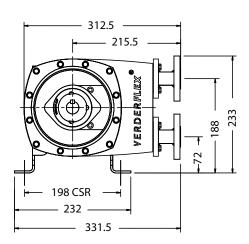
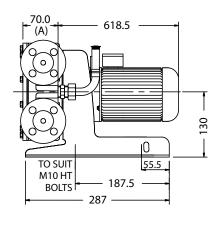
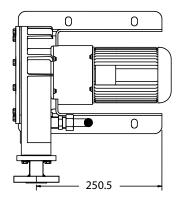


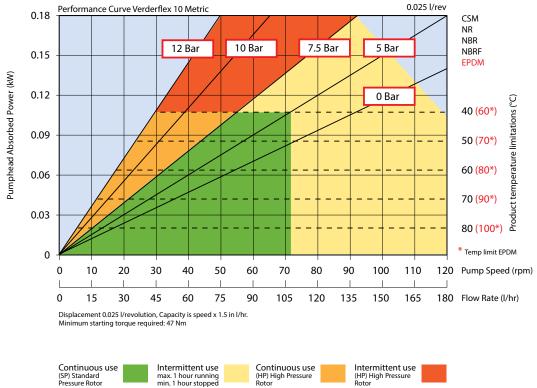
| Description | Material | Paint Detail |
|--------------------------|--|---------------------|
| Pump Housing | Aluminium (LM25) | Green Powder Coated |
| | Option: Cast Iron (GG25) | |
| Front Cover | Clear Polycarbonate | |
| Rotor | Aluminium (BS.1490:1988 LM25M) | |
| | Option: Cast Iron (ASTM A 536) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with | |
| | 10 mm 3/8" DIN PN16, ANSI 150# & JIS10K | |
| | Options: Hose Tail Inserts and 316 Hygienic Flanges available on | |
| | request to special order | |
| Inserts | Stainless Steel (316L) | |
| | Options: Polypropylene, P.V.D.F. Inserts and | |
| | 316 Stainless Steel Hose Tail | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound | |
| | Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) | |
| | Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- | |
| | mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon $^{\ensuremath{\circledast}}$ (CSM) | |
| Typical Pump Unit Weight | Aluminium Pump: 22 - 31 kg | |
| | Cast Iron Pump: 29 - 40 kg | |
| | | |











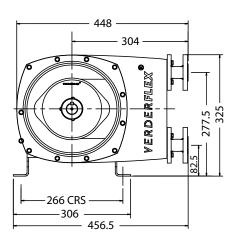
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

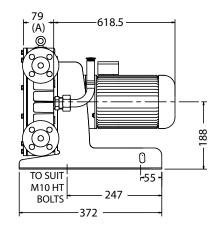
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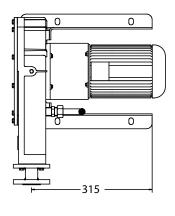




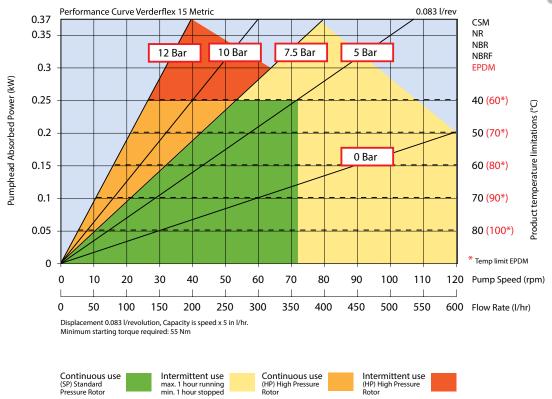
| Description | Material | Paint Detail |
|--------------------------|---|---------------------|
| Pump Housing | Aluminium (LM25) | Green Powder Coated |
| | Option: Cast Iron (GG25) | |
| Front Cover | Clear Polycarbonate | |
| Rotor | Aluminium (BS.1490:1988 LM25M) | |
| | Option: Cast Iron (ASTM A 536) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with | |
| | 15 mm 5/8" DIN PN16, ANSI 150# & JIS10K | |
| | Options: Hose Tail Inserts and 316 Hygienic Flanges available on | |
| | request to special order | |
| Inserts | Stainless Steel (316L) | |
| | Options: Polypropylene, P.V.D.F. Inserts and | |
| | 316 Stainless Steel Hose Tail | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound | |
| | Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) | |
| | Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- | |
| | mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon $^{\circ}$ (CSM) | |
| Typical Pump Unit Weight | Aluminium Unit: 34 - 41 kg | |
| | Cast Iron Unit: 46 - 52 kg | |











