

NEW HIGH-PERFORMANCE GEAR POWERPACK FOR CONTINUOUS USE.

THE PRODUCT

- Three-phase brushless electric motor (robust design)
- Internal or external gear pump
- Suitable for demanding and harsh environments
- Rated voltage: 12, 24, 48, 96 VDC
- Designed for continuous operation
- Can be immersed in the oil tank (excluding controller)
- Extremely compact and lightweight
- High overall efficiency
- Designed for mobile applications
- Low acoustic signature
- Control: Analog or CANopen
- Modular and adaptable electro-pump unit

TECHNICAL CHARACTERISTICS AND PERFORMANCES

Internal gear pump side						Motor side	
Displ.	Max flow rate	Max. continuous pressure	Max. pressure at peak	Min. rotation speed	Max. rotation speed	Power supply ²	Max. intensity
cc/rev	l/min	bar	bar	rpm	rpm	Vdc (DC)	A (DC)
EGP3.6	12.7	330	345	400	3600	24	230
EGP5.2	18.3	330	345	400	3600	24	453
EGP6.4	22.6	330	345	400	3600	48	230
EGP8.2	28.9	330	345	400	3600	48	327
EGP10.2	36	330	345	400	3600	48	402

External gear pump side						Motor side	
Displ.	Max flow rate	Max. continuous pressure	Max. pressure at peak	Min. rotation speed	Max. rotation speed	Power supply ²	Max. intensity
cc/rev	l/min	bar	bar	rpm	rpm	Vdc (DC)	A (DC)
EGP3.07	10,8	240	280	400	7000	24	248
EGP4.65	15,9	240	280	400	3500	24	369
EGP6.45	22,1	240	280	400	3500	48	256
EGP8.25	28,3	240	280	400	3500	48	327
EGP10.12	34,7	240	280	400	3500	48	402

These data are preliminary and provided for informational purposes.

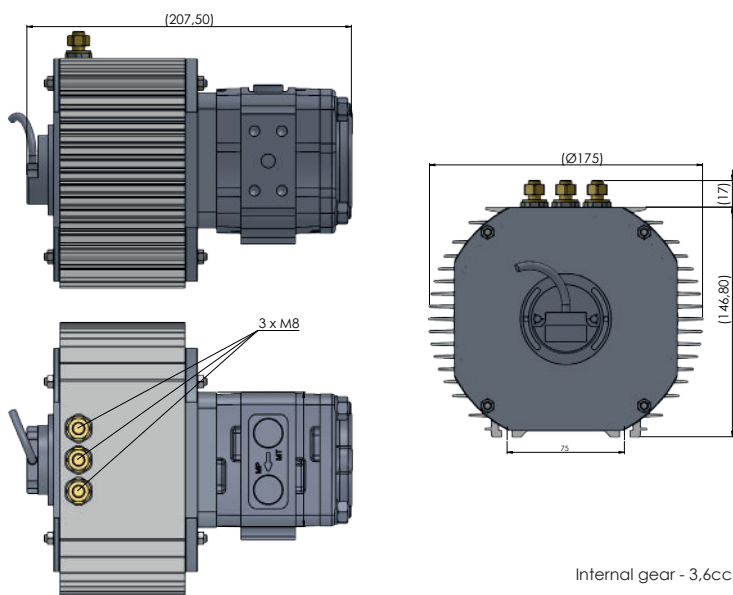
Recommended voltages (can be adjusted depending on usage: 12, 24, 48, 96).

AVAILABLE OPTIONS

- Speed adjustment via potentiometer
- Custom programming
- Extended operating range

DIMENSIONS OF THE EGP [IN MM]

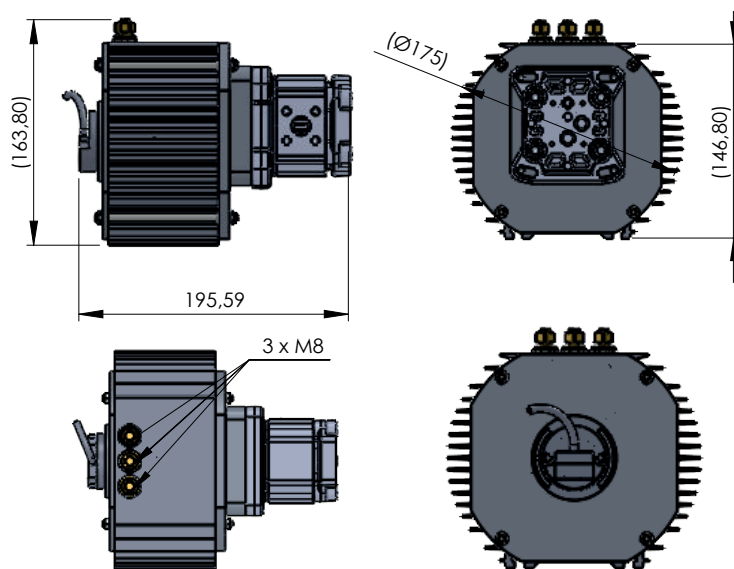
INTERNAL PUMP



Internal gear - 3,6cc.

Dimensions in mm [inches] are provided for reference purposes.

