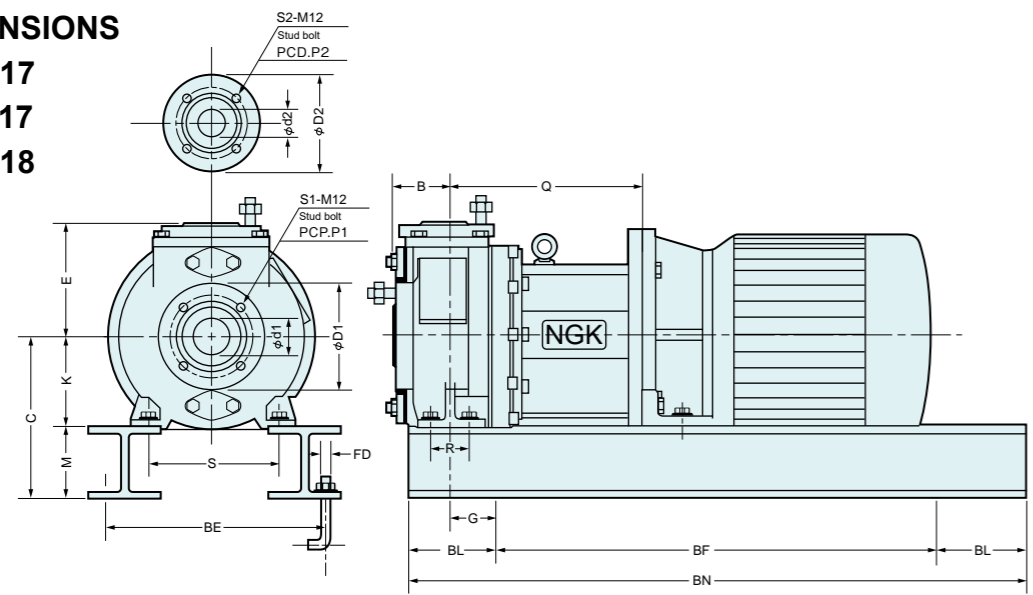




NGK CERAMIC MAGNET DRIVE PUMP

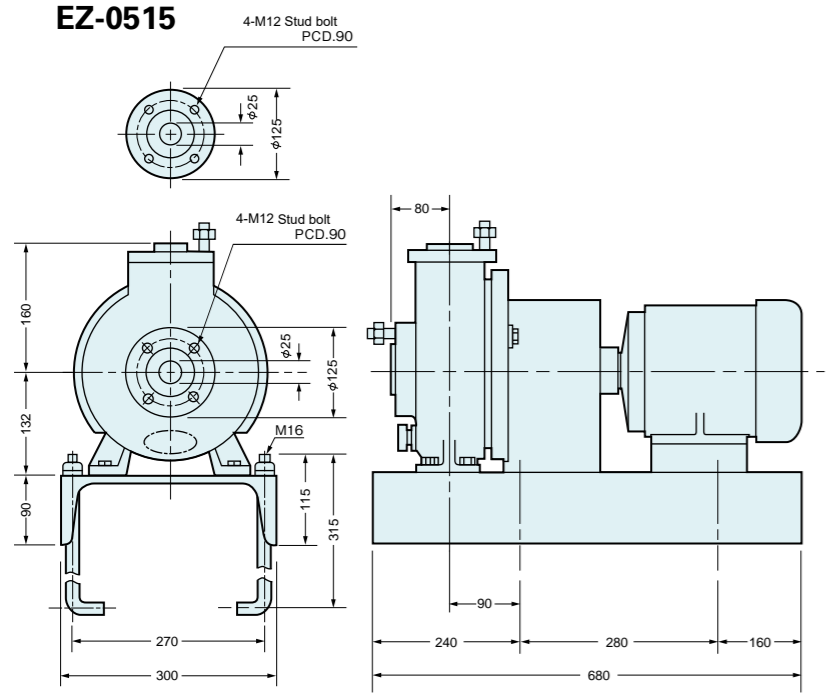
DIMENSIONS

EZ-0817
EZ-1017
EZ-1618



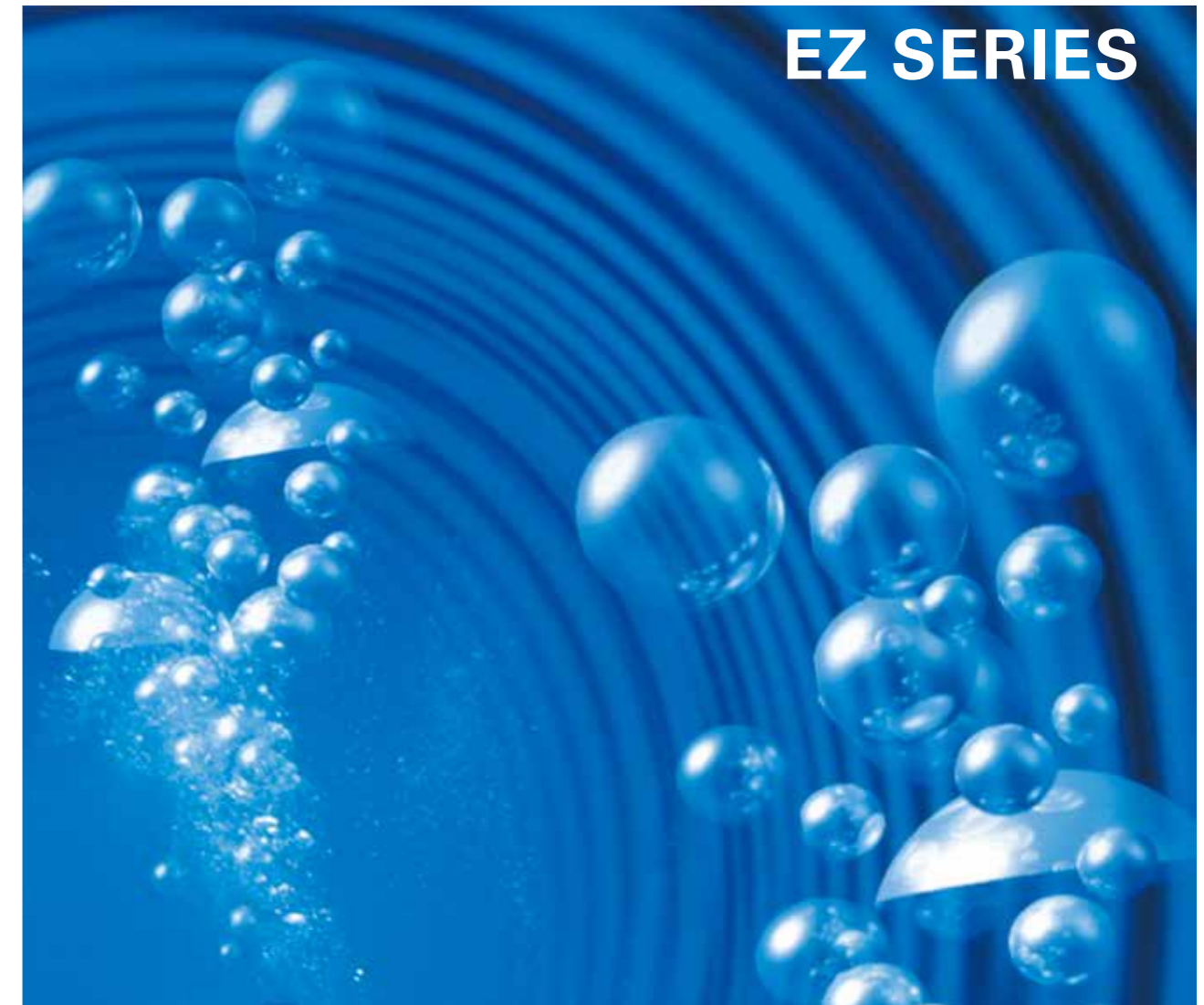
Type	B	Q	K	E	M	C	S	R	G	d1	D1	S1	P1	d2	D2	S2	P2	BL	BF	BN	BE	FD
EZ-0817	80	264	132	160	100	232	190	70	80	40	140	4	105	25	125	4	90	150	600	900	310	M16
EZ-1017	80	290	132	160	100	232	190	70	80	50	155	4	120	40	140	4	105	150	600	900	310	M16
EZ-1618	100	306	160	180	100	260	212	70	80	80	185	8	150	50	150	4	120	150	600	900	332	M16

EZ-0515



Important notes

- (1) The properties, service range, applications, dimensions, shapes, materials, and other specifications listed in this catalog are representative or standard specifications. Due to the conditions of use or other factor, the selected specifications of the actual product may differ from those listed in the catalog. For details, please contact the nearest sales office.
- (2) In order to ensure safe and correct use of the product, be sure to carefully read the instruction manual and other materials issued by NGK and correctly understand the product characteristics before performing product installation, maintenance, and inspection.
- (3) The information in this catalog may be changed without notice.



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Osaka Sales Office	Midosuji Mitsui Bldg. 11F, 4-1-3, Bingomachi, Chuo-ku, Osaka 541-0051	Tel. (81) 6-6206-5810	Fax. (81) 6-6206-5809
Tokuyama Branch Office	Tokuyama Asahiseimei Bldg. 3F, 2-18, Miyukidori, Shunan-city, Yamaguchi 745-0034	Tel. (81) 834-22-9851	Fax. (81) 834-22-9853

CERAMIC PRODUCTS

The EZ series of ceramic pumps are the words first Highly anti-corrosive zero leak pump.