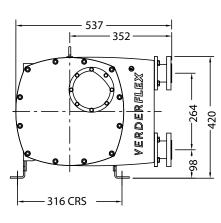
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

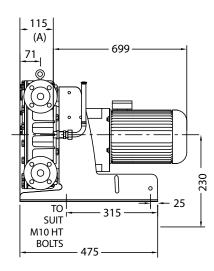
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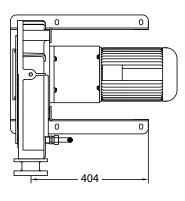




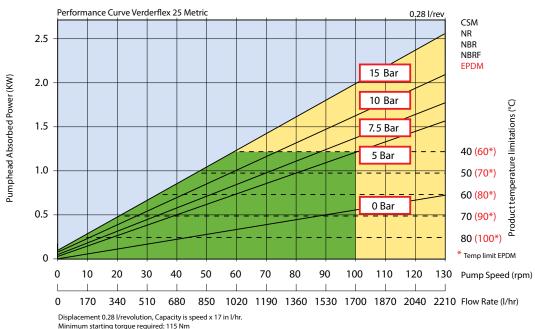
| | | P 1 |
|--------------------------|---|---------------------|
| Description | Material | Paint Detail |
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with 25 mm 1" DIN PN16, ANSI 150# & JIS10K Hygienic Flanges available on request to special order | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, P.V.D.F. Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 101 - 144 kg | |
| | | |



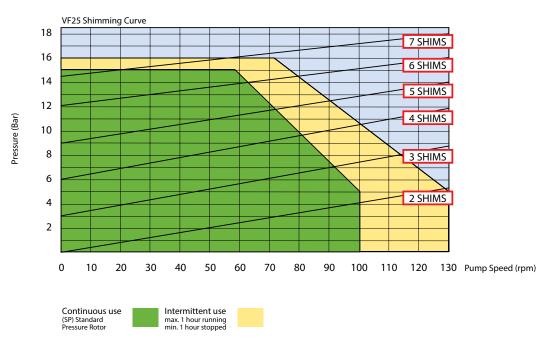








Maximum Peak Power +4%



For product temperatures above 65°C and/or viscocity above 2000 mPas use one shim less than shown.

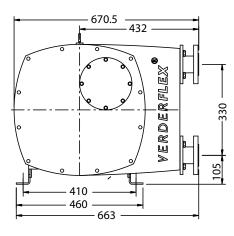
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

