



Handy quick couplings and accessories

- Greater ease of work
- Ultra light weight
- Easier to close
- Durable
- Safe



What is Handy?

Making your work easier

Installing pipes is manual work. For this reason, we have focused on the handles of the coupling system. Due to the ergonomic design of the Handy couplings, the handles fit comfortably in your hand. In combination with the dimensionally stable hooks, the improved shape also ensures a faster, easier and above all safer connection. The practical handles make lifting and moving the accessories simple and easy.

Ultra-light weight

The smart use of materials ensures a lighter product, without sacrificing strength or quality. As a result, the pipes and couplings are easier to carry and pipes remain better balanced.

Considering its light weight, Handy quick couplings make it easier to bring along extra material and transporting Handy quick couplings will reduce fuel costs.

“ The Handy quick couplings work so much faster than what we are used to ”

Easier to connect

Thanks to the use of the latest manufacturing technologies, the Handy couplings are dimensionally stable and with consistent quality, making them easier to connect. There is less chance of deformation of the material, so that couplings will still have the same perfect fit after many years of service. Further, as the Handy couplings are easier to connect you no longer need to use any extra tools, such as fitting a length of pipe over the handle to increase the torque.



Sustainable

As part of our commitment to Corporate Social Responsibility we have designed the Handy couplings to be fully recyclable. The materials used do not have to be treated further for recycling and no additional chemicals have to be used, ensuring a minimal impact on the environment. The coupling is manufactured within the EU and in accordance with LEAN manufacturing methods. This reduces the need for transport of both raw materials and the finished product by half. By designing the flow meters and valves to be stackable, combined with the low weight of the Handy coupling system, less fuel is required for their transportation, ensuring the most sustainable solution in terms of energy consumption.

Hassle-free connection

The Handy quick couplings and accessories have been designed to deliver the best possible ergonomics. The specially designed handles on couplings, flow meters and valves makes them easy to pick up. Precise manufacturing techniques enable the couplings to be connected quickly and easily. This guarantees both safety and operational reliability.



Art. no.	ø Coupling		Free passage mm	Weight kg
	mm	inch		
39000	100	4	10	5,7
38999	100	4	20	5,6
39001	100	4	40	5,6
39003	100	4	50 x 240	6

Handy strainers

Suction strainers help to avoid blockages in the pump. Handy suction strainers with quick couplings are available with different sized perforations. In addition to perforations, BBA Pumps also supplies suction strainers with bars which enable the free passage to be increased. We can advise you in order to determine the maximum free passage that the suction strainer needs in combination with the right pump for each application.

Features:

- Perfect intake
- Fitted with a handle
- Lifting eye to make cleaning easier

Handy gate valve

The pump capacity and back pressure can be regulated with a hand operated gate valve in the piping system. This way you can quickly close the pipes in no time if the mobile pump has to be disconnected. The hand operated gate valves from BBA Pumps are equipped with quick couplings, a lockable lid and ergonomic handles.



Art. no.	ø Coupling		Weight kg
	mm	inch	
37976	108	4	15,1



Art. no.	ø Coupling		Pressure bar (max)	Weight kg
	mm	inch		
37789	108	4	4	14,1

Handy non-return valve

The BBA Pumps portable non-return valves are designed for mobile use in the field. The Handy is lightweight, low-maintenance and equipped with quick couplings.

Typical applications:

- Wellpoint dewatering, where several pumps are connected to one central discharge pipe
- As an additional non-return valve for sewer bypass work
- For tackling large height differentials and preventing backflow or water hammer

Handy flow meters

For many pump professionals flow measurement is a regular part of their daily work. In some countries it is even mandatory to measure how much water will be pumped from A to B or how much groundwater has been extracted from a certain area.

The Handy flow meters from BBA Pumps are specially designed for use on mobile pump systems. The combination of **light weight**, **carrying handles** and **ergonomic design** makes these water meters ideal for use in the field. Each portable water meter has unique features. Learn more in the overview below or contact us for additional information.

BBA Pumps Handy flow meters are:

- Light weight
- Equipped with lockable lid
- Stackable on top of each other
- Available with personal branding
- Fitted with the “easy lever lock”

Connectivity with the Smart Handy

The electromagnetic Siemens flow meter is available with an integrated module for remote reading. This allows the processing of the measurement data anytime and anywhere, from mobile phone or PC.

Art. no.	Flow meter	ø Coupling		Max. flow m ³ /u	Weight kg
		mm	inch		
37987	Mechanical DWI	108	4	130	16,1
37985	Mechanical DWM	108	4	100	16,5
37991	Electromagnetic Siemens	108	4	250	19,1
39233	Electromagnetic Honeywell	108	4	250	14,6
46400	Ultrasone	108	4	250	20,7





37987

Mechanical DWI

The DWI flow meter works by means of an overhead impeller in the measuring tube. As a result, the passage for dirt particles in the liquid is large, but the measuring tube must be filled for an accurate measurement.

Weight **16,1 kg**

- Accurate measurement ★★★★★
- Free passage ★★★★★
- Air mixture (%) ★★
- Battery life -
- Durability ★★★★★
- Maintenance ★★★★★
- Connectivity -



37985

Mechanical DWM

The DWM flow meter operates by means of a turbine wheel in the measuring tube. As a result, the meter is suitable only for clean water applications where the percentage of air in the medium is sometimes quite high.

