

## **MXF INCA**



## **MXF**

**ELETTROPOMPE MONOVITE A STATORE FISSO**

**FIXED STATOR SINGLE SCREW PUMPS**

**ELECTROPOMPES A VIS HELICOIDALE A STATOR FIXE**

**ELEKTRISCHE SCHNECKENPUMPEN FESTSTEHENDEN STATOR**

**ELECTROBOMBAS DE TORNILLO HELICOIDAL A ESTATOR FIJO**

# FIXED STATOR SINGLE SCREW PUMPS

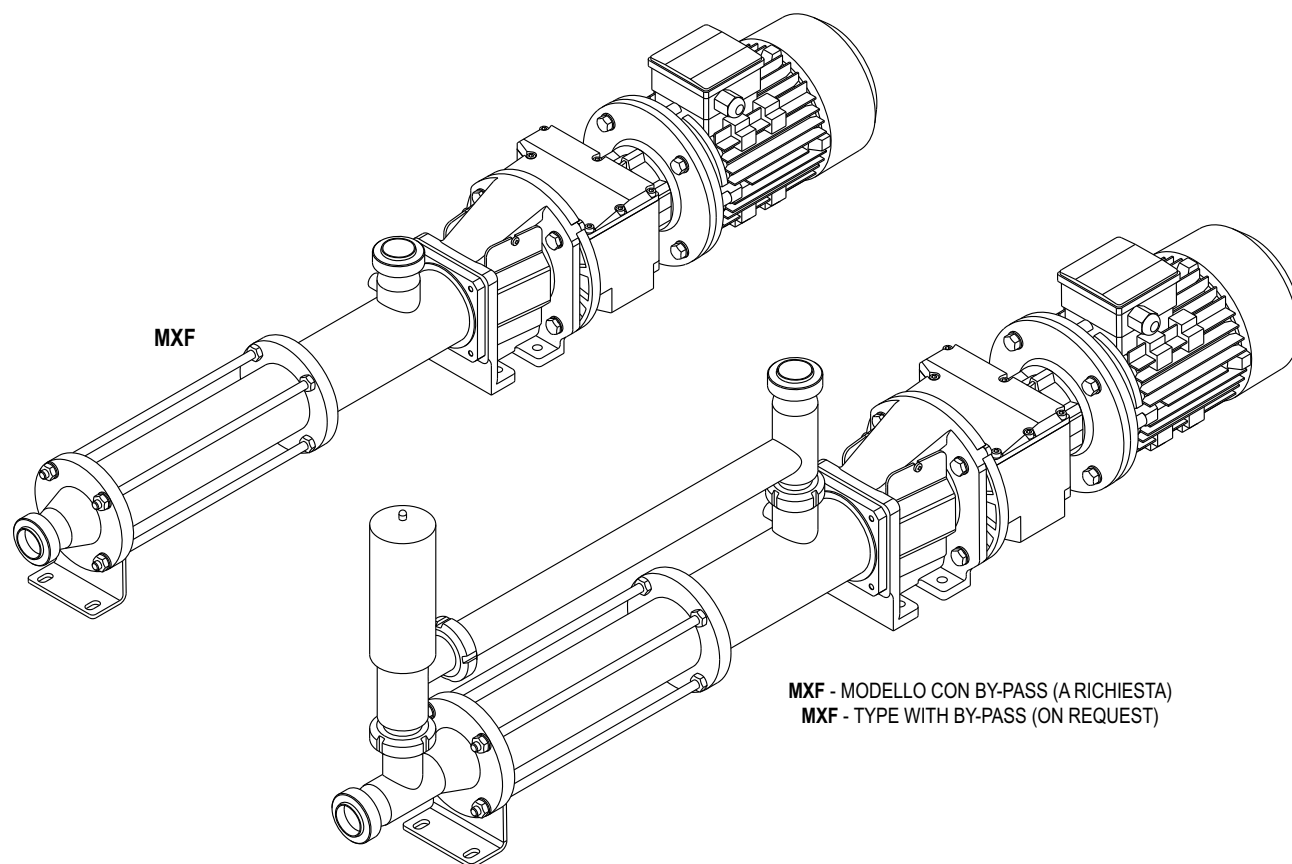


The MXF sanitary pump series is state of the art and perfect for food, pharmaceutical, chemical and cosmetic industries. The complete sanitary design, in compliance with EHEDG and 3A standards, ensure maximum sanitization. These pumps are top rated for "Clean in Place" and "Sterilisation in Place" procedures. The geometry of the pumps is designed specifically to allow complete draining and avoid dead zones. Each single component is manufactured with the utmost attention to finishing details and is thoroughly cleaned.

As well as the parts that come into contact with the product, the block construction, the base/trolley are also made of stainless steel. The available fittings include DIN 11851, Clamp, RJT, SMS and lastly Garolla and Macon fittings for the wine industry.



## FIXED STATOR SINGLE SCREW PUMPS



| Modello***<br>Type***                                                                                                      | Uscite<br>Inlet/Outlet | Tenuta Meccanica<br>Mechanical seal | Materiale<br>Material | Motore*<br>Motor* | kW   | Giri/min<br>Rpm | Portata l/h<br>Capacity l/h | Prevalenza<br>Head | Codice<br>Code  |
|----------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------|-----------------------|-------------------|------|-----------------|-----------------------------|--------------------|-----------------|
| <b>MXF30</b>                                                                                                               | DIN32                  | SiC-SiC-Viton                       | AISI 316              | TF 400V 50Hz      | 1,1  | 473             | 1600                        | 40 m               | 8245MXF30RID    |
| <b>MXF80</b>                                                                                                               | DIN50                  | SiC-SiC-Viton                       | AISI 316              | TF 400V 50Hz      | 2,2  | 287             | 4000                        | 40 m               | 8245MXF80RID    |
| <b>MXF200</b>                                                                                                              | DIN65                  | SiC-SiC-Viton                       | AISI 316              | TF 400V 50Hz      | 4,0  | 287             | 11000                       | 40 m               | 8245MXF200RID   |
| <b>MXF300</b>                                                                                                              | DIN80                  | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz      | 5,5  | 287             | 20000                       | 40 m               | 8245MXF300RID   |
| <b>MXF600-7.5</b>                                                                                                          | DIN100                 | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz      | 7,5  | 270             | 44000                       | 30 m               | 8245MXF600RID   |
| <b>MXF600-11</b>                                                                                                           | DIN100                 | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz      | 11,0 | 270             | 44000                       | 40 m               | 8245MXF600MRID  |
| <b>MXF1200</b>                                                                                                             | DIN125                 | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz      | 15,0 | 242             | 80000                       | 40 m               | 8245MXF1200RID  |
| Accessori<br>Accessories                                                                                                   |                        |                                     |                       |                   |      |                 |                             |                    | Codice<br>Code  |
| BY-PASS Ø25 per modello <b>MXF30</b> / BY-PASS Ø25 for type <b>MXF30</b>                                                   |                        |                                     |                       |                   |      |                 |                             |                    | 8245MXF30BP25   |
| BY-PASS Ø32 per modello <b>MXF80</b> / BY-PASS Ø32 for type <b>MXF80</b>                                                   |                        |                                     |                       |                   |      |                 |                             |                    | 8245MXF80BP32   |
| BY-PASS Ø40 per modello <b>MXF200</b> / BY-PASS Ø40 for type <b>MXF200</b>                                                 |                        |                                     |                       |                   |      |                 |                             |                    | 8245MXF200BP40  |
| BY-PASS Ø50 per modello <b>MXF300</b> / BY-PASS Ø50 for type <b>MXF300</b>                                                 |                        |                                     |                       |                   |      |                 |                             |                    | 8245MXF300BP50  |
| BY-PASS Ø65 per modello <b>MXF600-7.5</b> e <b>MXF600-11</b> / BY-PASS Ø65 for type <b>MXF600-7.5</b> and <b>MXF600-11</b> |                        |                                     |                       |                   |      |                 |                             |                    | 8245MXF600BP65  |
| BY-PASS Ø80 per modello <b>MXF1200</b> / BY-PASS Ø80 for type <b>MXF1200</b>                                               |                        |                                     |                       |                   |      |                 |                             |                    | 8245MXF1200BP80 |

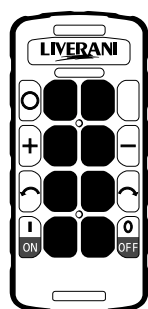
\* TF = Trifase/Three Phase

\*\* A richiesta in acciaio inox AISI 316 - Stainless steel AISI 316 on demand

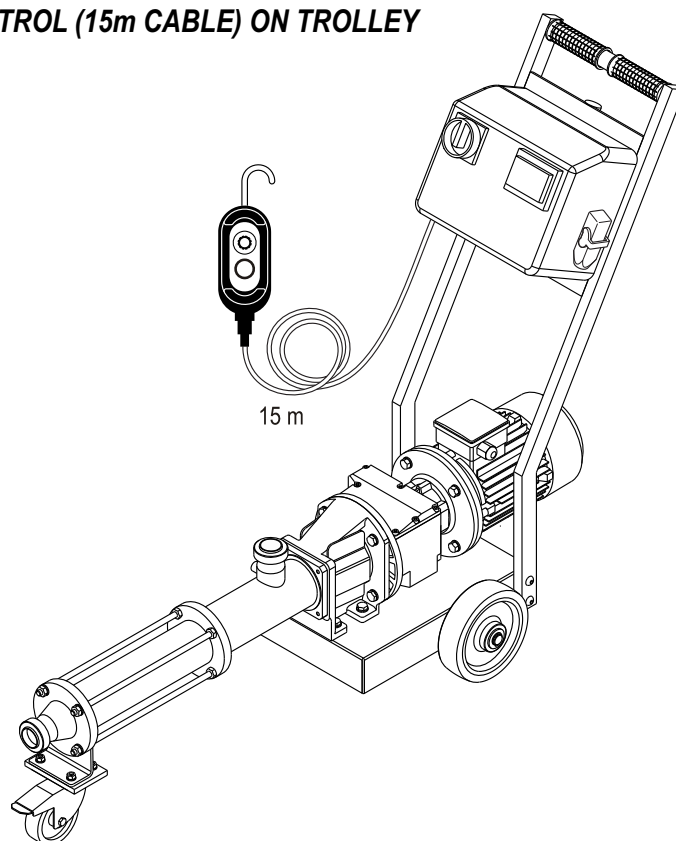
\*\*\* Statore in NBR alimentare, altri materiali a richiesta - Foodgrade NBR stator, other materials on demand

## FIXED STATOR SINGLE SCREW PUMPS WITH FREQUENCY CONVERTER AND REMOTE CONTROL (15m CABLE) ON TROLLEY

Supplementary 24V NC connector included



Radiocomando a richiesta  
Radio control on request



| Modello***<br>Type***                                                                                                      | Uscite<br>Inlet/Outlet | Tenuta Meccanica<br>Mechanical seal | Materiale<br>Material | Alimentazione*<br>Feeding* | kW   | Giri/min<br>Rpm | Portata l/h<br>Capacity l/h | Prevalenza<br>Head | Codice<br>Code  |
|----------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------|-----------------------|----------------------------|------|-----------------|-----------------------------|--------------------|-----------------|
| <b>MXF30INCA</b>                                                                                                           | DIN32                  | SiC-SiC-Viton                       | AISI 316              | TF 400V 50Hz               | 1,5  | 190÷880         | 640÷3000                    | 40 m               | 8245MXF30ITCA   |
| <b>MXF30INCA</b>                                                                                                           | DIN32                  | SiC-SiC-Viton                       | AISI 316              | MF 230V 50Hz               | 1,5  | 190÷880         | 640÷3000                    | 40 m               | 8245MXF30IMCA   |
| <b>MXF80INCA</b>                                                                                                           | DIN50                  | SiC-SiC-Viton                       | AISI 316              | TF 400V 50Hz               | 2,2  | 115÷544         | 1600÷8000                   | 40 m               | 8245MXF80ITCA   |
| <b>MXF80INCA</b>                                                                                                           | DIN50                  | SiC-SiC-Viton                       | AISI 316              | MF 230V 50Hz               | 2,2  | 115÷544         | 1600÷8000                   | 40 m               | 8245MXF80IMCA   |
| <b>MXF200INCA</b>                                                                                                          | DIN65                  | SiC-SiC-Viton                       | AISI 316              | TF 400V 50Hz               | 4,0  | 115÷470         | 4400÷20000                  | 40 m               | 8245MXF200ITCA  |
| <b>MXF300INCA</b>                                                                                                          | DIN80                  | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz               | 5,5  | 115÷430         | 8000÷30000                  | 40 m               | 8245MXF300ITCA  |
| <b>MXF600INCA-7.5</b>                                                                                                      | DIN100                 | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz               | 7,5  | 108÷367         | 17600÷60000                 | 30 m               | 8245MXF600ITCA  |
| <b>MXF600INCA-11</b>                                                                                                       | DIN100                 | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz               | 11,0 | 108÷367         | 17600÷60000                 | 40 m               | 8245MXF600MITCA |
| <b>MXF1200INCA</b>                                                                                                         | DIN125                 | SiC-SiC-Viton                       | AISI 304**            | TF 400V 50Hz               | 15,0 | 97÷315          | 32000÷105000                | 40 m               | 8245MXF1200ITCA |
| Accessori<br>Accessories                                                                                                   |                        |                                     |                       |                            |      |                 |                             |                    | Codice<br>Code  |
| BY-PASS Ø25 per modello <b>MXF30</b> / BY-PASS Ø25 for type <b>MXF30</b>                                                   |                        |                                     |                       |                            |      |                 |                             |                    | 8245MXF30BP25   |
| BY-PASS Ø32 per modello <b>MXF80</b> / BY-PASS Ø32 for type <b>MXF80</b>                                                   |                        |                                     |                       |                            |      |                 |                             |                    | 8245MXF80BP32   |
| BY-PASS Ø40 per modello <b>MXF200</b> / BY-PASS Ø40 for type <b>MXF200</b>                                                 |                        |                                     |                       |                            |      |                 |                             |                    | 8245MXF200BP40  |
| BY-PASS Ø50 per modello <b>MXF300</b> / BY-PASS Ø50 for type <b>MXF300</b>                                                 |                        |                                     |                       |                            |      |                 |                             |                    | 8245MXF300BP50  |
| BY-PASS Ø65 per modello <b>MXF600-7.5</b> e <b>MXF600-11</b> / BY-PASS Ø65 for type <b>MXF600-7.5</b> and <b>MXF600-11</b> |                        |                                     |                       |                            |      |                 |                             |                    | 8245MXF600BP65  |
| BY-PASS Ø80 per modello <b>MXF1200</b> / BY-PASS Ø80 for type <b>MXF1200</b>                                               |                        |                                     |                       |                            |      |                 |                             |                    | 8245MXF1200BP80 |

