



A Polyhydron Group Company

EXTENSION BRACKET ASSEMBLY Model : EB***01

Ref. No. D 09090
Release 12 / 2025

ENGINEERING - 1 of 2

Description

The extension bracket series 'EB' are designed for coupling low pressure hydraulic pump having flanges as per ISO standard to Polyhydron make high pressure pumps (1R, 2R, 11R and 12R series)

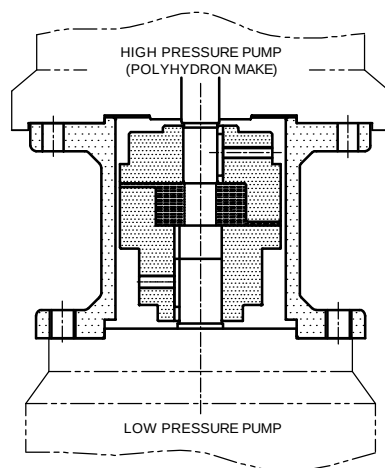
These Extension brackets are precisely machined to reduce misalignment of coupling shaft.

The correct alignment of the shaft along with the cushioned power transmission through a resilient spider increases the life of the bearing of the Hi-Low Pressure pump coupled.

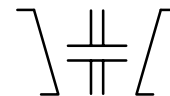
The construction also reduces the noise generation considerably.



Section



Hydraulic symbol



Technical specifications

Construction	:	Partially enclosed cast iron housing with flexible coupling.
Mounting / Standard	:	Flange mounting, factory standard.
Mounting position	:	Axis of the assembly can be mounted in any direction.
High pr. pump mounting flange	:	factory standard.
Low pr. pump mounting flange	:	As per IS 2223 / IEC 72-2
Flexible coupling	:	Spider type.
Working temp	:	-20°C to +80°C.
Weight	:	Refer table.

polyhydron pvt. ltd.

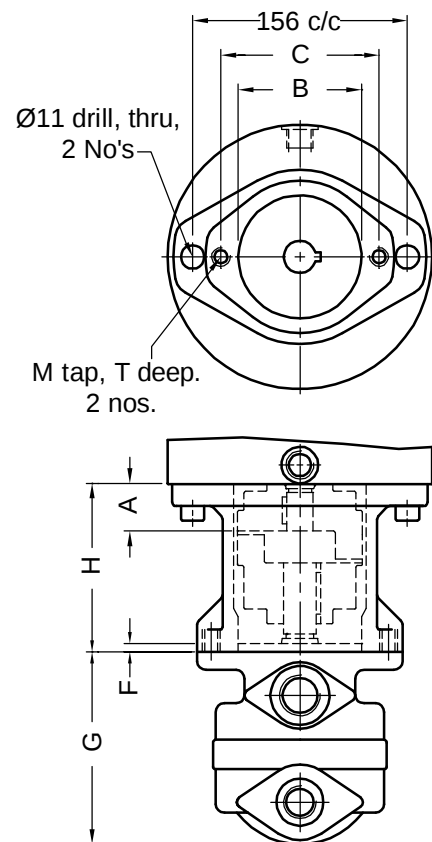
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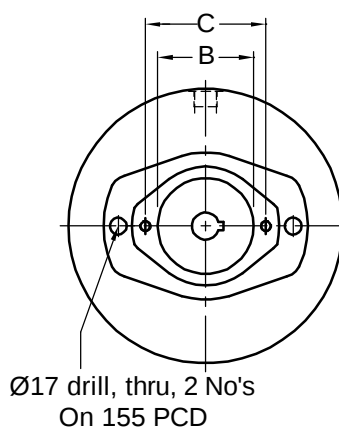
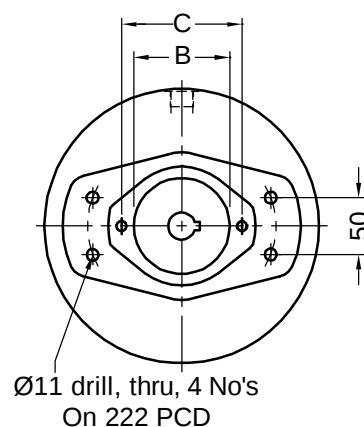


Unit dimensions

FOR 1RE / 2RE PUMPS

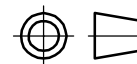


FOR 11RE / 12RE PUMPS

FOR 11RE / 12RE
9 ELEMENT PUMPS

Unit dimensions

Dimensions in mm.



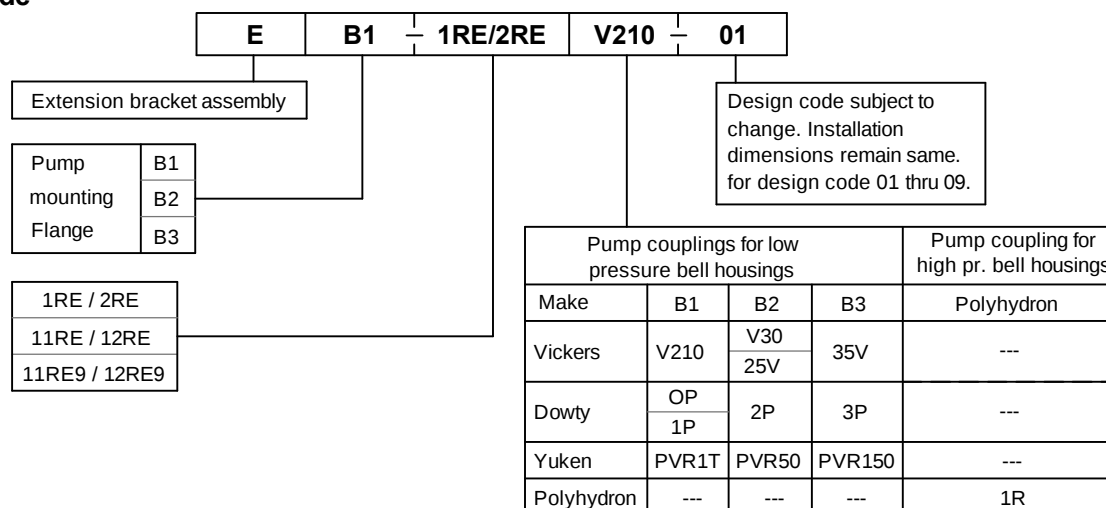
Model	Pump mounting flange	Weight kg (approx)	B	C	F	H	M	T	A
1RE / 2RE	B1	6	82.6	106.4	30	120	M10	15	32
	B2	6	101.6	146	10	114	M12	18	32
	B3	7.5	127	181	14	138	M16	20	32
11RE/12RE 11RE9/12RE9	B1	8	82.6	106.4	30	136	M10	15	40
	B2	9	101.6	146	10	130	M12	18	40
	B3	11	127	181	14	154	M16	20	40
* 1RE / 2RE	1R	6	60	80	10	118	M8	30	32
* 11RE / 12RE	1R	7.5	60	80	10	134	M8	30	40
* 11RE9/12RE9	1R	9	60	80	10	134	M8	30	40

Note :

For dimension 'G' please refer pump manufacturers catalogue. Flexible coupling can be supplied with a bore and key way machined coupling half, to suit a specific brand and model of the pump, against specific request.

* Bracket for coupling high pr. polyhydon pump to high pr. Polyhydon pump.

Ordering code



Note :

Customer has to specify the model code and the make of the pump.
For eg. : V210 Vickers