Weight **16,5 kg**

- Accurate measurement ★★★★★
- Free passage ★
- Air mixture (%) ★★★★★
- Battery life -
- Durability ★★
- Maintenance ★★
- Connectivity -



37991

Electromagnetic flow meter Siemens

This flow meter provides accurate measurements and is suitable for the most diverse liquids with or without dirt particles. It is optionally available with a wireless communication module for remote reading.

Weight **19,1 kg**

- Accurate measurement ★★★★★★
- Free passage ★★★★★★
- Air mixture (%) ★★★★★
- Battery life ★★★★★
- Durability ★★★★★★
- Maintenance ★★★★★
- Connectivity ★★★★★★



39233

Electromagnetic flow meter Honeywell

The Honeywell digital flow meter makes accurate measurements and is suitable for the most diverse liquids with or without dirt particles. The flow meter has an excellent battery life and ultra-low weight.

Weight **14,6 kg**

- Accurate measurement ★★★★★★
- Free passage ★★★★★
- Air mixture (%) ★★★★★
- Battery life ★★★★★★
- Durability ★★★★★
- Maintenance ★★★★★
- Connectivity ★



46400

Ultrasonic flow meter

An ultrasonic flow meter provides excellent value for money. The measurement accuracy is good when there is no air in the medium. The free passage is large as there are no obstacles in the measuring tube.

Weight **20,7 kg**

- Accurate measurement ★★★★★
- Free passage ★★★★★
- Air mixture (%) ★★
- Battery life ★★
- Durability ★★
- Maintenance ★★★★★
- Connectivity ★

Handy quick couplings and accessories

BBA Pumps' Handy quick couplings are used for water-transport piping systems of mobile pumps. The purpose of Handy quick couplings is to instantly connect pipes and hoses to form a complete and watertight pipe system.

Discharge pipes HDPE with Handy quick couplings and clamps



Art. no.	ø Pipe		Length m	Pressure bar (max)	Weight kg
	mm	inch			
1053004	110 x 5,3	4	5	6	13,1
1053000	110 x 5,3	4	5,8	6	14,2

Header pipes HDPE with Handy quick couplings



Art. no.	ø Pipe		ø Coupling		Length m	Weight kg
	mm	inch	mm	m		
1063008	110 x 6,2	4	2 x 51	5,8	15,2	
1063003	110 x 6,2	4	3 x 51	5,8	15,9	
1063004	110 x 6,2	4	4 x 51	5,8	16,5	
1063023	110 x 6,2	4	2 x 57	5,8	15,5	
1063000	110 x 6,2	4	3 x 57	5,8	16,3	
1063009	110 x 6,2	4	4 x 57	5,8	17,0	
1063005	110 x 6,2	4	5 x 57	5,8	17,8	

Suction / delivery hoses BBA Flex with Handy quick couplings and clamps



Art. no.	Size	ø Connection		Length m	Pressure bar (max)	Weight kg
	mm	inch	inch			
7013002	100	4	4	3	3	12,6
7013003	100	4	4	4	3	15,4
7013004	100	4	4	5	3	18,3

Transport- and storage racks for pipes and hoses



Art. no.	Description	Dimensions		Weight kg
		L x W x H in mm		
28305	Pipe rack	4750 x 1031 x 1039		425
23806	Hose rack	2260 x 1031 x 1039		262

Flat hose vinyl with Handy quick couplings and clamps



Art. no.	ø		Length m	Pressure bar (max)	Weight kg
	mm	inch			
7023000	100	4	25	6	18,8

Connection female (cup / lever) Handy quick coupling



Art. no.	∅ Spigot		Weight	Use
	mm	inch		
36863	100	4	2,3	Hoses

Elbow 90° with Handy quick couplings



Art. no.	∅ Coupling		Weight
	mm	inch	
37936	108	4	3,4

T-pieces with Handy quick couplings



Art. no.	∅ Coupling		Weight	
	mm	inch		
37939	100	4	5,6	2x Female
37940	100	4	4,4	2x Male

Reduction pieces with Handy quick couplings



Art. no.	∅ Coupling		Weight	
	mm	inch		
38905	150 x 100	6 x 4	9,0	Female
38908	150 x 100	6 x 4	3,9	Male

Reduction pieces with Handy quick couplings



Art. no.	∅ Coupling		Weight	
	mm	inch		
38907	150 x 108	6 x 4	7,4	Female x Male
38906	150 x 108	6 x 4	5,5	Male x Female

Reversing pieces with Handy quick couplings



Art. no.	∅		Weight
	mm	inch	
37946	100	4	5,3
37947	100	4	2,0

Settlement tank 10-23

Settlement tanks optimize the pump system during wellpointing projects. Aside from catching and separating sand that gets pumped together with groundwater, a BBA settlement tank also functions as deaerator.



Art. No.	∅ Connection inch	Max. capacity m ³ /h	L x W x H mm	Weight kg
SC-03	4 or 6	180	2270 x 1050 x 1327	560



Flow meter

The settlement tank comes prepared for an optional installation of a 4 inch Handy flow meter.



Safety

The settlement tank comes standard with composite grating to prevent accidents.



Branding

A flat panel on both sides provides space for your own branding and contact information.



Stackable

The settlement tank is stackable, even on PT wellpointing pumps.