\* MF = Monofase/Single Phase - TF = Trifase/Three Phase

\*\* A richiesta in acciaio inox AISI 316 - Stainless steel AISI 316 on demand

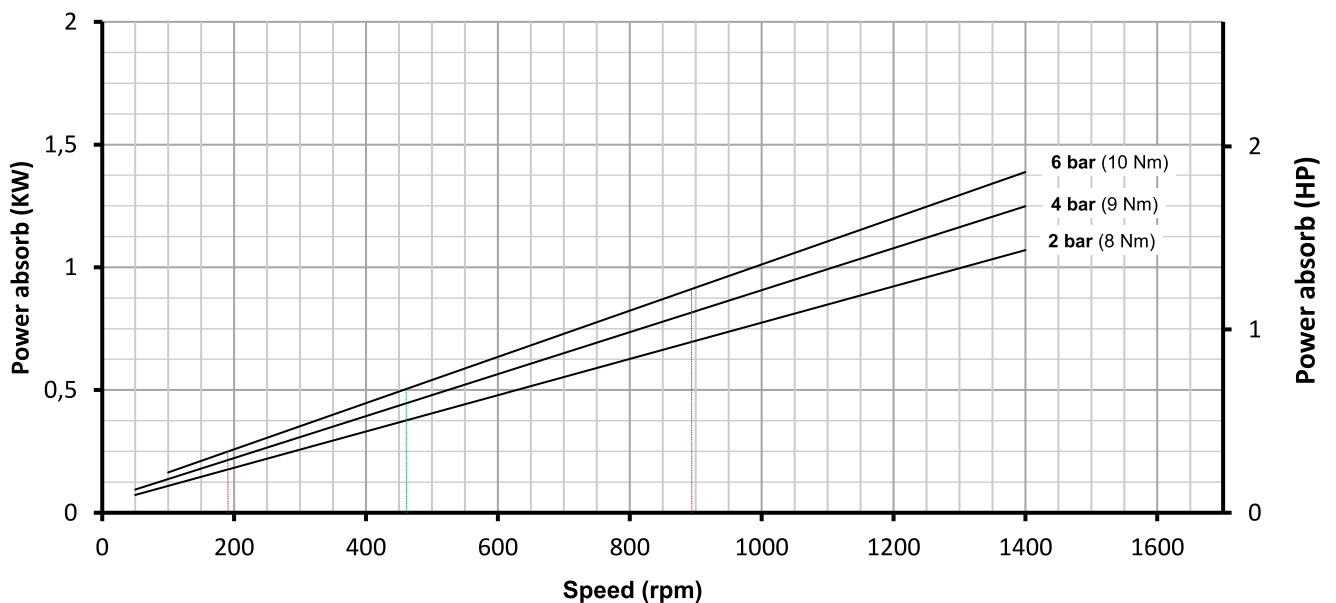
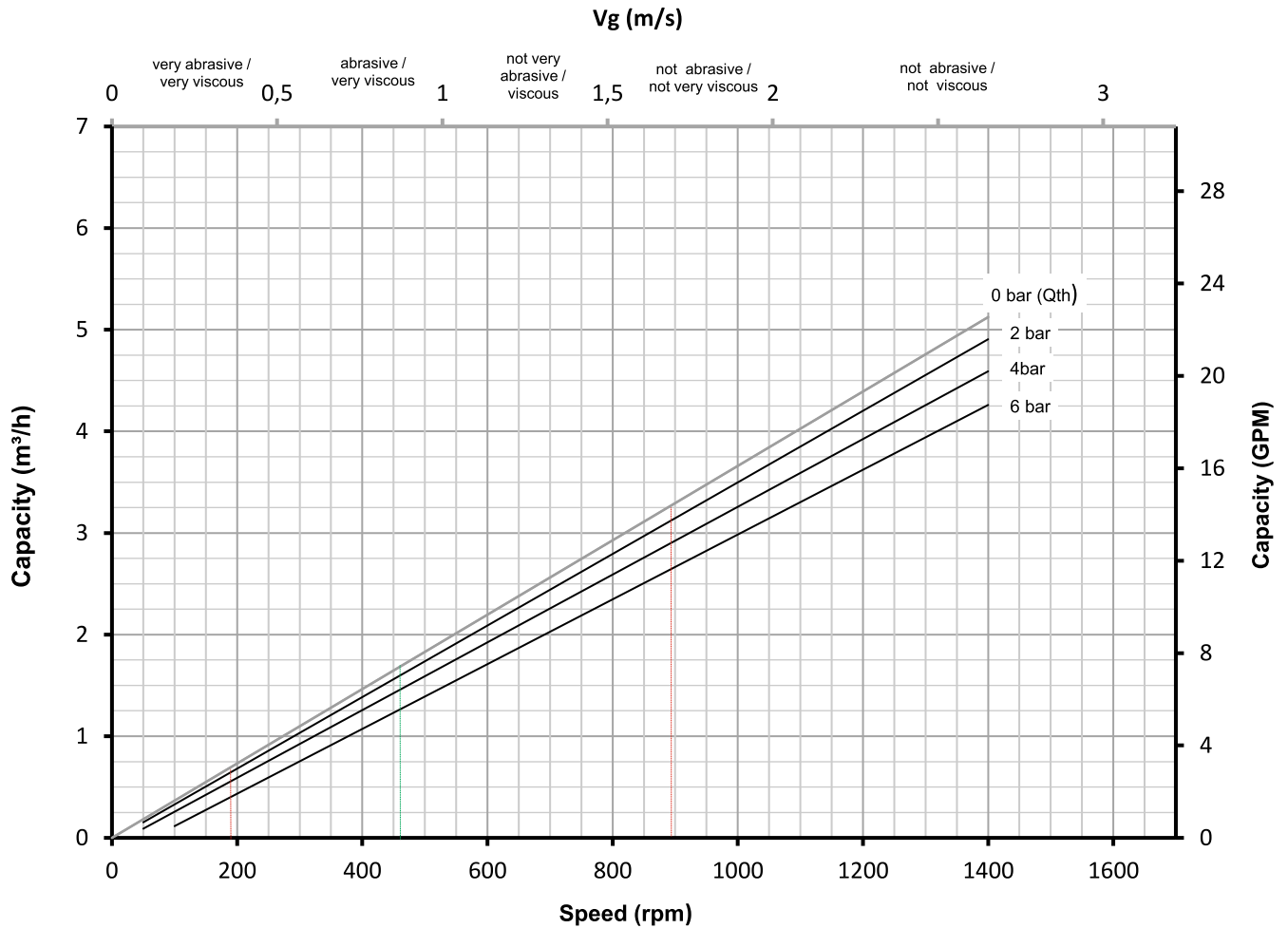
\*\*\* Statore in NBR alimentare, altri materiali a richiesta - Foodgrade NBR stator, other materials on demand

Data Based on clean Water 20° C / 65° F

## PERFORMANCE CURVE

MXF 30  
MXF 30 INCA

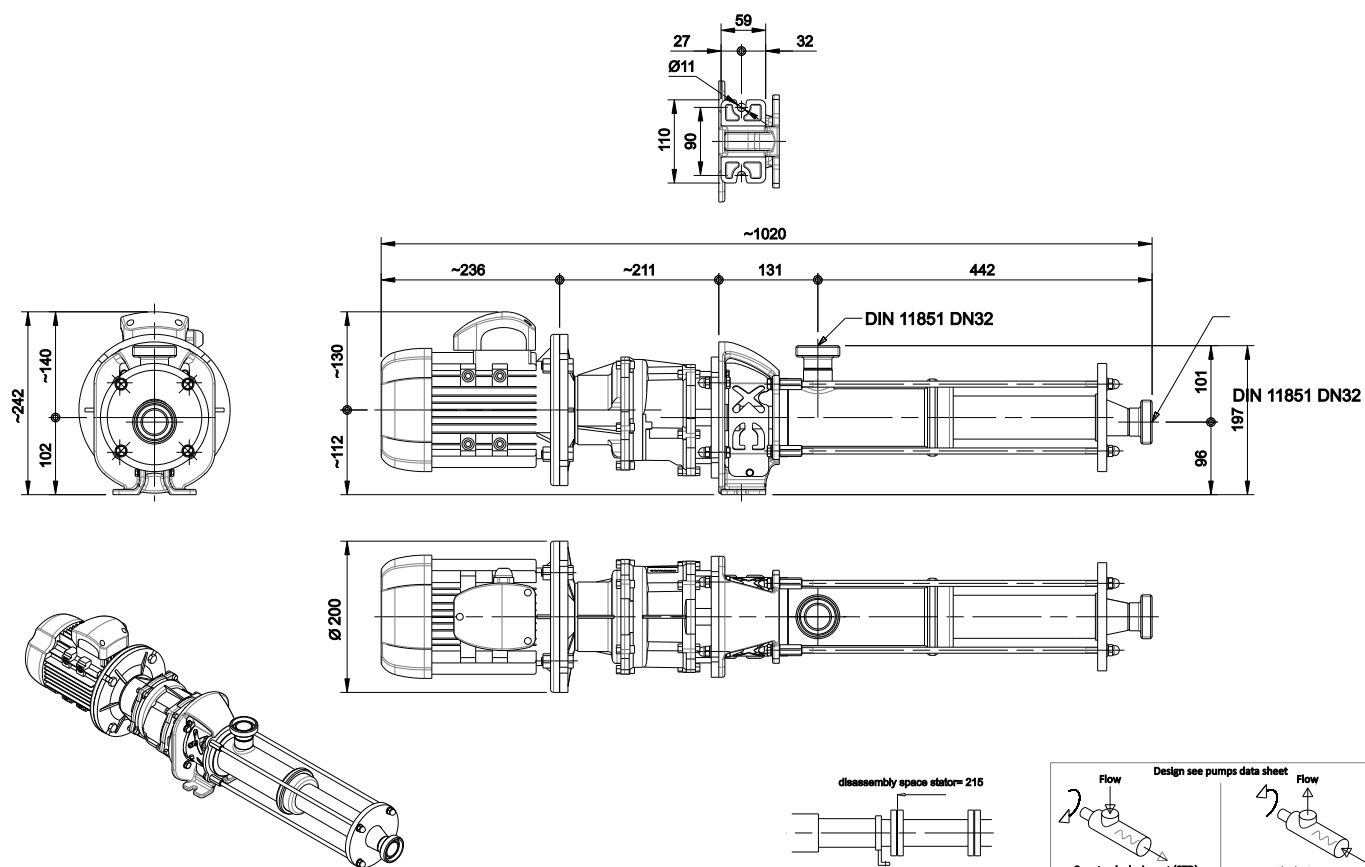
| Maximum Pressure based on Abrasivity |     |        |      |
|--------------------------------------|-----|--------|------|
| No                                   | Low | Medium | High |
| 6                                    | 5   | 4      | 3    |



