make	BOSS		
Туре	BOSS-1 MULTI V 404/EC-1PH		
Design	Booster Set		
Pumpe type	Multi-pump set		
Pressure rating	PN10		
Min. fluid temperature	0	С	
Max. fluid temperature	40	С	

Hydraulic data (duty point)		
Flow	0	l/s
Head	0	m
Speed	2900	1/min
Shaft power P2		kW
NPSH		m

Materials / Shaft seal	
Housing	1.4301
Shaft	1.4301
Impeller	1.4301
Stage chambers	1.4301
Mechanical seal	Carbon/ceramic
Unit pipework	1.4301

Suction side	1.25" BSP
Discharge side	1.25" BSP
Weight	42.5 kg

Rated power P2 1.1 kW

Nominal speed 2900 1/min

Rated voltage 1~230 V, 50 Hz

Max.current/Min.protection 6.5/16.0 A

Degree of protection IP55

Permitted voltage tolerance +/- 10%

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l				
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Н	574	H1	75	H2	435		
L	580	L1	485	W	260	Item no. of standard version	29990344
W1	250						



BOSS-1 MULTI V 406/EC-1PH 80460198

Customer BSS Project Customer no. Project no. Contact Location Care of Date

BOSS-1 MULTI V 406/EC-1PH 80460198 Description: Toly automatic self-contained single pump booster set designed to provide reliable constant pressure vater supply. The set is quiet running, making it sturible for use in domestic, commercial and Industrial applications. The control system is based on proven electron technology giving reliability and simple on site adjustment. Accessories: Commissioning 80118398 - First item on site. 80418406 - Subsequent items on site. 80418406 - Subsequ	Cale of		Date	rage 1 / 2			
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Pump: Vertical multi stage design of stainless steel construction, WRAS approved. Motor: Totally enclosed fan cooled (TEFC), IP55, class F, 230 volts, three phase, direct on line (DOL) starting via pipe mounted inverter. IE2 Motor Efficiency Inverter: The pump has a dedicated pipe mounted inverter, giving maximum reliability and flexibility. Pipe Work: 304 stainless steel, sized in accordance with the overall hydraulic performance of the unit. Valves: Nickel-plated brass full flow isolation and non-return valves. Accumulator: 1 x 8 litre MWP 8 bar, WRAS approved c/w through flow shutoff valve for testing and draining. Control Panel: 230V Termination box with protection per pump all mounted on base frame with anti-vibration mounts. Inverter Alarms: Dry running, over-current, high water temp, frost protection, short circuit, over and under voltage. Display: System pressure, set point			System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts and will ramp up in speed to match the system demand. The pump will continue to run, varying its speed to match the varying demand of the system. When the system demand				
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BOSS-1 MULTI V 406/EC-1PH 80460198

BSS Customer Customer no. Contact

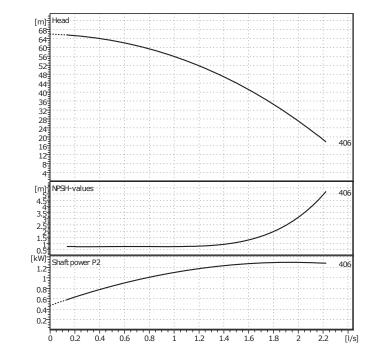
Care of

Project Project no.

Position no. Location

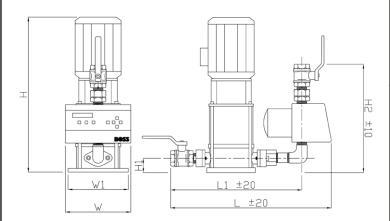
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Page 2 / 2



Optimum selection band (but not limited to):

Flow: 0.2 - 2.1 Head: 28 - 56



Request	ed data
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0 I/s Flow 0 Head m Water, pure Fluid 20 _C Fluid temperature Density 998.3 kg/m³ Kinematic viscosity 1.005 m m ²/s Vapor pressure 2.337 kPa

Pump data

BOSS Make BOSS-1 MULTI V 406/EC-1PH Type Booster Set Design Multi-pump set Pumpe type PN10 Pressure rating Min. fluid temperature 0 C Max. fluid temperature 40 C

Hydraulic data (duty point)

