

Grundfos CR connections

A world of possibilities

In order for the pump to be integrated properly into the system, connections are needed. However, different installations around the world require different types of connections – this is what our customers have taught us throughout the years. Therefore, Grundfos has developed a whole range of special connection variants for the different pump sizes which comply with world-wide standards such as DIN, JIS and ANSI meaning that the Grundfos CR pumps can be connected to any system around the world. For small and medium sized CR pumps a special all-in-one flange is standard and for large CR-pumps loose flanges are used, making it easy to swift from one flange standard to another.

Furthermore, Grundfos has developed a special pump base, the Flexi Clamp, which is a flexible connection available for small and medium CRI/N pumps. The special pump base makes it possible to mount different types of connections on the same pump type: DIN/JIS/ANSI flanges, Clamp, oval flanges with internal thread and union type +GF+.

The Grundfos connection range includes pipe connections for P/E coupling, DIN flanges, union connections and clamp couplings. All connections can be supplied in high-grade stainless steel or other materials depending on the specific installation. Just ask!



- **Internal thread (BS)** (CR oval flange)
- **DIN/JIS/ANSI flange** (CR flange)
- **Victaulic coupling** (CRI, CRN PJE)
- **DIN/JIS/ANSI flange** (CRI/CRN flange)
- **Compact clamp system**
- **Internal thread (BS)** (CRI/CRN oval flange)
- **Pharmaceutical/food industries** (CRN TriClamp)
- **External thread (+GF+)** (CRI/CRN union)
- **Victaulic coupling, all titanium** (CRT PJE)
- **Customer specified solution** (Custom connection)



Pipe connections on CR pumps

Type	Oval	DIN *1	JIS *1	ANSI *1	PJE	Flexi Clamp	TriClamp DIN 32676	Union DIN 11851	Union	Customer Specified
CR 1s, 1, 3, 5	Yes	Yes	Yes	Yes	No	No	No	No	No	No
CRI 1s, 1, 3, 5	By use of flexi clamp base *2	Yes	Yes	Yes	Yes	Yes	No	No	By use of flexi clamp base	On request
CRN 1s, 1, 3, 5	By use of flexi clamp base *2	Yes	Yes	Yes	Yes	Yes	On request	By use of flexi clamp base	By use of flexi clamp base	On request
CR 10, 15, 20	Standard	Yes	Yes	Yes	No	No	No	No	No	No
CRI 10, 15, 20	By use of flexi clamp base *2	Yes	Yes	Yes	Yes	Yes	No	No	By use of flexi clamp base	On request
CRN 10, 15, 20	By use of flexi clamp base *2	Yes	Yes	Yes	Yes	Yes	On request	By use of flexi clamp base	By use of flexi clamp base	On request
CR 32, 45, 64, 90	No	Yes	Yes	Yes	No	No	No	No	No	No
CRN 32, 45, 64, 90	No	Yes	Yes	Yes	On request	No	No	No	No	No
CRT 2, 4, 8, 16	No	Yes *3	Yes *3	Yes *3	Yes	No	No	No	No	On request

*1 Flange rings are available in cast iron and stainless steel

*2 Oval flanges are available in cast iron and stainless steel

*3 Flange rings are made of stainless steel. The parts in contact with the pumped media are made of Titanium

Custom-built solutions

The comprehensive standard Grundfos CR programme covers a wide range of pumps, for a wide range of different industrial applications. Besides, Grundfos designs custom-built pump solutions; acknowledging that sometimes it does not take more, than a little extra effort, to come up with the right solution. With a custom-built pump solution from Grundfos, your pump is capable of handling even higher pressures, more aggressive liquids, excessive liquid temperatures etc.

Worldwide pump supplier

Being a worldwide pump supplier, Grundfos has committed itself to provide its clients with a global, reliable and efficient service network. Our experienced team of service technicians are always ready to serve you wherever you are in the world and – of course – at a short notice.