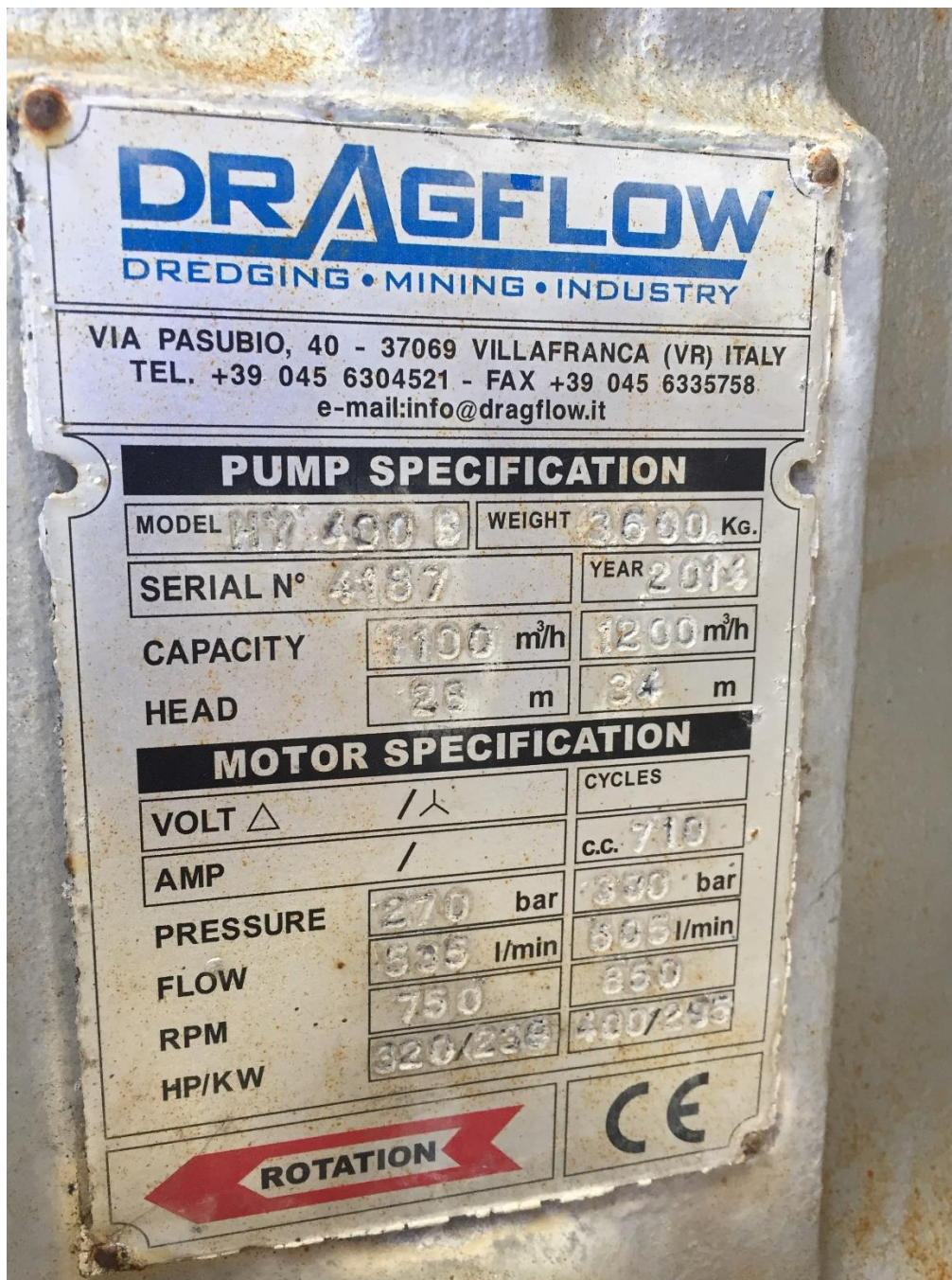


Dragflow Pump







Hydraulic pump HY 400 A/B

| TECHNICAL SPECIFICATIONS | mod. A | mod. B |
|--------------------------|---------------------------|---------------------------|
| Capacity (m³/h) | 900-1020 | 1020-1150 |
| Head (m) | 34-44 | 32-41 |
| Weight (kg) | 3550 | 3600 |
| Cross section (mm) | ø 120 | ø 120 |
| Impeller | 3 vanes closed / ø 760 mm | 3 vanes closed / ø 760 mm |
| Bore (mm) | ø 300 | ø 350 |

| MOTOR | mod. A | mod. B |
|-----------------------------|-------------------|-------------------|
| R.P.M. | 750 / 850 | 750 / 850 |
| Power (HP/kW) | 300-410 / 222-301 | 300-410 / 222-301 |
| Need of oil min-max (l/min) | 535-605 | 535-605 |
| Oil pressure min-max (bar) | 250-300 | 250-300 |
| Motor displacement (c.c.) | 710 | 710 |