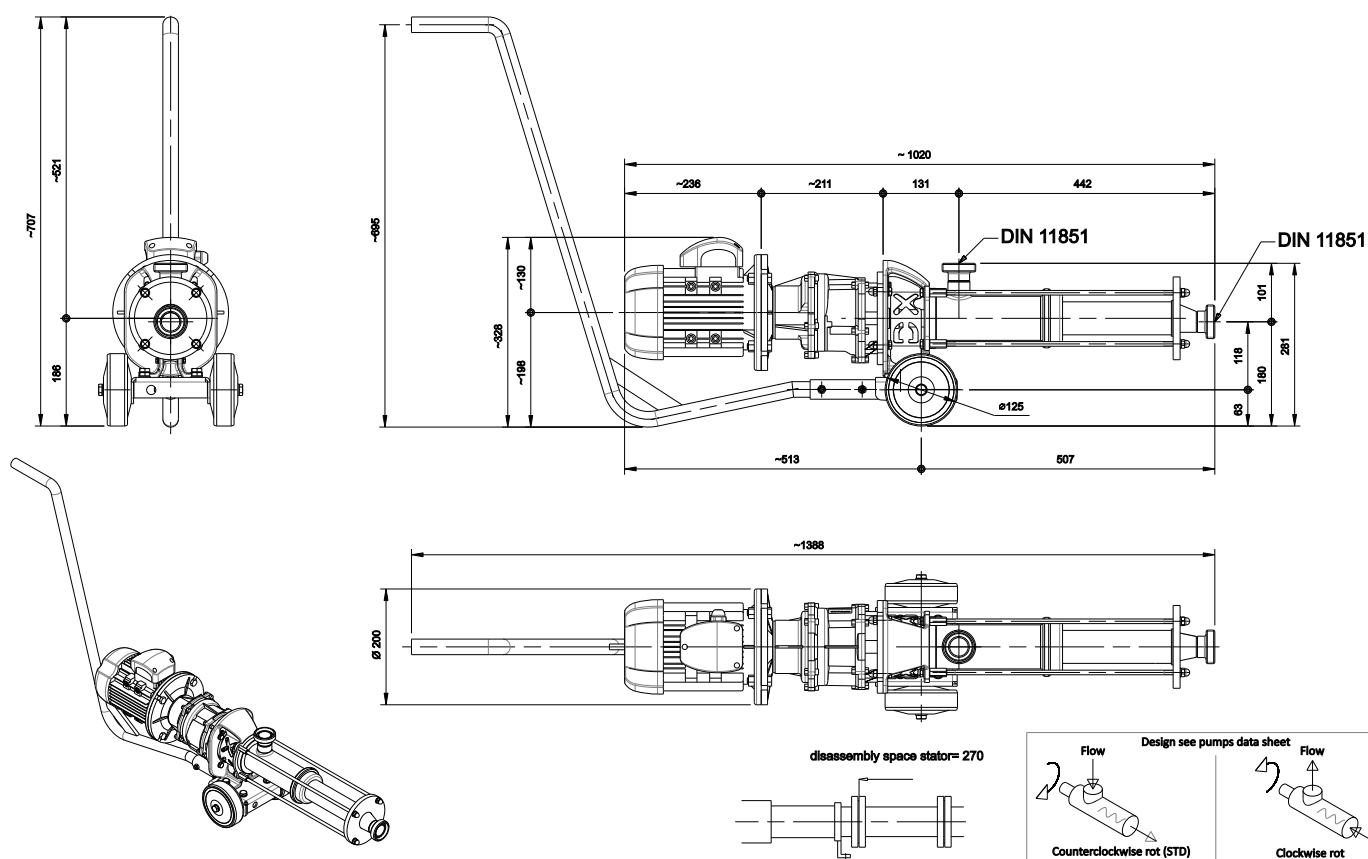
Starting Torque = 19 Nm \ 168,2 lbs\*in

Performance tolerance ±10%

## MXF30 INOX - GEARMOTOR KW 1,1 4 P. - 230/400V 50 HZ



## MXF30INCA INOX - TROLLEY INVERTER KW 1,1 230V 50 HZ



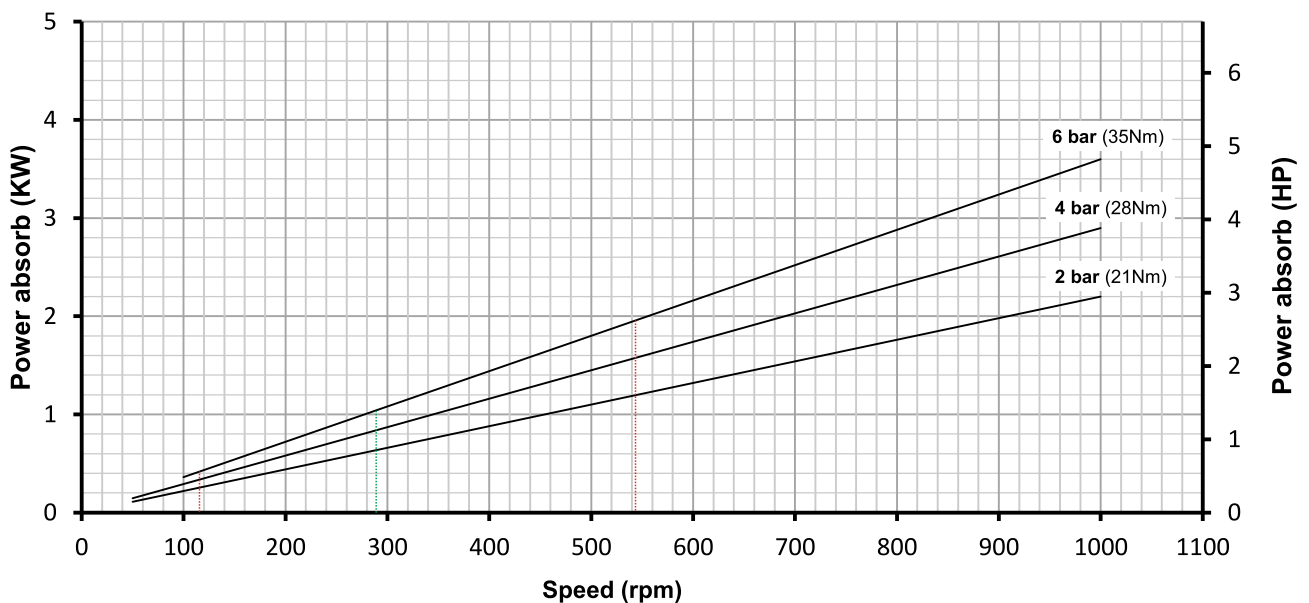
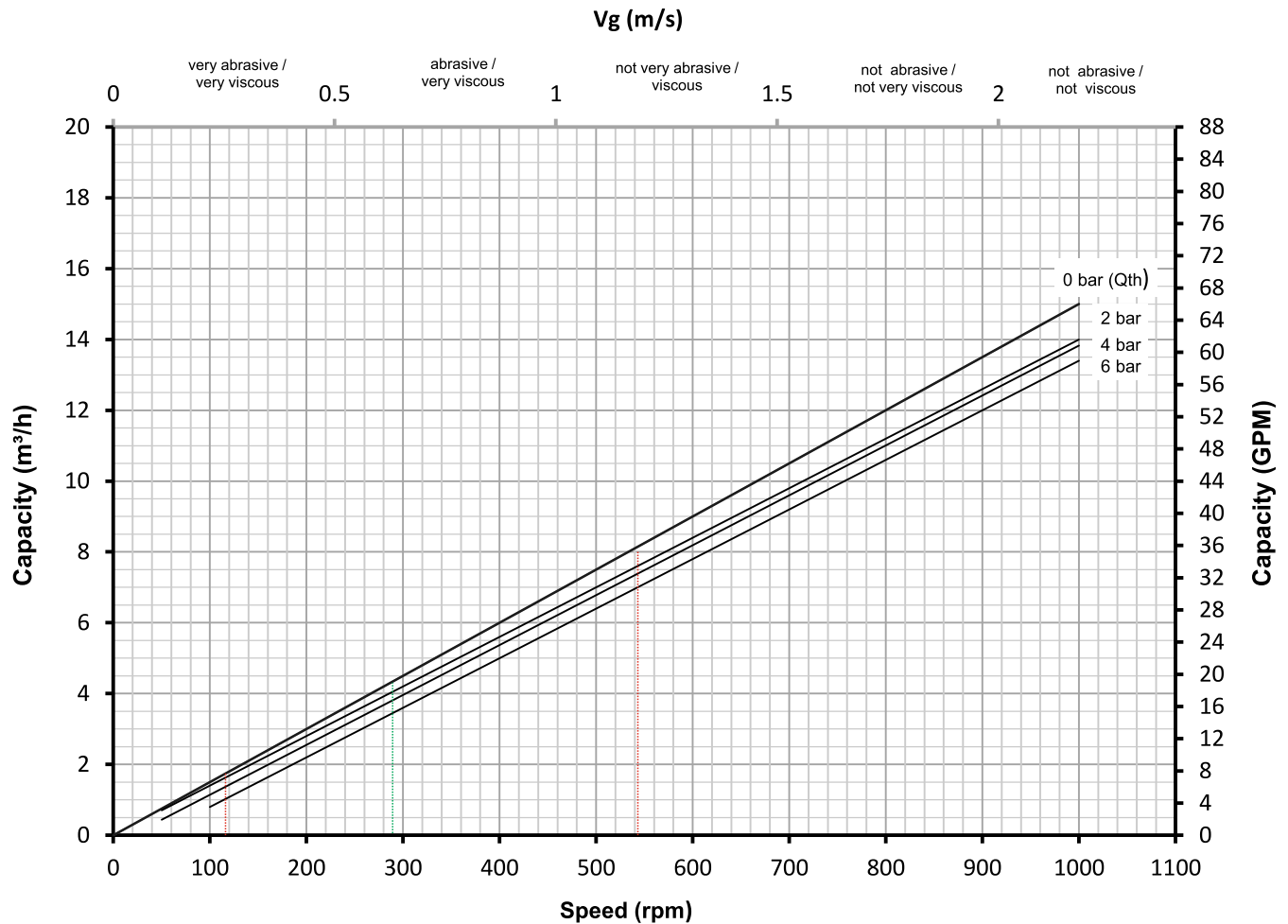
**PERFORMANCE CURVE**

Data Based on clean Water 20° C / 65° F

..... MXF 80  
..... MXF 80 INCA

**Maximum Pressure based on Abrasivity**

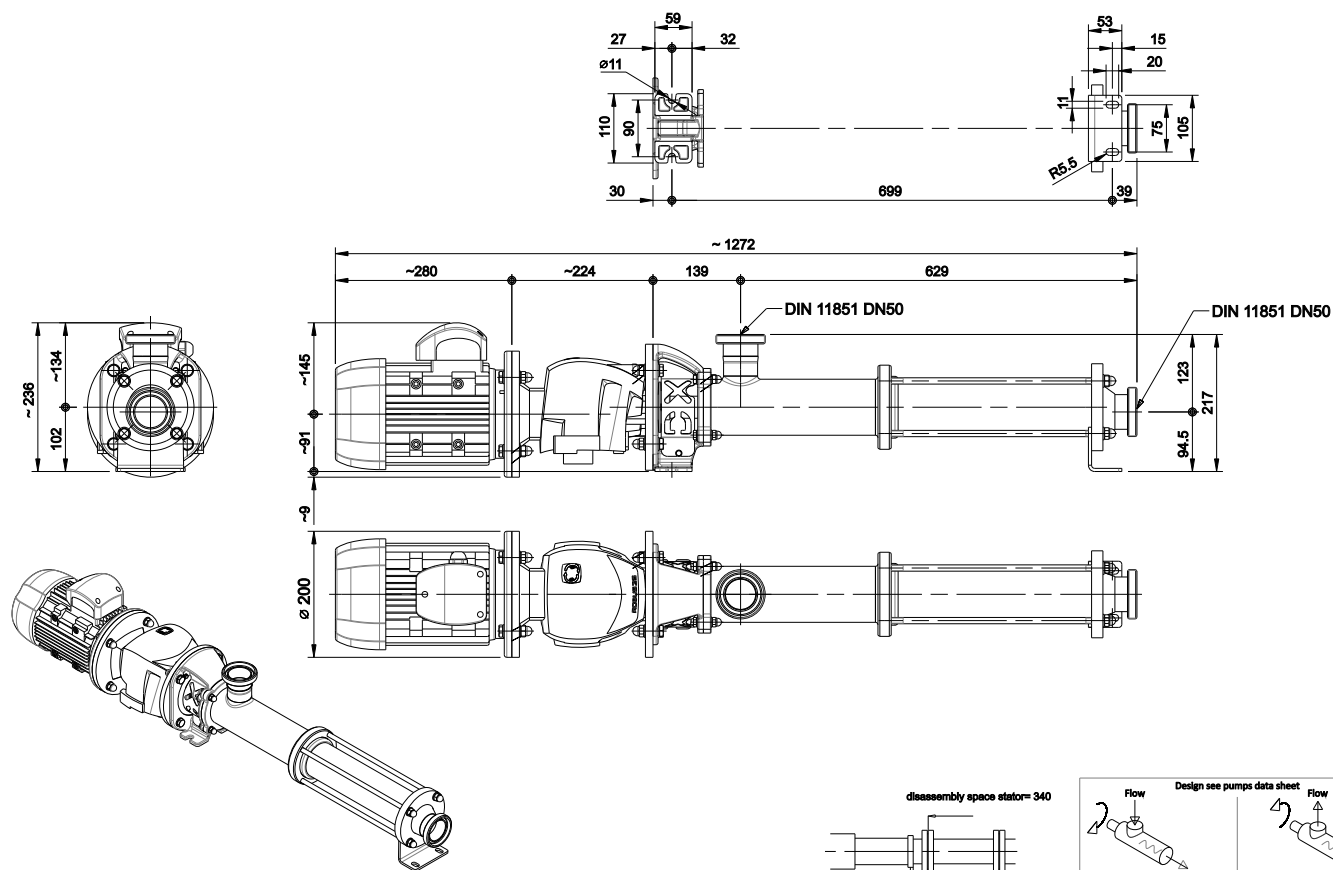
| No | Low | Medium | High |
|----|-----|--------|------|
| 6  | 5   | 4      | 3    |