Flow 0 I/s 0 m Head Speed 2900 1/min kW Shaft power P2 **NPSH** m

Materials / Shaft seal

1.4301 Housing Shaft 1.4301 Impeller 1.4301 Stage chambers 1.4301 Mechanical seal Carbon/ceramic Unit pipework 1.4301

1.25" BSP Suction side 1.25" BSP Discharge side 42.5 kg Weight

Electrical Data

1.5 kW Rated power P2 2900 Nominal speed 1/min 1~230 V, 50 Hz Rated voltage 9.0/16.0 A Max.current/Min.protection IP55 Degree of protection

Permitted voltage tolerance +/- 10%

UK

Н	667	H1	75	H2	435	
L	580	L1	485	W	260	
W1	250					_

29990345 Item no. of standard version



BOSS-1 MULTI V 804/EC-1PH 80460206

Customer BSS Project Customer no. Project no. Contact Location Care of Date

Care of		Date	Page 1 / 2			
l te m	Qty.	Description	Price gr	. Price [GBP]	Price [GBP]	
		BOSS-1 MULTI V 804/EC-1PH 80460206 Description: Fully automatic self contained single pump booster set designed to provide reliable constant pressure water supply. The set is quiet running, making it suitable for use in domestic, commercial and industrial applications. The control system is based on proven electronic technology giving reliability and simple on site adjustment. Accessories: Commissioning 80418398 - First item on site 80418406 - Subsequent items on site 80460357 - BOSS CAVSA Valve Operational Cycle: System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts and will ramp up in speed to match the system demand. The pump will continue to run, varying its speed to match the varying demand of the system. When the system demand reduces to zero, the pump will ramp down until it stops.				
		Specification: Pump: Vertical multi stage design of stainless steel construction, WRAS approved. Motor: Totally enclosed fan cooled (TEFC), IP55, class F, 230 volts, three phase, direct on line (DOL) starting via pipe mounted inverter. IE2 Motor Efficiency. Inverter: The pump has a dedicated pipe mounted inverter, giving maximum reliability and flexibility. Pipe Work: 304 stainless steel, sized in accordance with the overall hydraulic performance of the unit. Valves: Nickel-plated brass full flow isolation and non-return valves. Accumulator: 1 x 8 litre MWP 8 bar, WRAS approved c/w through flow shutoff valve for testing and draining. Control Panel: 230V Termination box with protection per pump all mounted on base frame with anti-vibration mounts. Inverter Alarms: Dry running, over-current, high water temp, frost protection, short circuit, over and under voltage. Display: System pressure, set point				

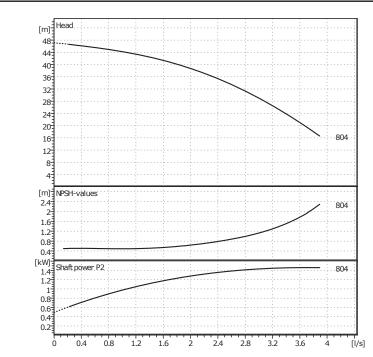


804/EC-1PH 80460206

Customer BSS Project
Customer no. Project no.
Contact Position no.
Care of Location

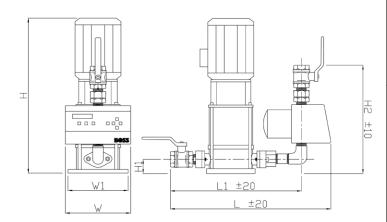
Date

Page 2 / 2



Optimum selection band (but not limited to):

Flow: 0.4 – 3.6 Head: 24 – 40



Requested data		
Flow	0	l/s
Head	0	m
Fluid	Water, pure	
Fluid temperature	20	С
Density	998.3	kg/m³
Kinematic viscosity	1.005	$m m^2/s$
Vapor pressure	2.337	kPa

Pump data			
Make	BOSS		
Type	BOSS-1 MULTI V 804/EC-1PH		
Design	Booster Set		
Pumpe type	Multi-pump set		
Pressure rating	PN10		
Min. fluid temperature	0	С	
Max. fluid temperature	40	С	

Hydraulic data (duty point)		
Flow	0	l/s
Head	0	m
Speed	2900	1/min
Shaft power P2		kW
NPSH		m