(Conforms to ISO2858 pump standard)

NGK CERAMIC MAGNET DRIVE PUMP



CHARACTERISTICS

Excellent sealing performance

This centrifugal pump has no shaft seal, making it ideal for pumping liquids where external leakage is unacceptable.

Excellent corrosion resistance

Since the wetted parts are made of ceramics, they have excellent corrosion resistance to most chemicals and do not elute ions. Furthermore, there will be no permeation and organic solvents will not deform its body.

Excellent performance

The can, rotor cover, and other important parts being made of fine ceramics (partially stabilized zirconia), it can be used at temperatures up to 140°C and pressures up to 11kg/cm². In addition, the use of ceramic cans eliminates overcurrent heat loss due to the rotating magnetic field and improves efficiency by 7-10%. (Compared to metal cans)

Excellent performance

The can, rotor cover, and other important parts being made of fine ceramics (partially stabilized zirconia), it can be used at temperatures up to 140°C and pressures up to 11kg/cm². In addition, the use of ceramic cans eliminates overcurrent heat loss due to the rotating magnetic field and improves efficiency by 7-10%. (Compared to metal cans)

Excellent performance with slurry media

The hardness of ceramics and the unique flushing structure of the bearing allows slurry to be transferred.

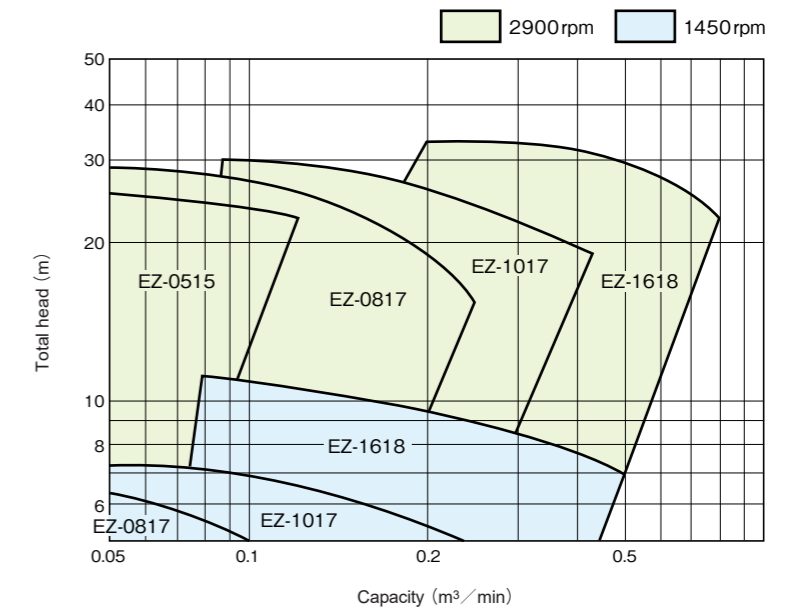
Caution

This product is among the restricted product types listed in Appended Table 1 of the Export Trade Control Order. Export requires export permission based on the Foreign Exchange and Foreign Trade Act and other relevant laws.