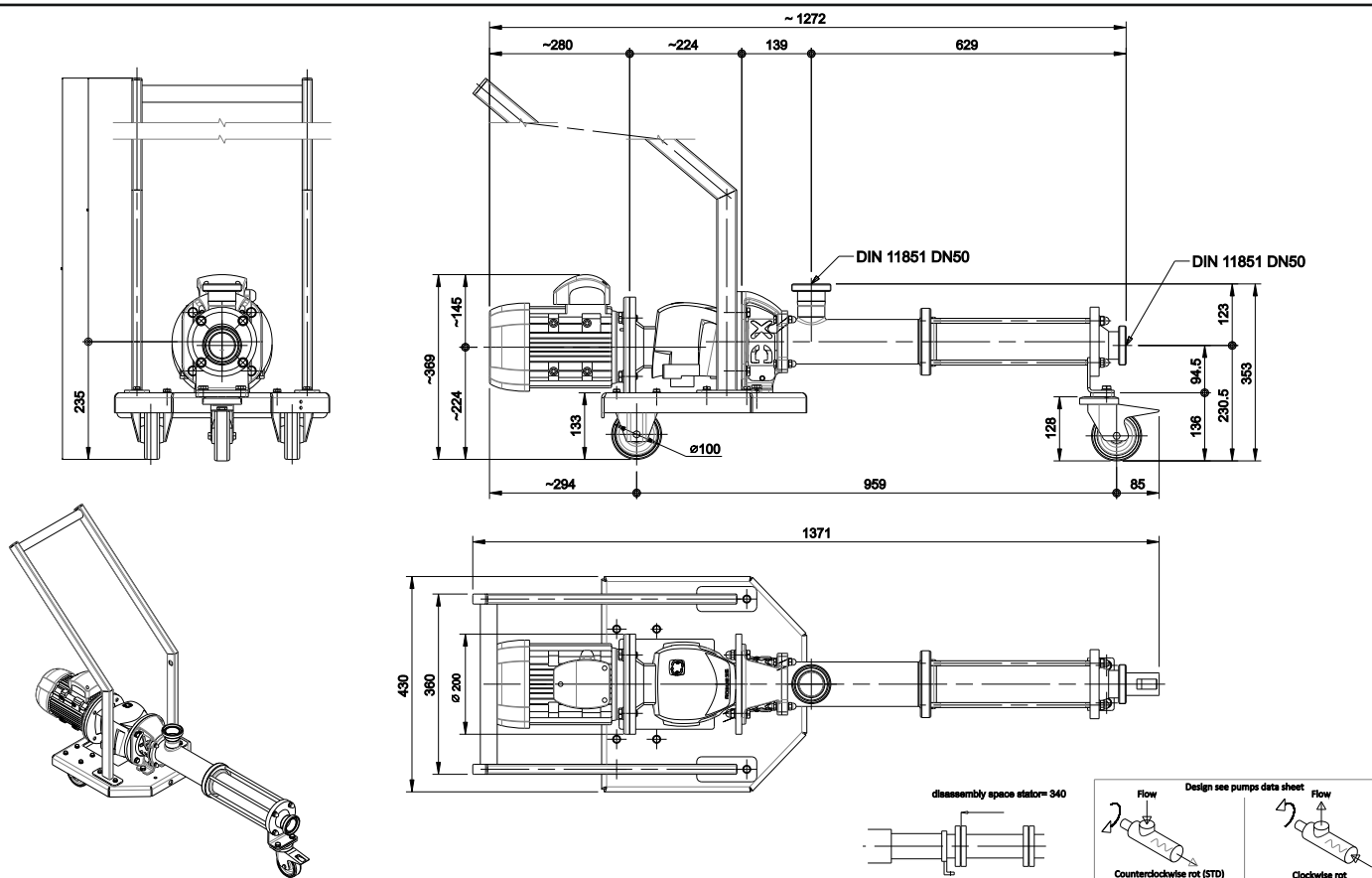
Starting Torque = 43 Nm \ 380.6 lbs\*in

Performance tolerance ±10%

## MXF80 INOX - GEARMOTOR KW 2,2 4 P. - 230/400V 50 HZ



## MXF80INCA INOX - TROLLEY INVERTER KW 2,2 230V 50 HZ

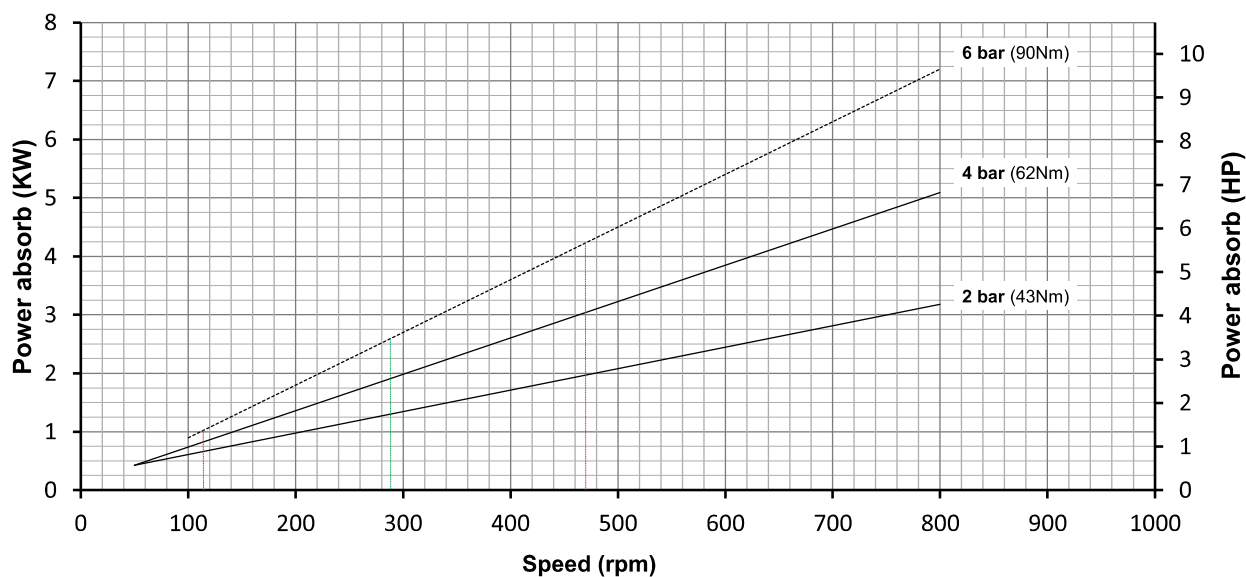
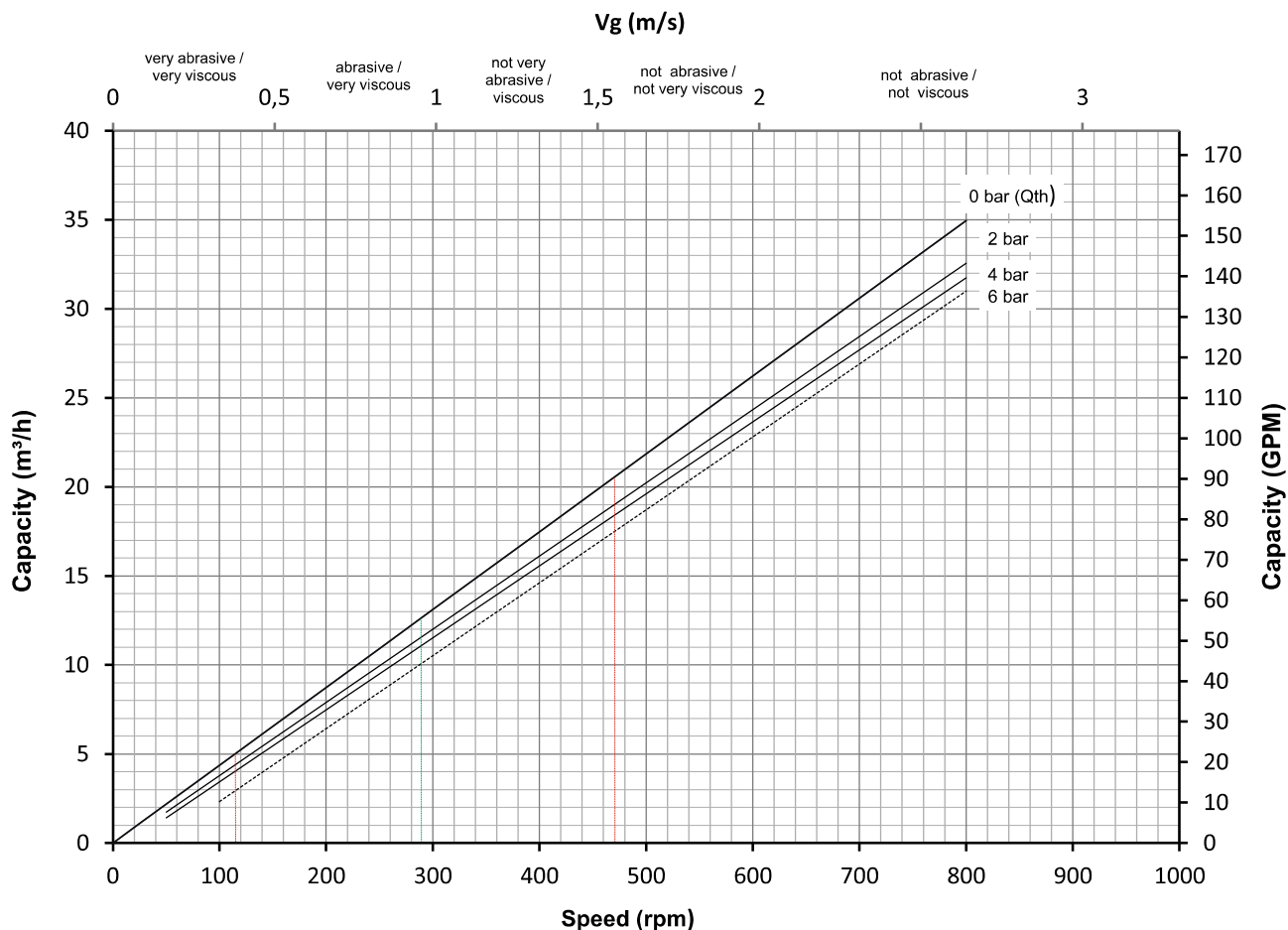


## PERFORMANCE CURVE

Data Based on clean Water 20° C / 65° F

MXF 200  
MXF 200 INCA

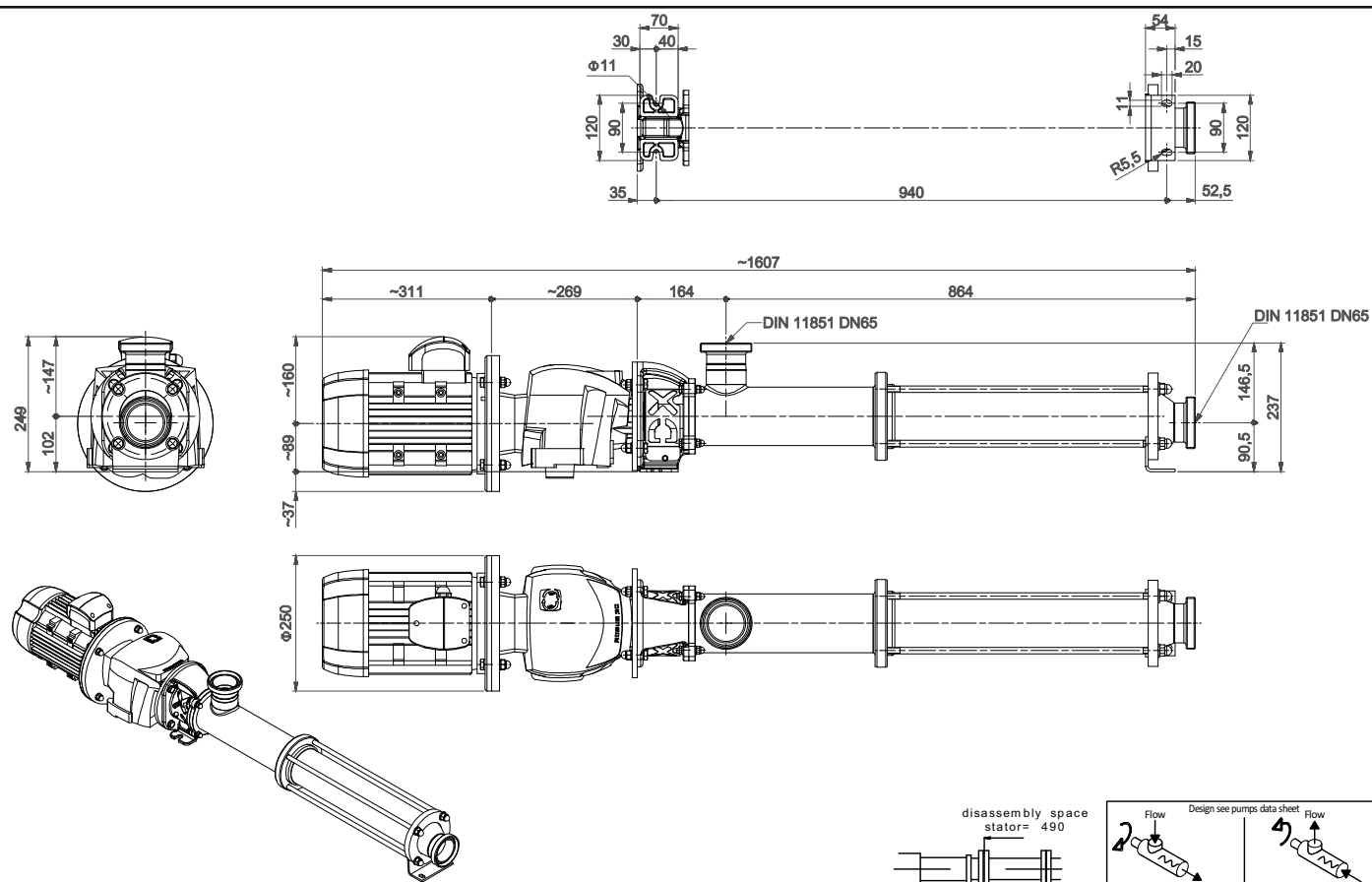
| Maximum Pressure based on Abrasivity |     |        |      |
|--------------------------------------|-----|--------|------|
| No                                   | Low | Medium | High |
| 6                                    | 5   | 4      | 3    |