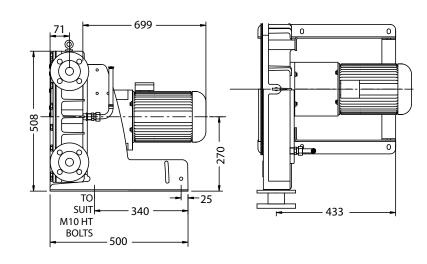




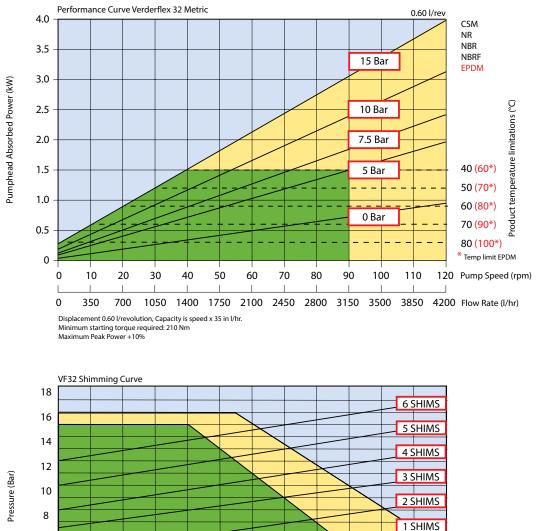


| | | P 1 |
|--------------------------|---|---------------------|
| Description | Material | Paint Detail |
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with 32 mm 1 1/4" DIN PN16, ANSI 150# & JIS10K Hygienic Flanges available on request to special order | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, P.V.D.F. Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 166 - 179 kg | |
| | | |









6

4 2

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10

Continuous use

(SP) Standard Pressure Rotor

20

30

40

Intermittent use

max. 1 hour running min. 1 hour stopped

For product temperatures above 65°C and/or viscocity above 2000 mPas use one shim less than shown

50

60

70

80

90

100

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

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For construction installation and floor mounting drawings please contact your local authorised Verderflex® distributor.



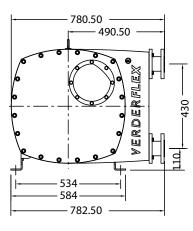
0 SHIMS

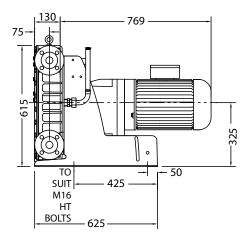
110

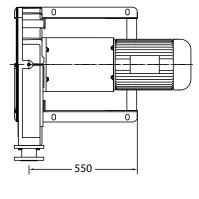
120 Pump Speed (rpm)



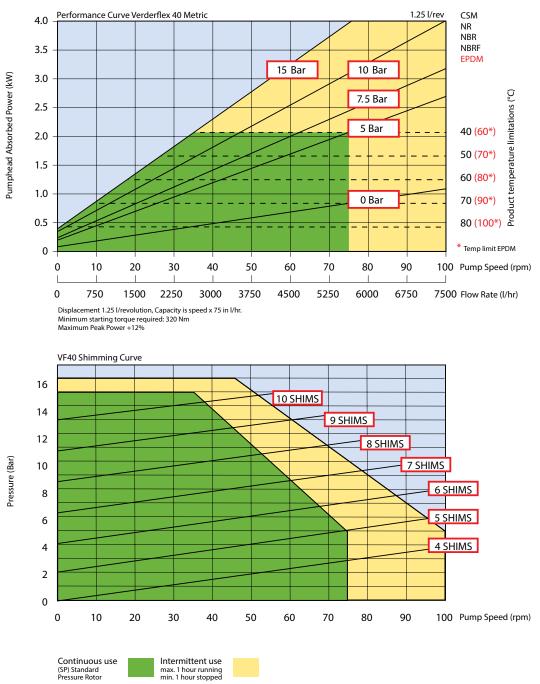
| Description | Material | Paint Detail |
|--------------------------|---|---------------------|
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with 40 mm 1 1/2" DIN PN16, ANSI 150# & JIS10K Hygienic Flanges available on request to special order | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, P.V.D.F. Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 273 - 295 kg | |
| | | |











For product temperatures above 65°C and/or viscocity above 2000 mPas use one shim less than shown

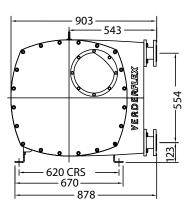
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

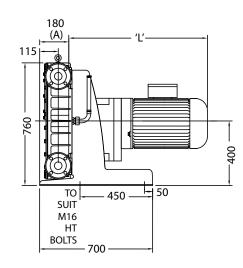
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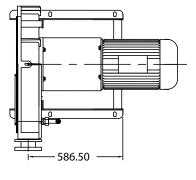