Suction side	1.25" BSP
Discharge side	1.25" BSP
Weight	⁴⁵ kg

Rated power P2 1.5 kW

Nominal speed 2900 1/min
Rated voltage 1~230 V, 50 Hz

Max.current/Min.protection 9.0/16.0 A

Degree of protection IP55

Permitted voltage tolerance +/- 10%

Н	682	H1	75	H2	435
L	580	L1	485	W	260
W/1	250				

Item no. of standard version 29990346

UK



BOSS-1 MULTI V 806/EC-1PH 80460217

Customer BSS Project Customer no. Project no. Contact Location Care of Date

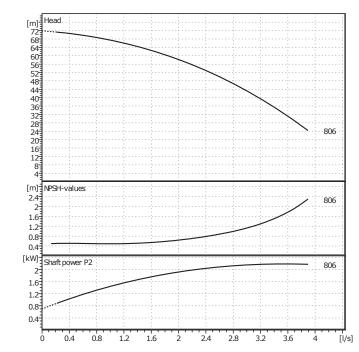
Care of		Date		Pag	je 1 / 2
l te m	Qty.	Description	Price gr	. Price [GBP]	Price [GBP]
		BOSS-1 MULTI V 806/EC-1PH 80460217 Description: Fully automatic self contained single pump booster set designed to provide reliable constant pressure water supply. The set is quiet running, making it suitable for use in domestic, commercial and industrial applications. The control system is based on proven electronic technology giving reliability and simple on site adjustment. Accessories: Commissioning 80418398 - First item on site 80418406 - Subsequent items on site 80460357 - BOSS CAVSA Valve Operational Cycle: System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts and will ramp up in speed to match the system demand. The pump will continue to run, varying its speed to match the varying demand of the system. When the system demand reduces to zero, the pump will ramp down until it stops.			
		Specification: Pump: Vertical multi stage design of stainless steel construction, WRAS approved. Motor: Totally enclosed fan cooled (TEFC), IP55, class F, 230 volts, three phase, direct on line (DOL) starting via pipe mounted inverter. IE2 Motor Efficiency. Inverter: The pump has a dedicated pipe mounted inverter, giving maximum reliability and flexibility. Pipe Work: 304 stainless steel, sized in accordance with the overall hydraulic performance of the unit. Valves: Nickel-plated brass full flow isolation and non-return valves. Accumulator: 1 x 8 litre MWP 8 bar, WRAS approved c/w through flow shutoff valve for testing and draining. Control Panel: 230V Termination box with protection per pump all mounted on base frame with anti-vibration mounts. Inverter Alarms: Dry running, over-current, high water temp, frost protection, short circuit, over and under voltage. Display: System pressure, set point			



BOSS-1 MULTI V 806/EC-1PH 80460217

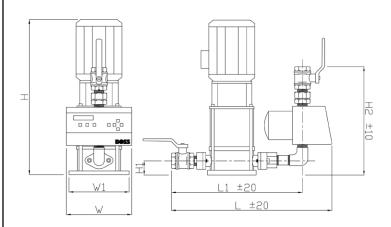
Customer BSS Project
Customer no. Project no.
Contact Position no.
Care of Location

Date Page 2 / 2



Optimum selection band (but not limited to):

Flow: 0.4 - 3.6 Head: 32 - 60



Requested data		
Flow	0	l/s
Head	0	m
Fluid	Water, pure	
Fluid temperature	20	С
Density	998.3	kg/m³
Kinematic viscosity	1.005	$m m^2/s$
Vapor pressure	2.337	kPa

Pumpaata			
Make	BOSS		
Туре	BOSS-1 MULTI V 806/EC-1PH		
Design	Booster Set		
Pumpe type	Multi-pump set		
Pressure rating	PN10		
Min. fluid temperature	0	С	
Max. fluid temperature	40	С	

Hydraulic data (duty point)		
Flow	0	l/s
Head	0	m
Speed	2900	1/min
Shaft power P2		kW
NPSH		m

Materials / Shaft seal	
Housing	1.4301
Shaft	1.4301
Impeller	1.4301
Stage chambers	1.4301
Mechanical seal	Carbon/ceramic
Unit pipework	1.4301

Suction side	1.25" BSP
Discharge side	1.25" BSP
Weight	45 kg

Rated power P2 2.2 kW
Nominal speed 2900 1/min
Rated voltage 1~230 V, 50 Hz
Max.current/Min.protection 13.0/16.0 A
Degree of protection 1P55
Permitted voltage tolerance +/- 10%

Н	742	H1	75	H2	435
L	580	L1	485	W	260
\\\/1	250				

Item no. of standard version 29990347

UK