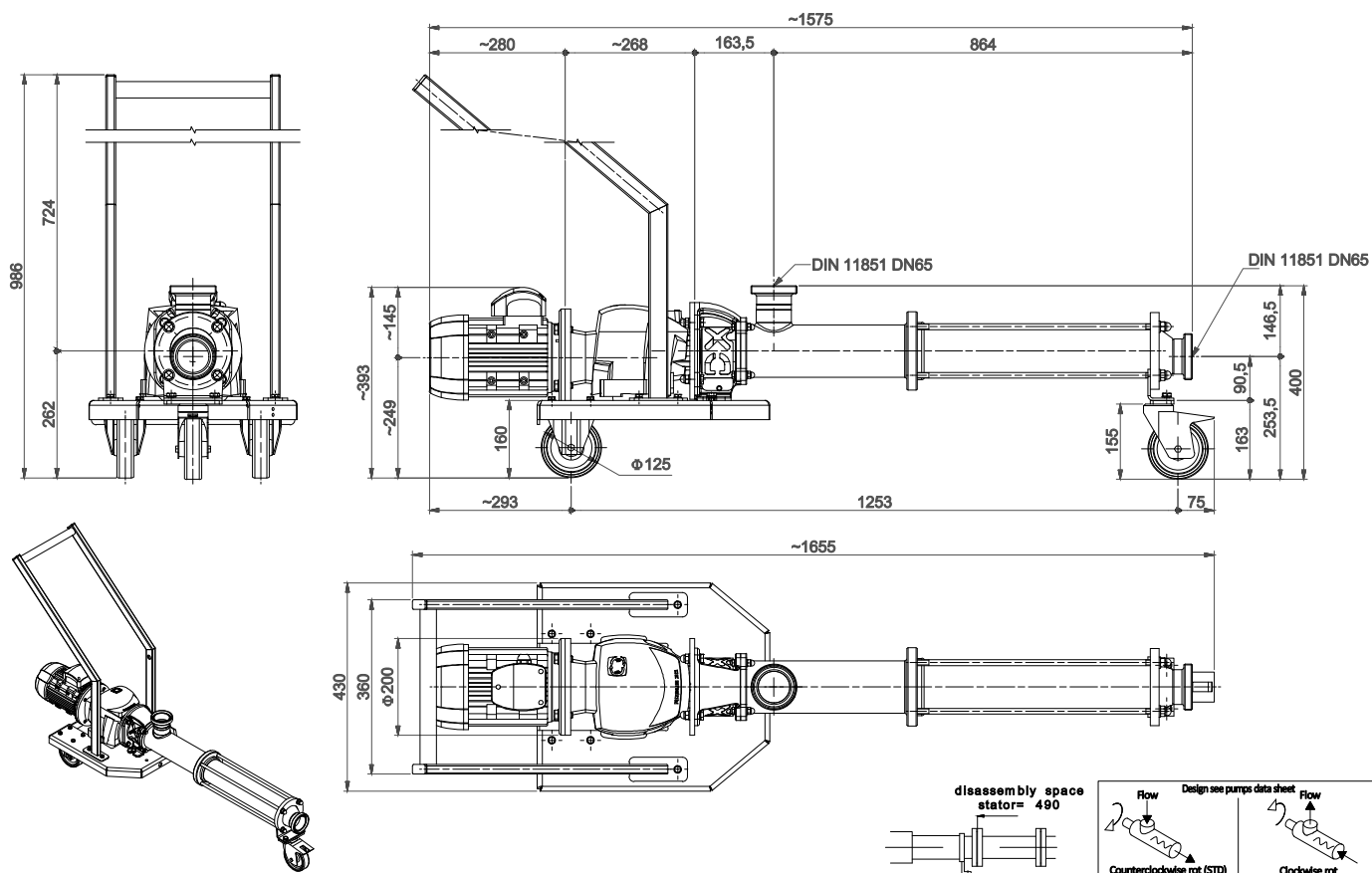
Starting Torque = 90 Nm \ 796,5 lbs\*in

Performance tolerance  $\pm 10\%$

## MXF200 INOX - GEARMOTOR KW 4 4 P. - 230/400V 50 HZ



## MXF200INCA INOX - TROLLEY INVERTER KW 4 400V 50 HZ

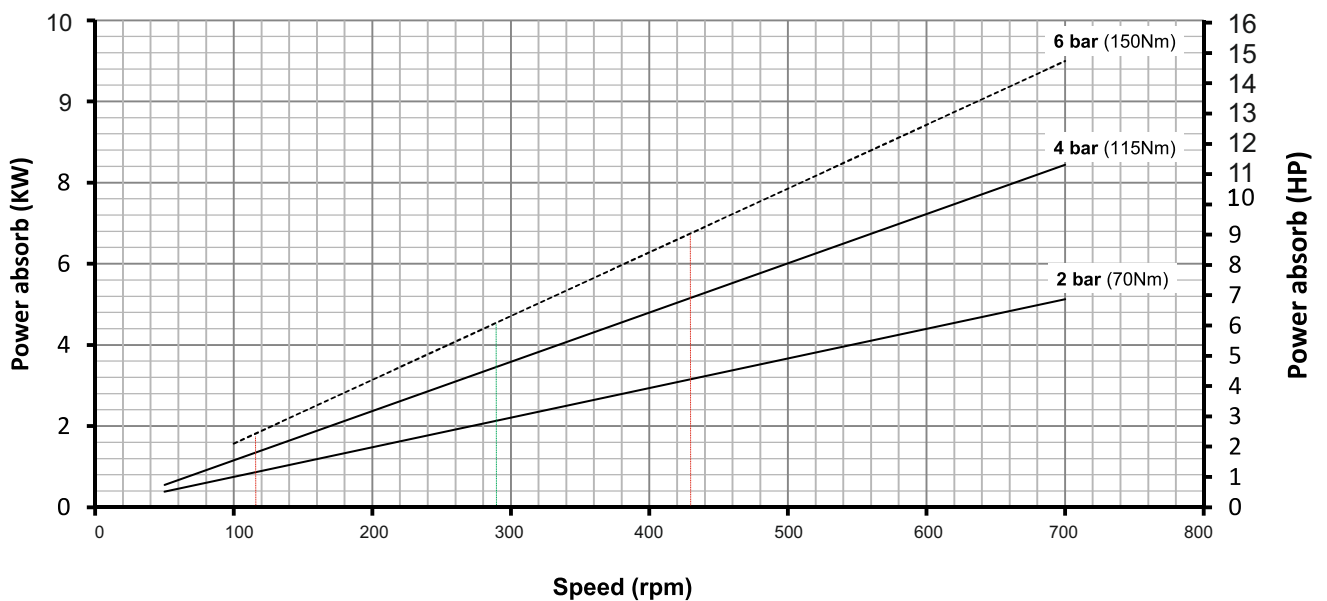
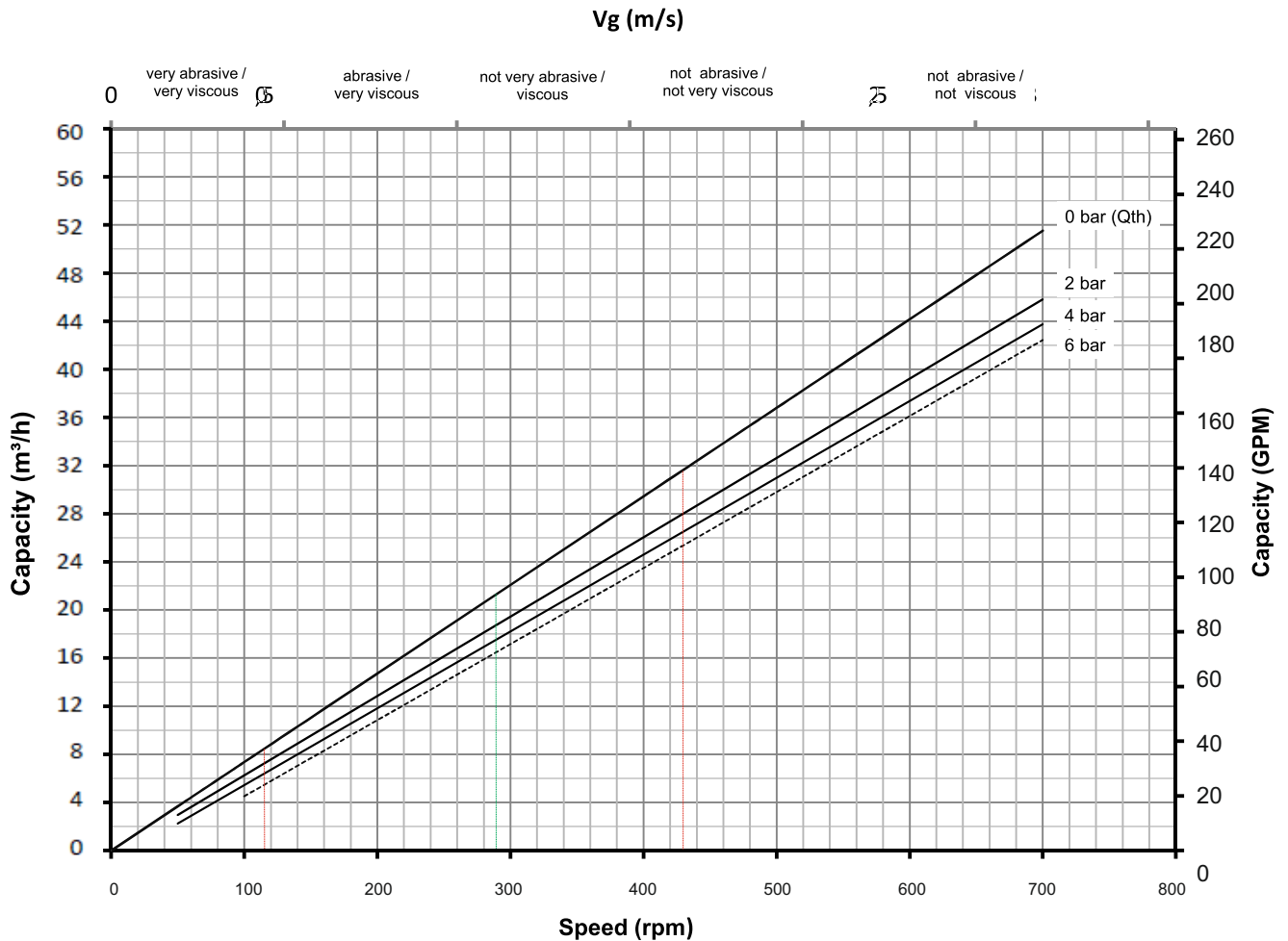


## PERFORMANCE CURVE

Data Based on clean Water 20° C / 65° F

..... MXF 300  
..... MXF 300 INCA

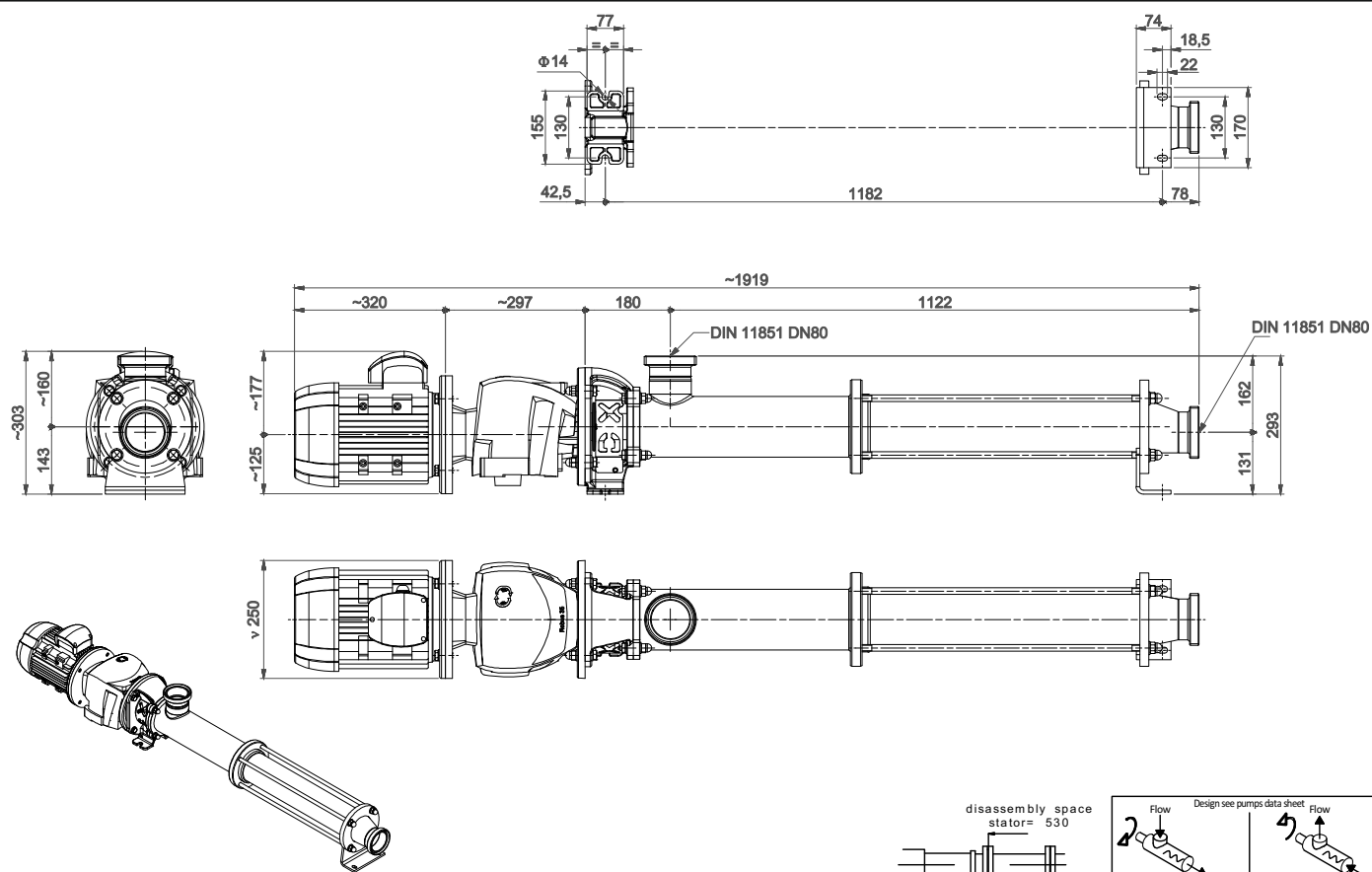
| Maximum Preassure based on Abrasivity |     |        |      |
|---------------------------------------|-----|--------|------|
| No                                    | Low | Medium | High |
| 6                                     | 5   | 4      | 3    |