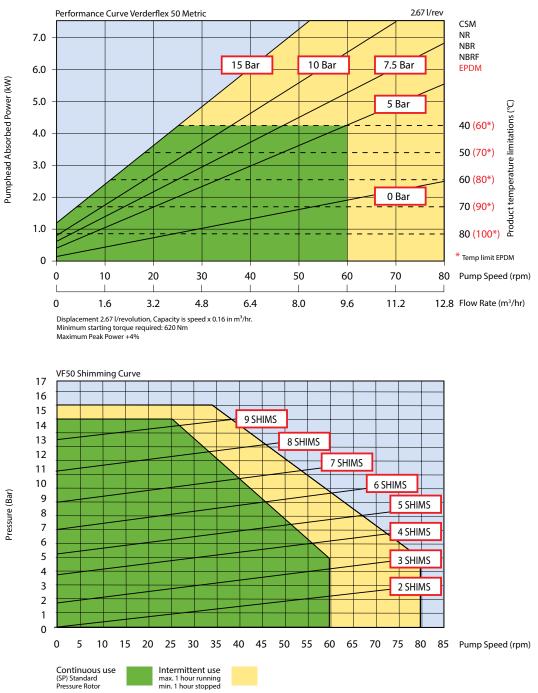
| | | IP 1 |
|--------------------------|---|---------------------|
| Description | Material | Paint Detail |
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with 50 mm 2" DIN PN16, ANSI 150# & JIS10K Hygienic Flanges available on request to special order | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, P.V.D.F. Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 341 - 362 kg | |
| | | |











For product temperatures above 65°C and/or viscocity above 2000 mPas use one shim less than shown

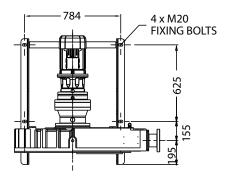
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

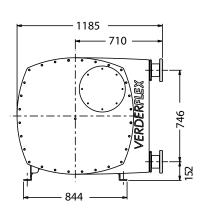


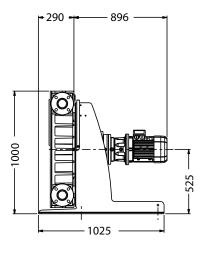




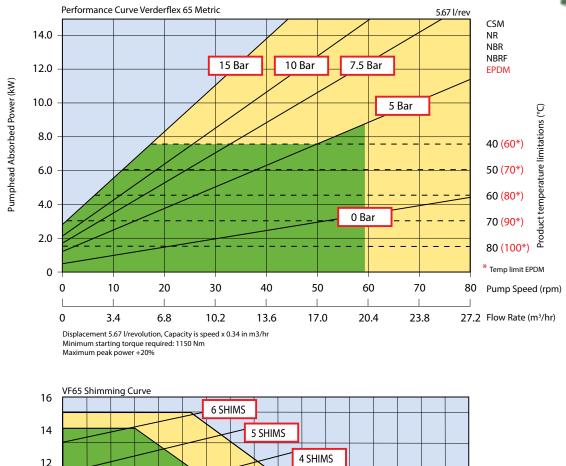
| | | P 1 |
|--------------------------|---|---------------------|
| Description | Material | Paint Detail |
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with 65 mm 2 1/2" DIN PN16, ANSI 150# & JIS10K Hygienic Flanges available on request to special order | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, P.V.D.F. Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 879 - 910 kg | |

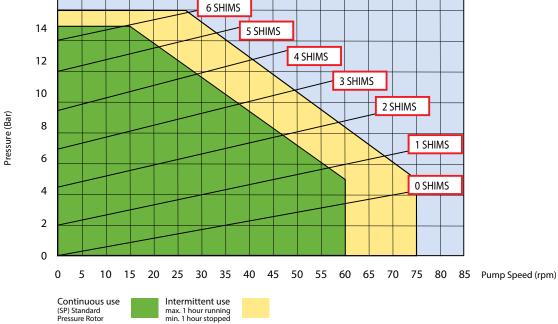












For product temperatures above 65°C and/or viscocity above 2000 mPas use one shim less than shown