EXTERNAL PUMP

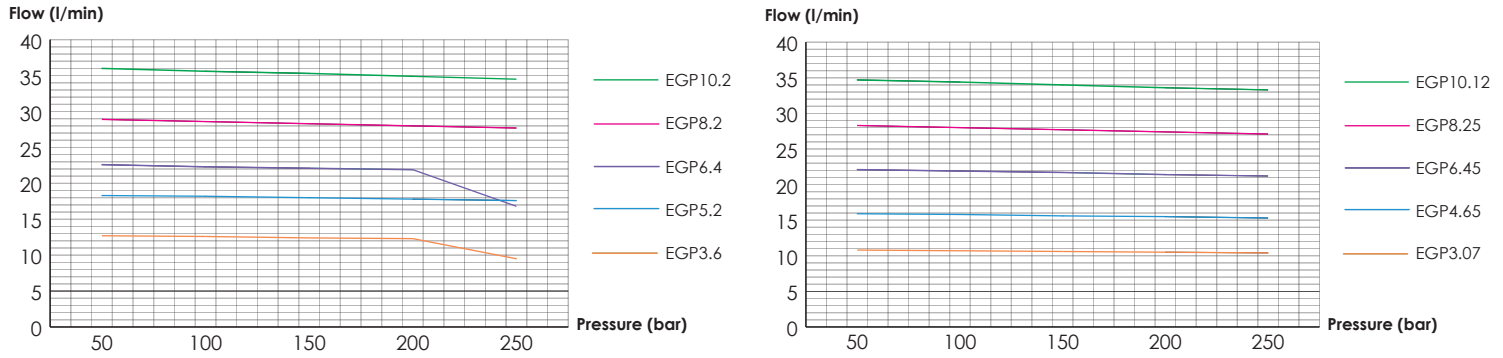


External gear - 3,07cc.

Dimensions in mm [inches] are provided for reference purposes.



HYDRAULIC PERFORMANCE

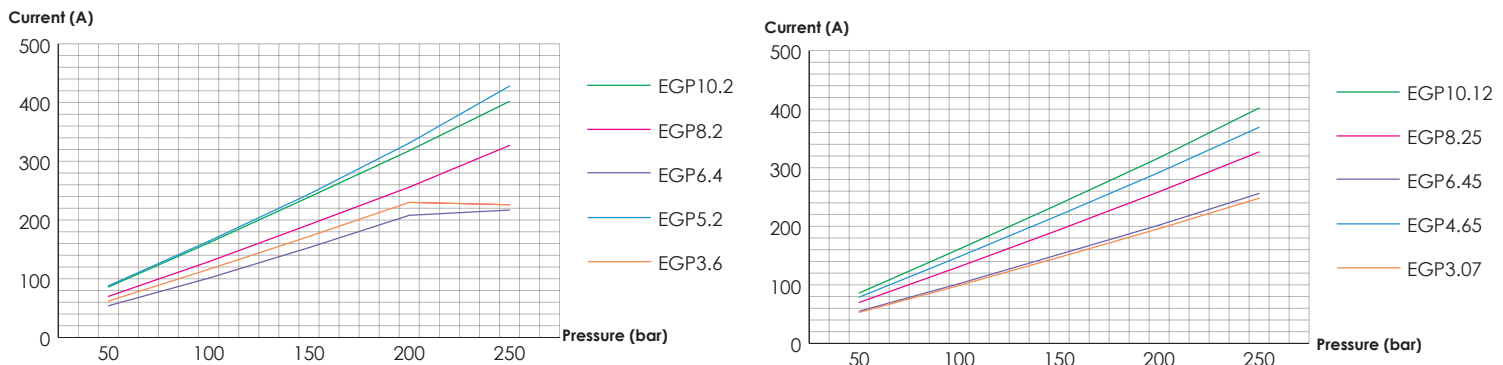


FLOW

Pressure (bar)	50	100	150	200	250
EGP3.6	12,7	12,6	12,4	12,3	9,5
EGP5.2	18,3	18,2	18	17,8	17,6
EGP6.4	22,6	22,3	22,1	21,9	16,8
EGP8.2	28,9	28,6	28,3	28	27,7
EGP10.2	36,0	35,6	35,3	34,9	34,5

Pressure (bar)	50	100	150	200	250
EGP3.07	10,8	10,7	10,6	10,5	10,4
EGP4.65	15,9	15,8	15,6	15,5	15,3
EGP6.45	22,1	21,9	21,7	21,4	21,2
EGP8.25	28,3	28,0	27,7	27,4	27,1
EGP10.12	34,7	34,4	34,0	33,6	33,3

ELECTRICAL PERFORMANCE



CURRENT

Pressure (bar)	50	100	150	200	250
EGP3.6	62	116	172	230	226
EGP5.2	88	164	244	331	428
EGP6.4	54	101	153	208	217
EGP8.2	70	129	192	256	327
EGP10.2	86	161	239	318	402

Pressure (bar)	50	100	150	200	250
EGP3.07	53	99	147	196	248
EGP4.65	79	148	219	292	369
EGP6.45	55	102	152	202	256
EGP8.25	70	131	194	259	327
EGP10.12	86	161	238	317	402

APPLICATION



For further information, feel free to contact our Customer Service.

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