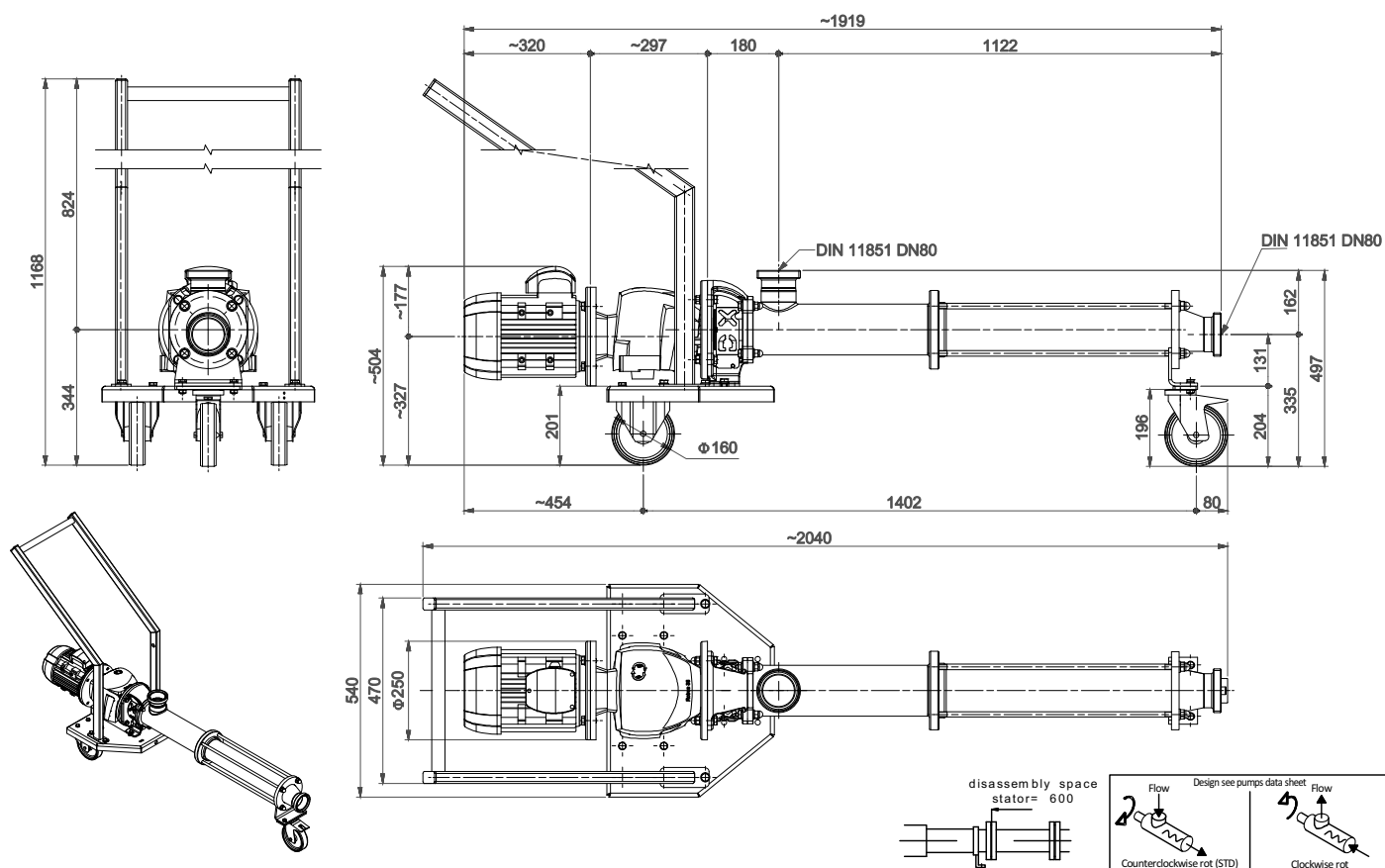
Starting Torque = **140** Nm \ **1239** lbs·in

Performance tolerance ±10%

## MXF300 INOX - GEARMOTOR KW 5,5 4 P. - 230/400V 50 HZ



## MXF300INCA INOX - TROLLEY INVERTER KW 5,5 400V 50 HZ

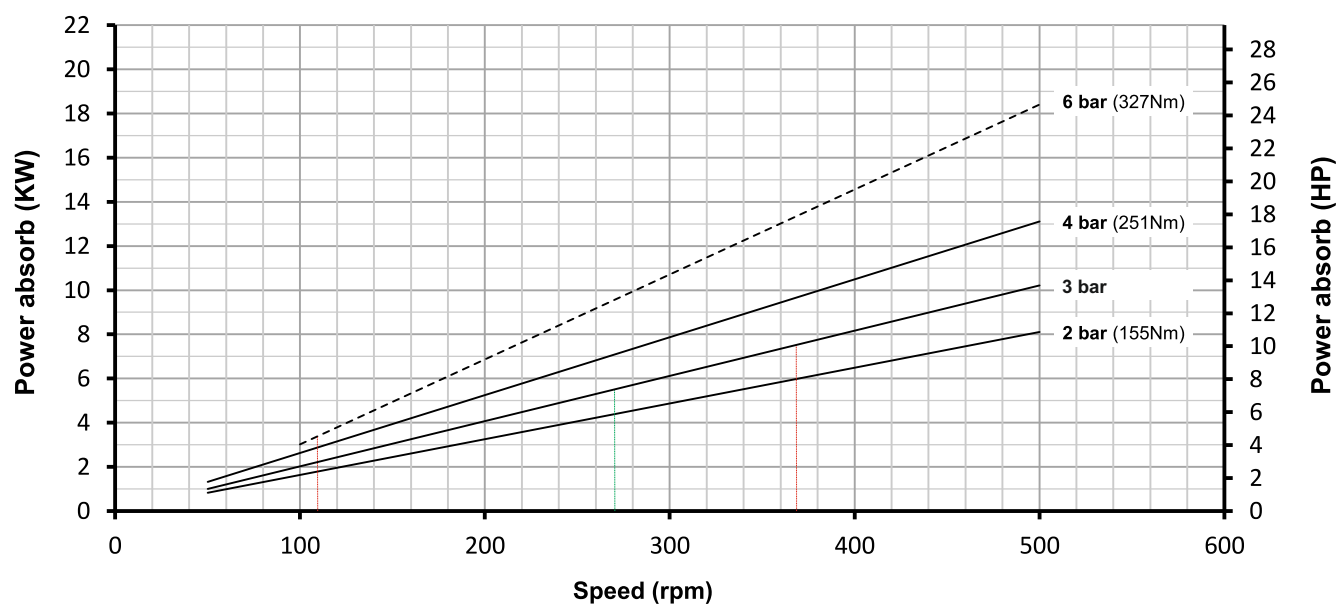
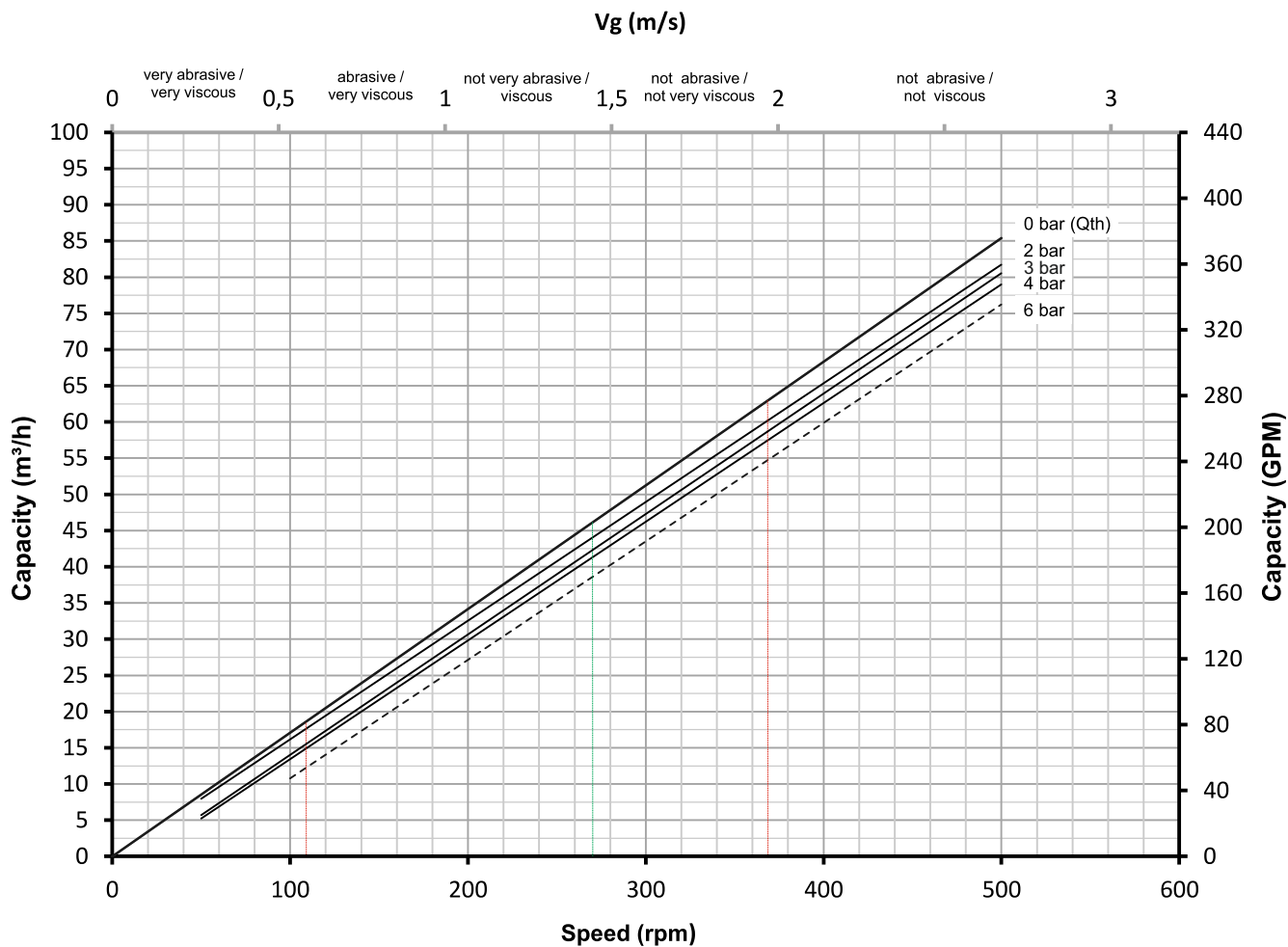


Data Based on clean Water 20° C / 65° F

## PERFORMANCE CURVE

MXF 600-7,5  
MXF 600-7,5 INCA

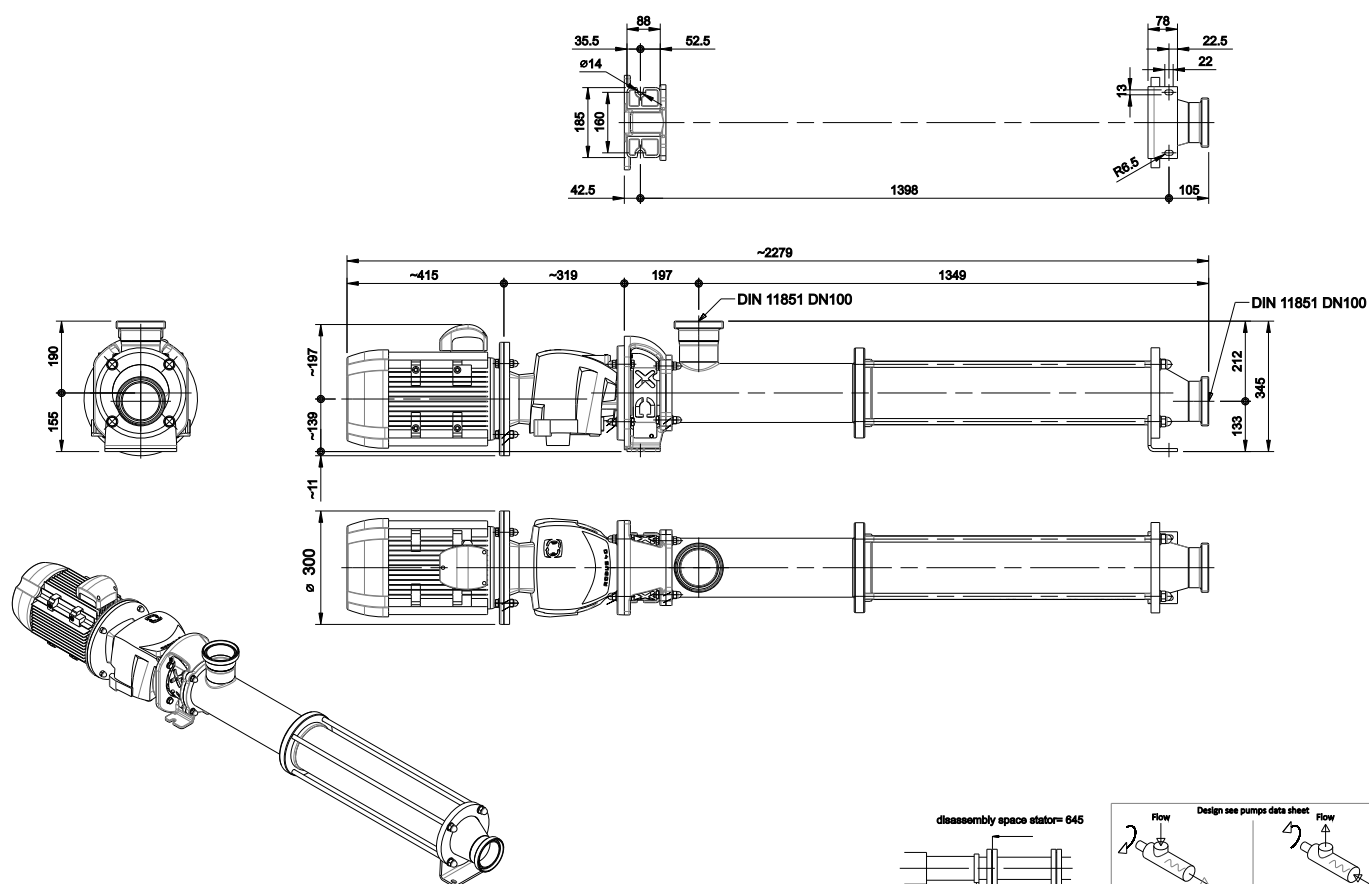
| Maximum Pressure based on Abrasivity |     |        |      |
|--------------------------------------|-----|--------|------|
| No                                   | Low | Medium | High |
| 6                                    | 5   | 4      | 3    |