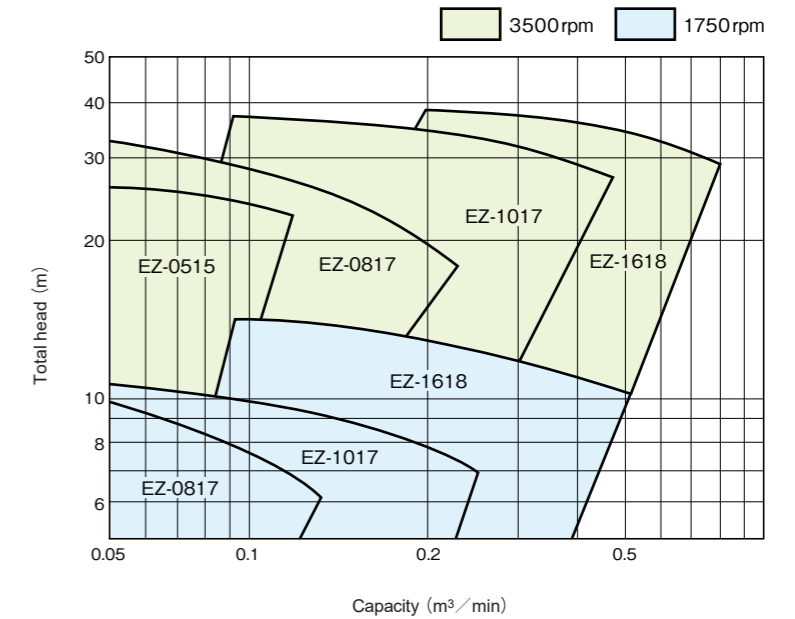
PUMP PERFORMANCE

COMPOSITE PERFORMANCE CURVES

50Hz area



60Hz area

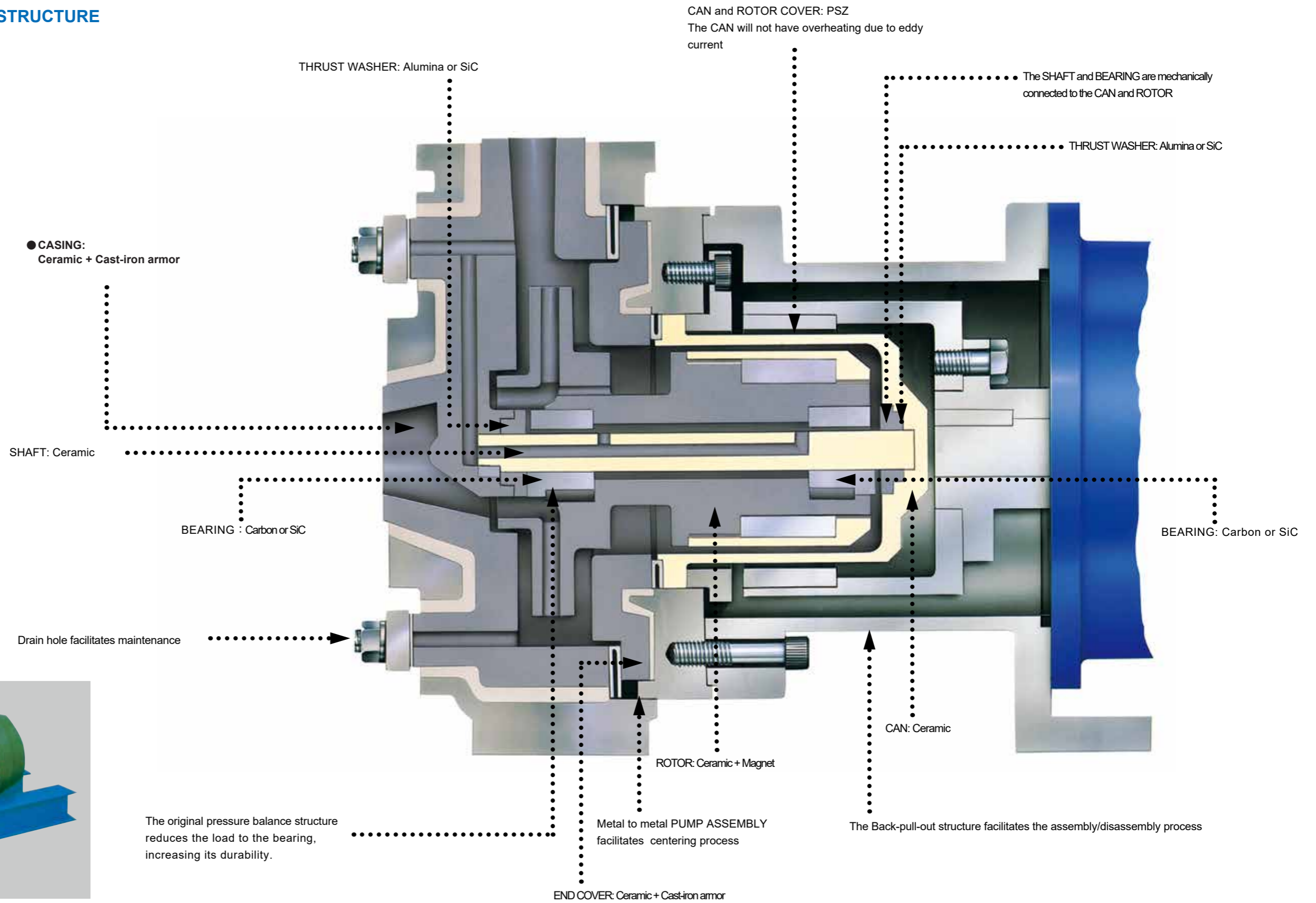


Temperature range: -10 to 120°C

The heat resistance temperature varies depending on the liquid properties. Please consult with us regarding use at temperatures below -10°C or above 120°C.

EZ-0817, EZ-1017, EZ-1618

■ STRUCTURE



EZ-0515

EZ-0515 series

The Mini-anti-corrosive zero leak pump



STRUCTURE

