



BELL HOUSING ASSEMBLY 1500BH**10

Ref. No. P 06634
Release 12/2025
ENGINEERING - 1 of 2

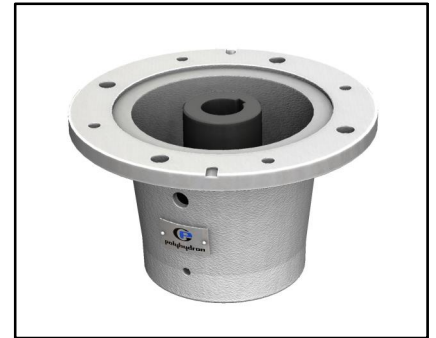
A Polyhydron Group Company

Description

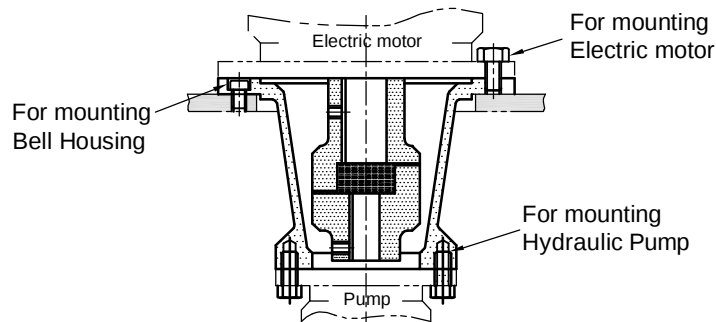
The bell housing series BH are designed for coupling hydraulic pumps having ISO flanges to electric motor having metric flange.

These bell housings are precisely machined to reduce misalignment of coupled shafts. The correct alignment of shaft along with a cushioned power transmitted through a resilient spider increase the life of the bearings of the pump/motor coupled.

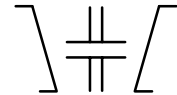
The construction also reduces the vibration and noise generation considerably.



Section

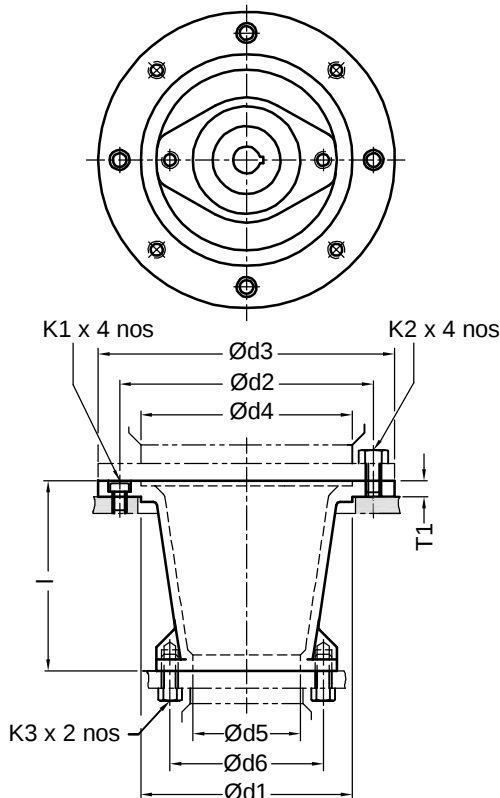
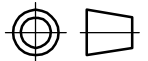


Hydraulic Symbol



Unit dimensions

Dimensions in mm.



Pump mtg. flange.	Electric motor hp.	Ød1	Ød2	Ød3	Ød4	Ød5	Ød6	I	T1	K1	K2	K3
B1 flange	1-2	130	165	200	130	82.6	106.2	135	16	M10	M10	M10
	3-5	180	215	250	180			145	16	M10	M12	M10
	7.5-10	230	265	300	230			170	16	M10	M12	M10
	12.5-30	250	300	350	250			210	20	M12	M16	M10
B2 flange	1-2	130	165	200	130	101.6	146	145	16	M10	M10	M12
	3-5	180	215	250	180			145	16	M10	M12	M12
	7.5-10	230	265	300	230			175	16	M10	M12	M12
	12.5-30	250	300	350	250			210	20	M12	M16	M12
B3 flange	1-2	—	—	—	—	127	181	—	—	—	—	—
	3-5	180	215	250	180			175	16	M10	M12	M16
	7.5-10	230	265	300	230			195	16	M10	M12	M16
	12.5-30	250	300	350	250			225	20	M12	M16	M16

polyhydron pvt. ltd.

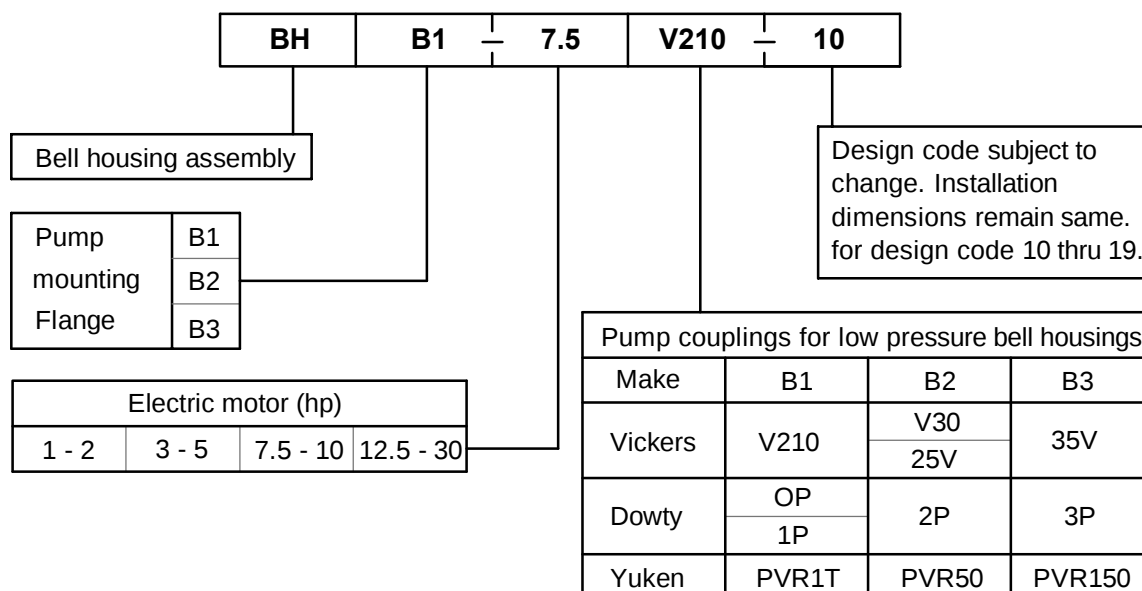
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**Technical specification**

Construction	-	Partially enclosed cast iron housing with flexible coupling
Mounting style	-	Flange mounting, factory standard.
Mounting position	-	No limitations.
Pump mounting flange		As per ISO 3019/1-1975(E)
Motor mounting flange		As per IS 2223/IEC 72-2
Flexible coupling	-	Spider type.
Working temperature	-	-20° to +80°C
Weight approx (kg.)	-	

HP	1 - 2	3 - 5	7.5 - 10	12.5 - 15
B1	6	7	9	14
B2	7	8	10	15
B3	8.5	10	11.5	19

Ordering code**Note :**

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

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Subject to change without notice.

Due to continuous improvement in the design of the product, the actual product supplied may look different than shown above.

For critical applications, please ask for certified installation drawing.

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Subject to revision