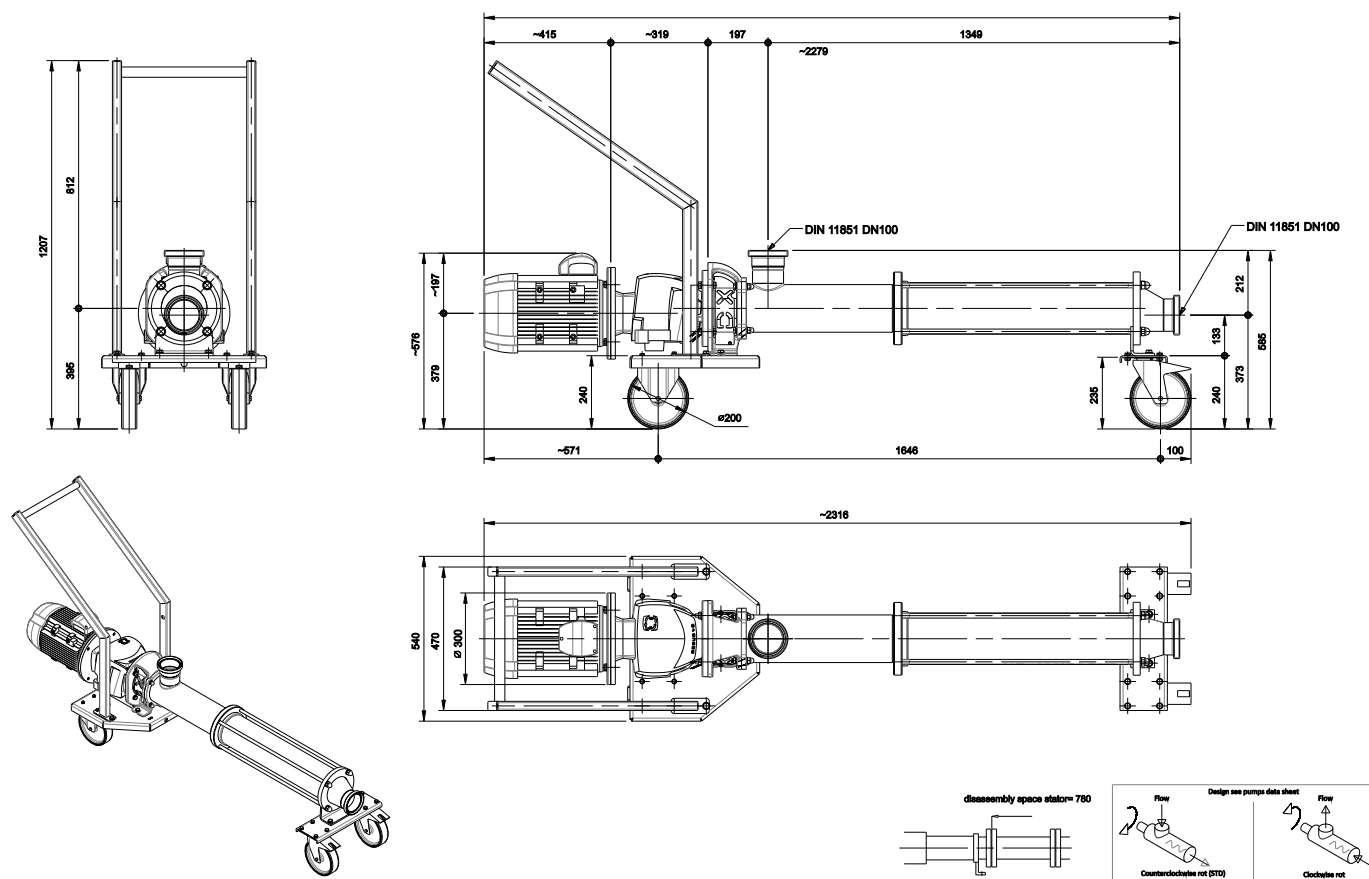
Starting Torque = 350 Nm \ 3098 in/lbs

Performance tolerance  $\pm 10\%$

## MXF600 INOX - GEARMOTOR KW 7,5 4 P. - 230/400V 50 HZ



## MXF600INCA INOX - TROLLEY INVERTER KW 7,5 400V 50 HZ

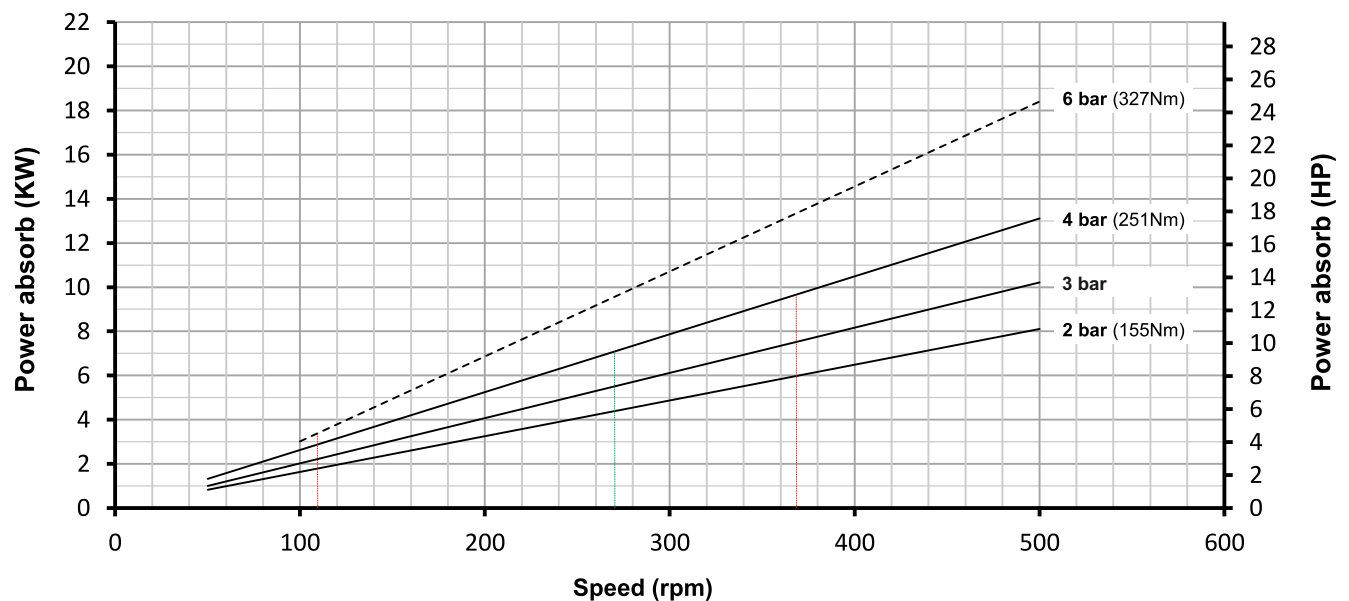
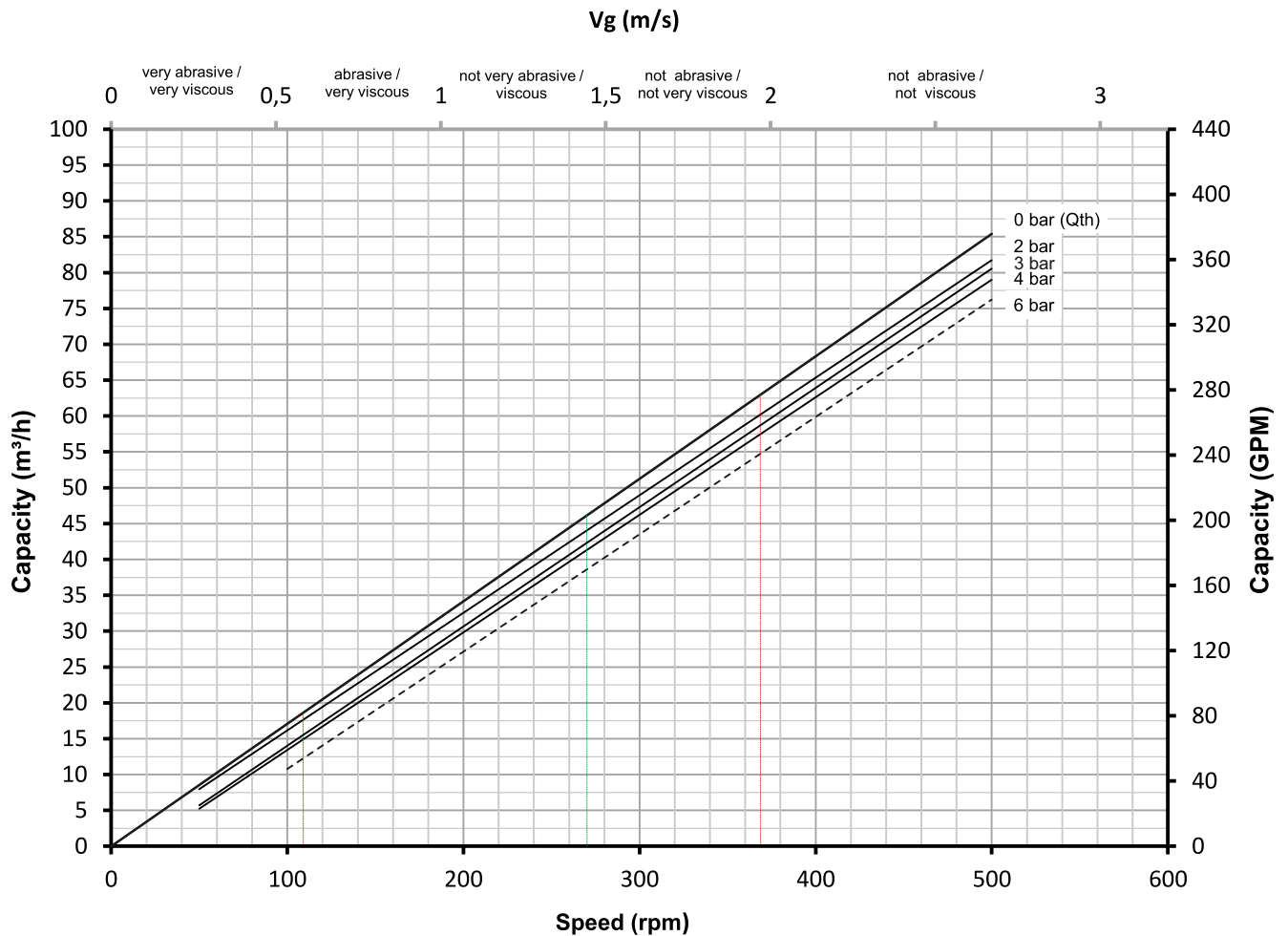


