

HYDRO CONNECT

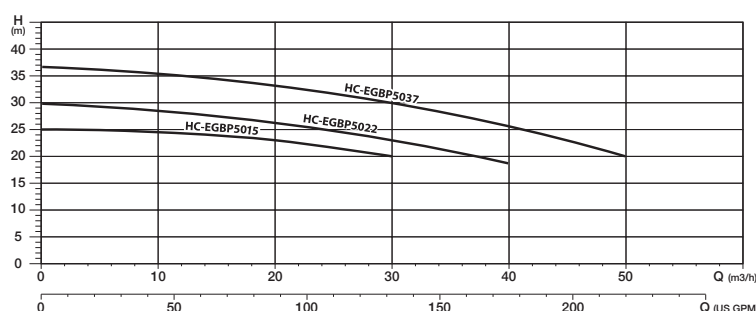
50Hz END GUN BOOSTER PUMP

Vertical Mount TEFC IP56 IE2

HC-EGBP 65 x 50 Flanged, NPT or BSP

Key Points:

- Automatic reset thermal overload on all 3 sizes.
- Stainless Steel Cover and all fixtures
- Specific Vertical Mount Electric Motor design
- Fit into existing pipework and orientation
- Seal flush to reduce air locking.
- Engineered Stainless Steel volute and impeller
- IE2 and IP56 Motor
- Twin lifting eyes for ease of installation.
- NPT, BSP and mounting kit options
- Minimum Energy Performance Standards (MEPS) Approved
- Simple electrical connection
- Pre-fitted cable gland



50Hz End Gun Booster Pump - Vertical Mount TEFC IP56 IE2



Code	Description	Kg/Box
HC-EGBP5015	1.5kW 50Hz End Gun Booster Pump - Flanged	37
HC-EGBP5022	2.2kW 50Hz End Gun Booster Pump - Flanged	37
HC-EGBP5037	3.7kW 50Hz End Gun Booster Pump - Flanged	39

Note: Hydro Connect Booster Pumps are available flanged, with companion flanges in NPT or BSP, or including a flanged mount kit. Nominate the desired connection by selecting the code suffix below. i.e. HC-EGBP5022MK250 includes 2 1/2" x 2" ANSI/DIN flanged mount kit.

End Gun Booster Pump Connection Suffix

Code	Description
	Without companion flanges or mount kit - leave blank
N	NPT Companion Flanges 2 1/2" x 2"
B	BSP Companion Flanges 2 1/2" x 2"
NB	NPT Suction BSP Delivery Companion Flanges 2 1/2" x 2"

End Gun Booster Pump Mount Kit Suffix

Code	Description
MK200	Mount Kit 2" x 2" ANSI/DIN
MK250	Mount Kit 2 1/2" x 2" ANSI/DIN

Note: For Hydro Connect HC-EGBP spare part kits refer to the Spare Parts Pricelist on the Nelson Australia website.



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50Hz END GUN BOOSTER PUMP

Flow Data & EGBP Valve

END GUN NOZZLE FLOW			BOOST PRESSURE & CURRENT DRAW								
			HC-EGBP5015			HC-EGBP5022			HC-EGBP5037		
m3/hr	LPS	US GPM	M	PSI	Amps @415 V	M	PSI	Amps @415 V	M	PSI	Amps @415 V
0.0	0.0	0	24.8	35	3.1	29.7	42	3.6	36.6	52	4.1
5.0	1.4	22	24.7	35	3.4	29.1	42	4.1	35.8	51	4.6
10.0	2.8	44	24.2	35	3.7	28.4	41	4.4	35.0	50	5.1
15.0	4.2	66	23.7	34	4.1	27.5	39	4.8	34.1	49	5.8
20.0	5.6	88	22.8	33	4.4	26.4	38	5.2	33.0	47	6.4
25.0	6.9	110	21.5	31	4.7	25.0	36	5.6	31.6	45	6.9
30.0	8.3	132	19.8	28	4.9	23.2	33	5.9	30.2	43	7.3
35.0	9.7	154	-	-	-	21.2	30	6.1	28.1	40	7.7
40.0	11.1	175	-	-	-	18.7	27	6.2	26.1	37	8.1
45.0	12.5	197	-	-	-	-	-	-	23.6	34	8.2
50.0	13.9	219	-	-	-	-	-	-	19.8	28	8.3

SUGGESTED MAX END GUN NOZZLE	0.6" 15.2mm	0.8" 20.3mm	1" 25.4mm
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EGBP-800P 2" (50mm) End Gun Valve

Code	Description
13410	HC-EGBP800P End Gun Valve, with stud kit



EGBP-1000P 2" (50mm) End Gun Valve

Code	Description
13411	HC-EGBP1000P End Gun Valve, with stud kit

Included with Pivot End Gun Valve:

5/8" Stud Kit - 4 x Studs and 8 x nuts, Upstream tube fitting for Pressure Switch connection, 9800-100 Rubber Drain and 10752 Ball Drain/Vent. Solenoid at tower - Not Included



The EGBP-Valve fits between the pump discharge flange and the stainless steel companion flange. The companion flanges are included with the HC-EGBP.



9800-100
Downstream - to drain gun.



10752
Upstream - to release air.

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