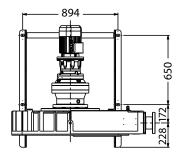
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

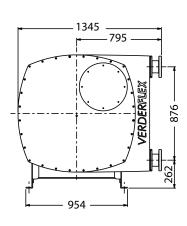
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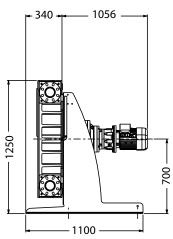




| | | D I |
|--------------------------|---|---------------------|
| Description | Material | Paint Detail |
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 304 Stainless Steel Universal slotted design fits with 80 mm 3" DIN PN16, ANSI 150# & JIS10K Hygienic Flanges available on request to special order | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, P.V.D.F. Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 1057 - 1074 kg | |
| | | |



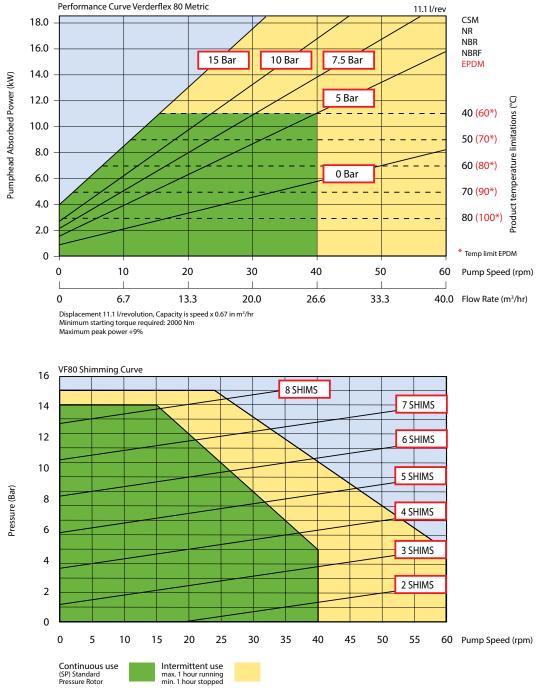












For product temperatures above $\rm 65^\circ C$ and/or viscocity above 2000 mPas use one shim less than shown

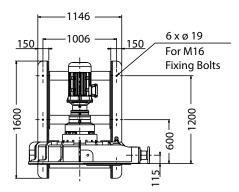
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

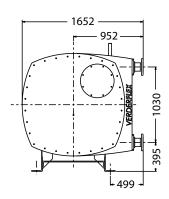


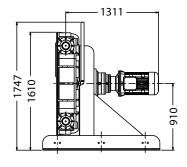




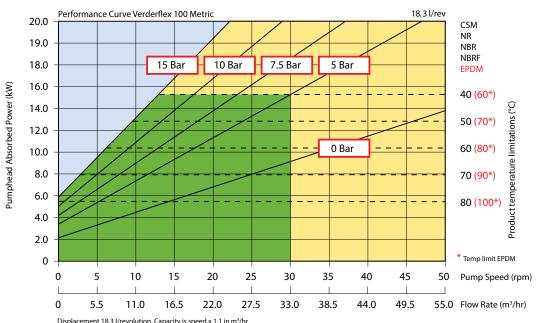
| Description | Material | Paint Detail |
|--------------------------|---|---------------------|
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 316 Stainless Steel with sheradised screw-on steel flange to suit | |
| | one of 100 mm 4" DIN PN16 or ANSI 150# or JIS10K | |
| Inserts | Stainless Steel (316L) | |
| | Options: Polypropylene, PVDF Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound | |
| | Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) | |
| | Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- | |
| | mer (EPDM), Food Grade Nitrile Buna (NBRF) and Hypalon $^{\ensuremath{\$}}$ (CSM) | |
| Typical Pump Unit Weight | 2267 - 2381 kg | |