Data Based on clean Water 20° C / 65° F

## PERFORMANCE CURVE

..... MXF 600-11  
..... MXF 600-11 INCA

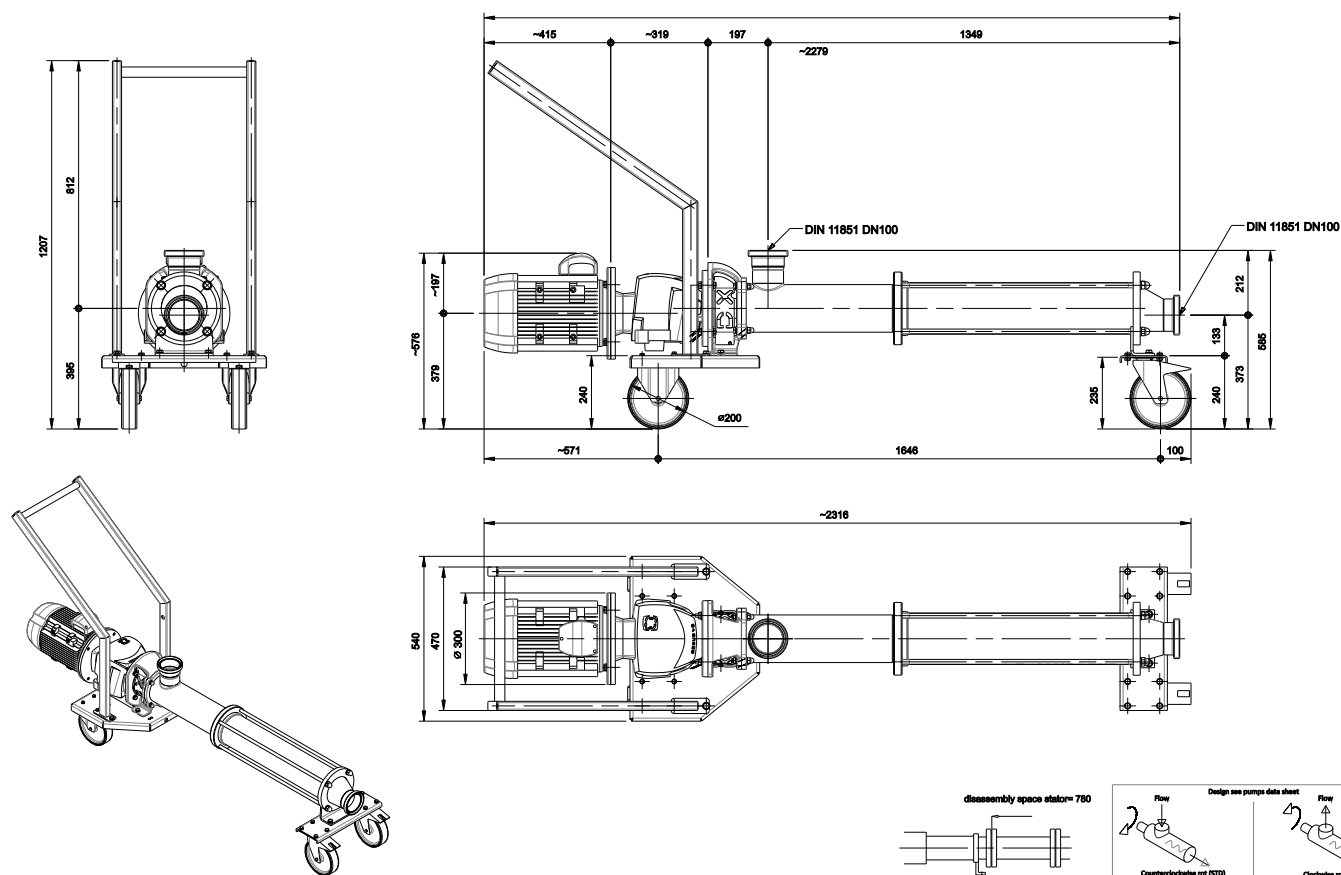
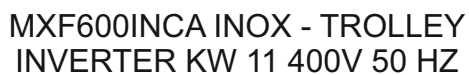
| Maximum Pressure based on Abrasivity |     |        |      |
|--------------------------------------|-----|--------|------|
| No                                   | Low | Medium | High |
| 6                                    | 5   | 4      | 3    |



Starting Torque = **350** Nm \ **3098** in/lbs

Performance tolerance ±10%

MXF600 INOX - GEARMOTOR  
KW 11 4 P. - 230/400V 50 HZ

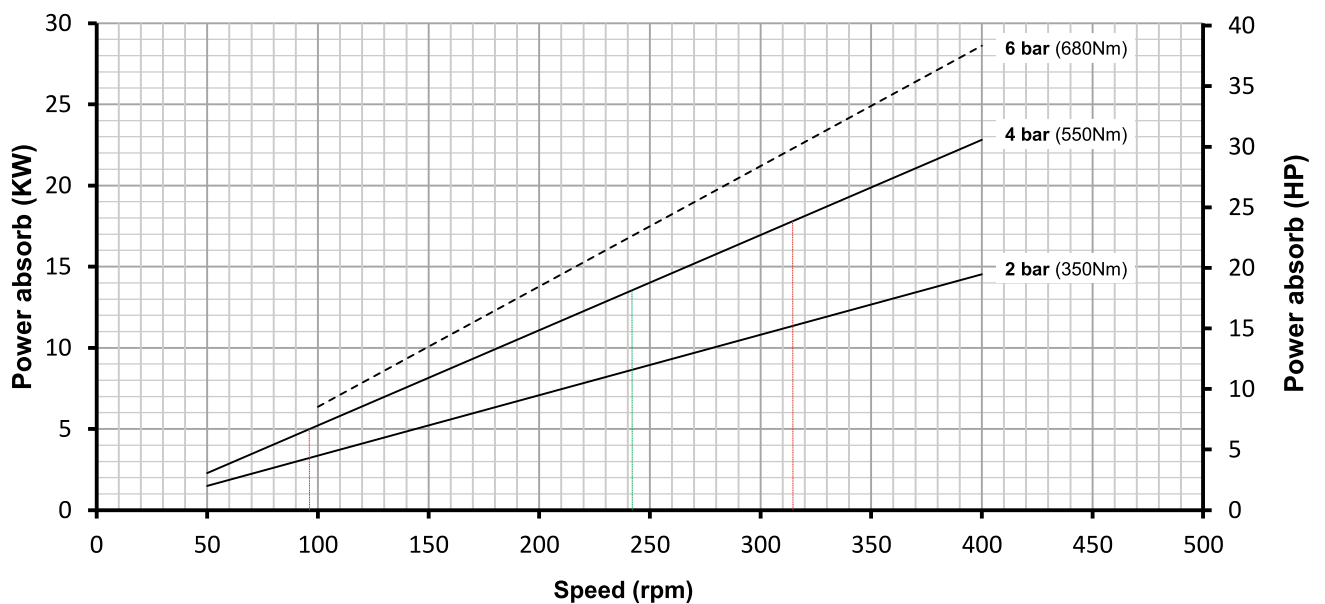
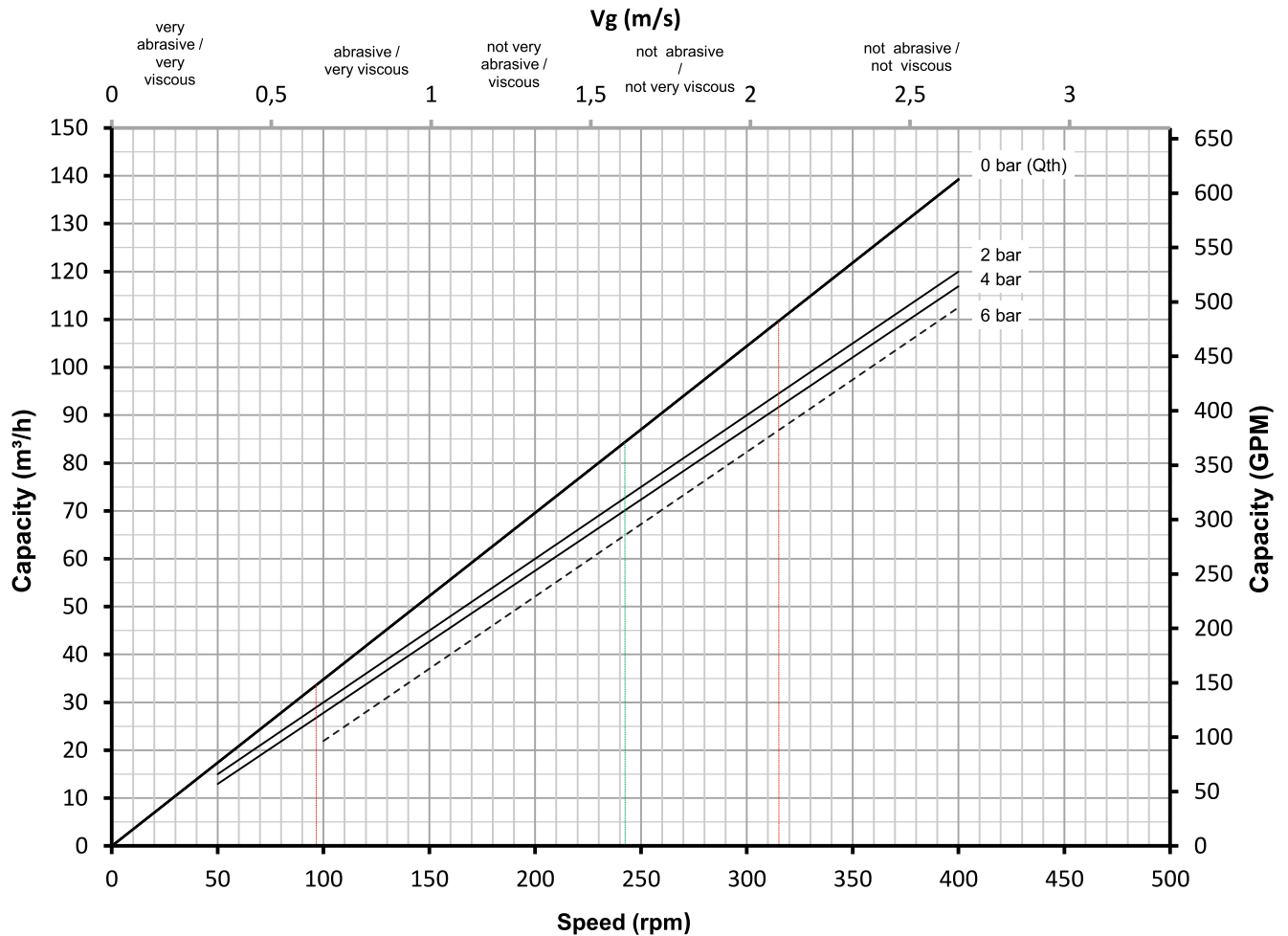


## PERFORMANCE CURVE

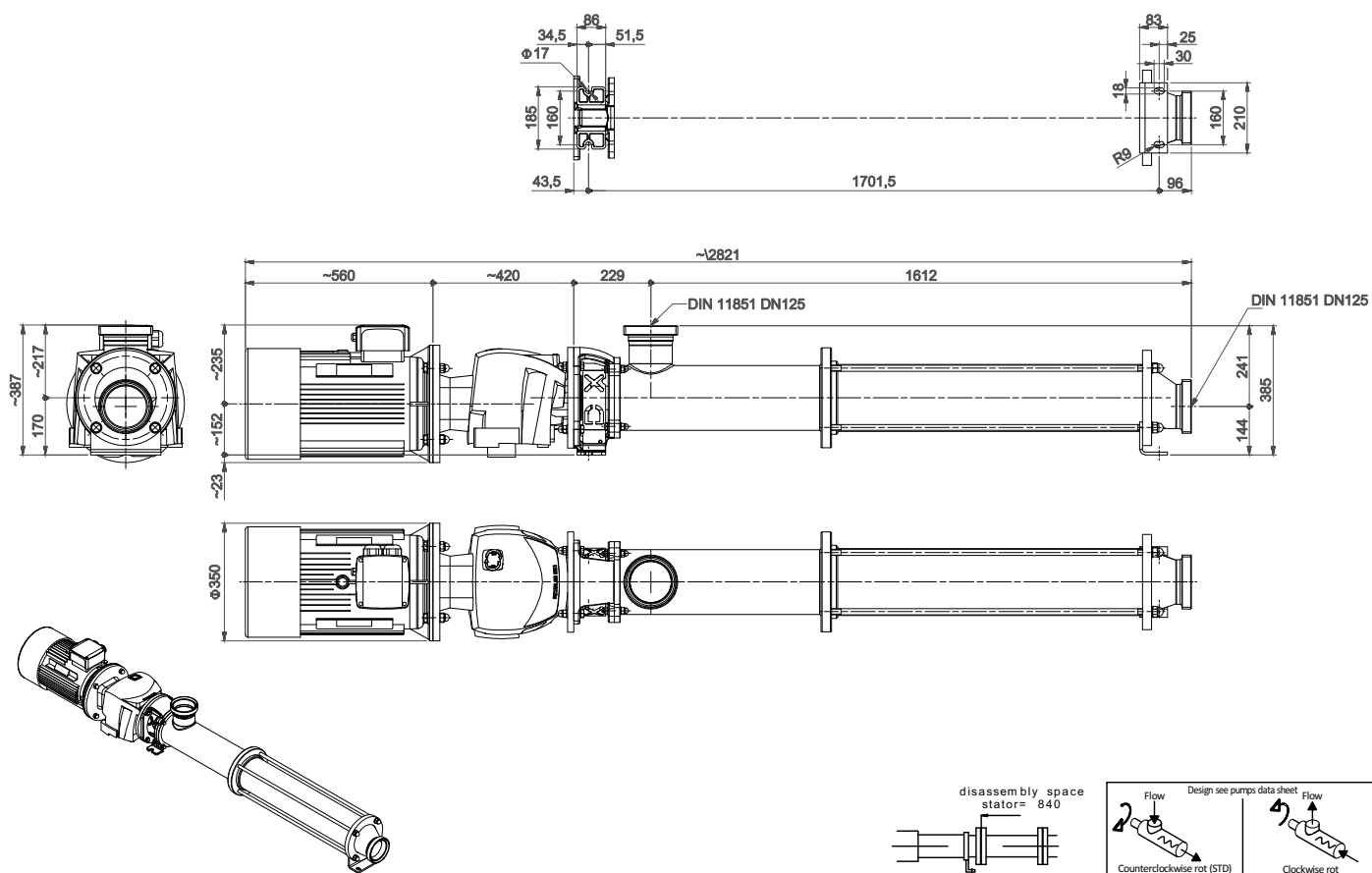
Data Based on clean Water 20° C / 65° F

MXF 1200  
MXF 1200 INCA

| Maximum Pressure based on Abrasivity |     |        |      |
|--------------------------------------|-----|--------|------|
| No                                   | Low | Medium | High |
| 6                                    | 5   | 4      | 3    |



# MXF1200 INOX - GEARMOTOR KW 15 4 P. - 400/690V 50 HZ



# MXF1200INCA INOX - TROLLEY INVERTER KW 15 400V 50 HZ

