



# Gearbox Motorpump Specifications Sheet

Motor pump units are designed to handle non-aggressive chemical and petrochemical fluids and to be installed in classified areas (with explosion or fire hazard), unless the customer requests special constructions for specific uses.

Common applications for a motor pump unit are:

- Liquid transfer in terminal and bulk plants;
- High flow dispensers;
- Combined pumping and metering systems;
- Mobile pumping units.

The equipment essentially consists of the following components:

- Positive displacement rotary vane pump with mechanical seal and built-in adjustable by-pass valve;
- Electric motor sized according to the specific equipment use;
- Reduction unit or belts and pulleys;
- Safety casing;
- Support base.



## Drive style

### Gearbox

Suitable for high torque values at pump shaft, very low speed	Recommended for heavy duty applications and with medium-high viscosity products
---	---

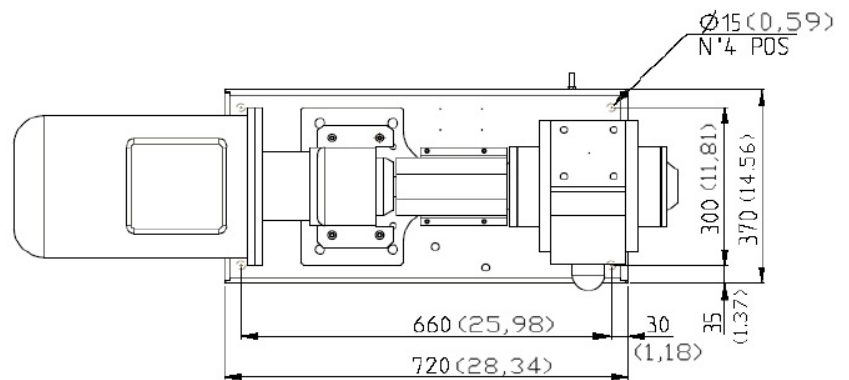
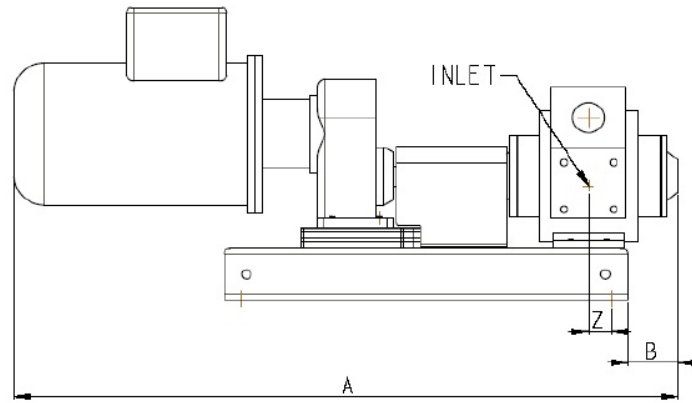
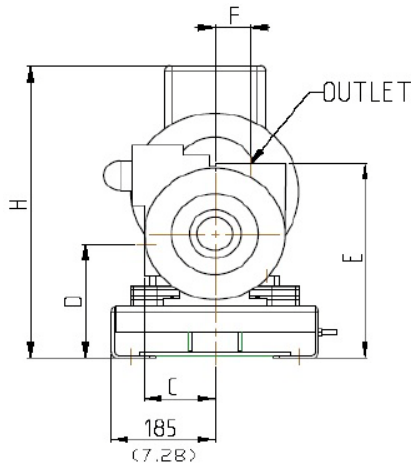
## Motor pump unit general specifications

- Motor power from 2 to 15 HP (1,5 to 11 kW), TEFC (IP55) or explosion proof (ATEX)
- Flow rates from 150 to 1000 l/min (40 to 264 GPM)

## Features

Flow rate	Pump model	Recommended upstream piping size
150	RVP20	3"
200	RVP20	3"
250	RVP20	3"
300	RVP25	3"
400	RVP25	3"
500	RVP25	3" – 4"
700	RVP30	4"
800	RVP30	4"
950	RVP30	4" – 6"

# Dimensions



MODELLO Model	CODICE Code	PESO Weight (Kg)	DIMENSIONI Dimensions	A	B	C	D	E	F	H	Z
RVP20	GE015HREC00	184,6	in mm	37,37 950,00	0,35 8,80	4,25 108,00	7,44 189,00	12,08 307,00	1,49 38,00	17,56 446,50	3,94 100,20
	GE015LREC00	165,7	in mm	34,81 884,80	0,35 8,80	4,25 108,00	7,44 189,00	12,08 307,00	1,49 38,00	17,17 436,50	3,94 100,20
	GE020HREC00	211,7	in mm	37,17 944,80	0,35 8,80	4,25 108,00	7,44 189,00	12,08 307,00	1,49 38,00	18,75 476,50	3,94 100,20
	GE020MREC00	183,7	in mm	36,77 934,80	0,35 8,80	4,25 108,00	7,44 189,00	12,08 307,00	1,49 38,00	17,56 446,50	3,94 100,20
	GE025HREC00	212,6	in mm	37,76 959,80	0,35 8,80	4,25 108,00	7,44 189,00	12,08 307,00	1,49 38,00	18,75 476,50	3,94 100,20
	GE025MREC00	184,6	in mm	37,36 949,80	0,35 8,80	4,25 108,00	7,44 189,00	12,08 307,00	1,49 38,00	17,56 446,50	3,94 100,20
RVP25	GE030HREC00	219,6	in mm	39,26 997,90	1,85 46,90	4,25 108,00	7,67 195,00	12,99 330,20	1,75 44,50	18,75 476,50	3,19 81,10
	GE030LREC00	191,6	in mm	38,86 987,90	1,85 46,90	4,25 108,00	7,67 195,00	12,99 330,20	1,75 44,50	17,56 446,50	3,19 81,10
	GE040HREC00	324,1	in mm	45,71 1161,90	2,66 67,70	4,25 108,00	7,67 195,00	12,99 330,20	1,75 44,50	20,52 521,50	2,37 60,30
	GE040MREC00	218,7	in mm	39,26 997,90	1,85 46,90	4,25 108,00	7,67 195,00	12,99 330,20	1,75 44,50	18,75 476,50	3,19 81,10
	GE050HREC00	324,1	in mm	45,71 1161,90	2,66 67,70	4,25 108,00	7,67 195,00	12,99 330,20	1,75 44,50	20,52 521,50	2,37 60,30
	GE050MREC00	219,6	in mm	39,25 997,80	1,85 46,90	4,25 108,00	7,67 195,00	12,99 330,20	1,75 44,50	18,75 476,50	3,19 81,10
RVP30	GE070HREC00	373,3	in mm	46,55 1183,20	3,50 89,00	5,00 127,00	8,56 217,50	14,59 371,00	2,50 63,50	21,89 556,50	1,57 40,00
	GE070MREC00	349,5	in mm	46,55 1183,20	3,50 89,00	5,00 127,00	8,56 217,50	14,59 371,00	2,50 63,50	21,89 556,50	1,57 40,00
	GE095MREC00	373,3	in mm	46,55 1183,20	3,50 89,00	5,00 127,00	8,56 217,50	14,59 371,00	2,50 63,50	21,89 556,50	1,57 40,00



**SAMPI spa**

A unit of IDEX Corporation  
Via Amerigo Vespucci, 1  
55011 Altopascio (Lucca) – Italy  
Phone: +39 0583 24751  
Fax: +39 0583 264748  
www.sampi.it