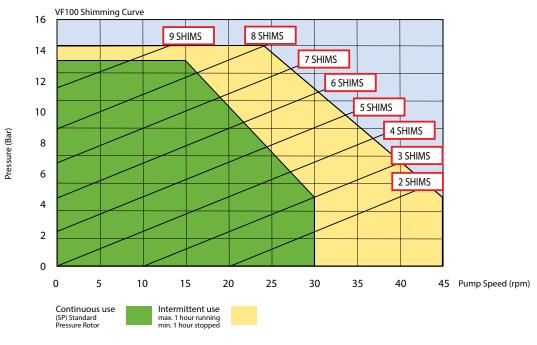








Displacement 18.3 l/revolution, Capacity is speed x 1.1 in m³/hr Minimum starting torque required: 4500 Nm Maximum peak power +28%



For product temperatures above 65°C and/or viscocity above 2000 mPas use one shim less than shown

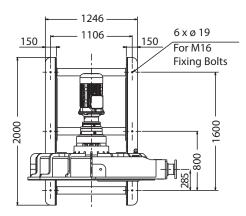
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

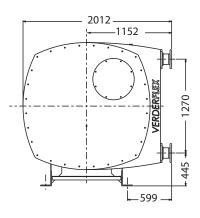


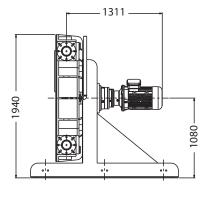




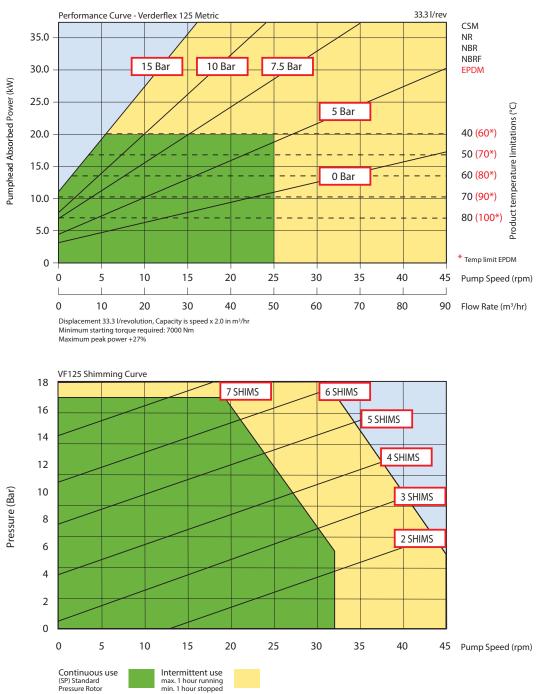
| Description | Material | Paint Detail |
|--------------------------|--|---------------------|
| Pump Housing | Cast Iron (GG25) | Green Powder Coated |
| Front Cover | Carbon Steel with Perspex Inspection Window | Powder Coated |
| Rotor | Cast Iron (GG25) | |
| Rotor Shoes | Aluminium (6082T6) | |
| Port Flange | 316 Stainless Steel with sheradised screw-on steel flange to suit one of DIN PN16 or ANSI 150 $\#$ or JIS10K | |
| Inserts | Stainless Steel (316L) Options: Polypropylene, PVDF Inserts | |
| Mounting Frame | Carbon Steel | Powder Coated |
| Lubricant | Verderlube - Glycerine based compound Verdersil - Silicone oil | |
| Hose | Natural Rubber (NR) Options: Nitrile Buna Rubber (NBR) Ethylene Propylene Diene Mono- mer (EPDM), and Hypalon® (CSM) | |
| Typical Pump Unit Weight | 3075 - 3189 kg | |
| | | |











For product temperatures above 149°F and/or viscocity above 2000 mPas use one shim less than shown

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

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