MATERIALS

| | |
|---------------|----------------------------|
| Main body | spheroidal cast iron GS500 |
| Wearing parts | high chrom |
| Motor housing | cast iron G25 |
| Main shaft | austempering NiCrMo4 Steel |

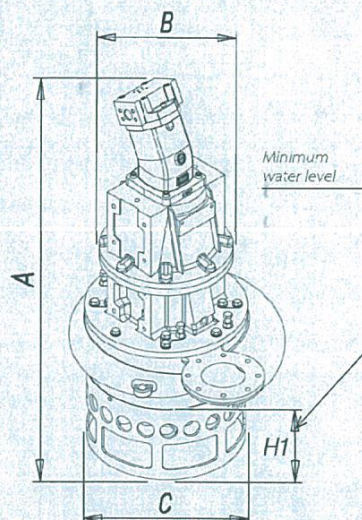
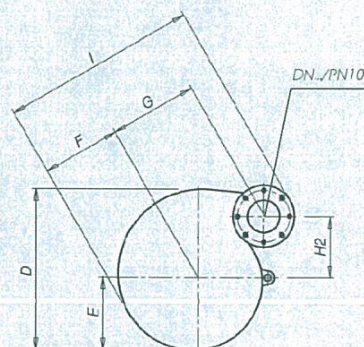
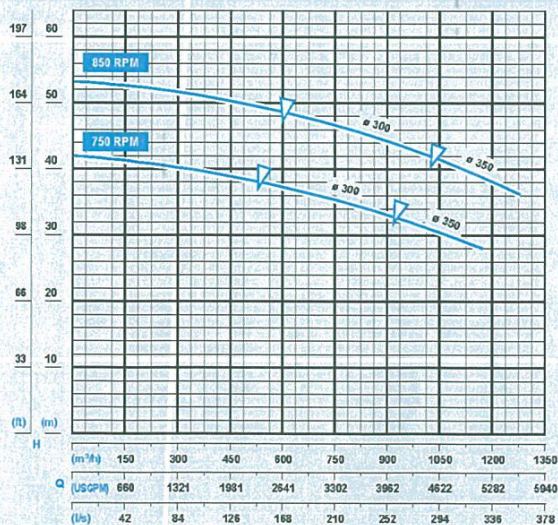
SEALS

| | |
|---------------|---|
| Motor zone | n°2 rubber lip seals n°1 PTFE lip seals. |
| Impeller zone | n°3 rubber lip seals n°2 PTFE lip seals with stainless steel spring (alternate) |

DIMENSIONS (mm)

| A | B | C | D | E | F | G | H1 | H2 | I |
|------|-----|------|------|-----|-----|-----|-----|-----|------|
| 2400 | 640 | 1015 | 1357 | 576 | 652 | 750 | 470 | 453 | 1600 |

PERFORMANCE CURVE



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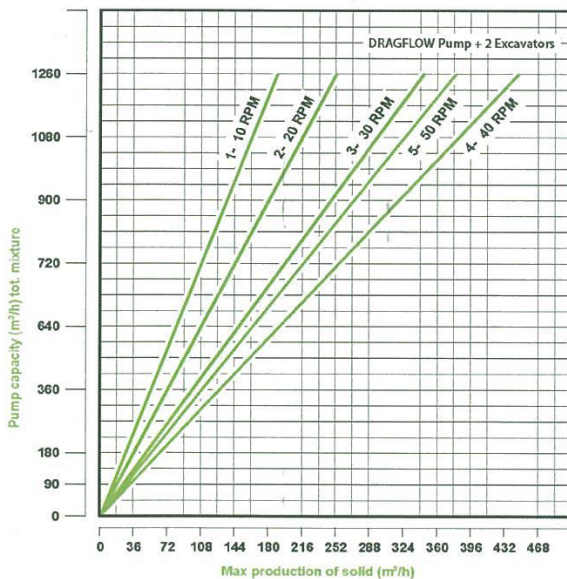
Hydraulic excavators **EXHY 35**

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|----------------------------|
| Hydraulic motor | Radial piston |
| R.P.M. | 30 / 40 / 50 |
| Power (cont. operation) (HP) | 18 / 24 / 30 |
| Power (inter. operation) (HP) | 21 / 28 / 36 |
| Capacity (l/min) | 35 / 46 / 58 |
| Pressure (cont. operation) (bar) | 250 |
| Pressure (inter. operation) (bar) | 350 |
| Torque (cont. operation) (kgm) | 418 / 420 / 423 |
| Torque (inter. operation) (kgm) | 501 / 504 / 507 |
| Oil specifications | Viscosity 33 mm/s (4.5 °F) |
| Fixture IN/OUT (BSP) | G 1 1/2" |
| Drainage (BSP) | G 1/2" |
| Weight (kg) | 550 |

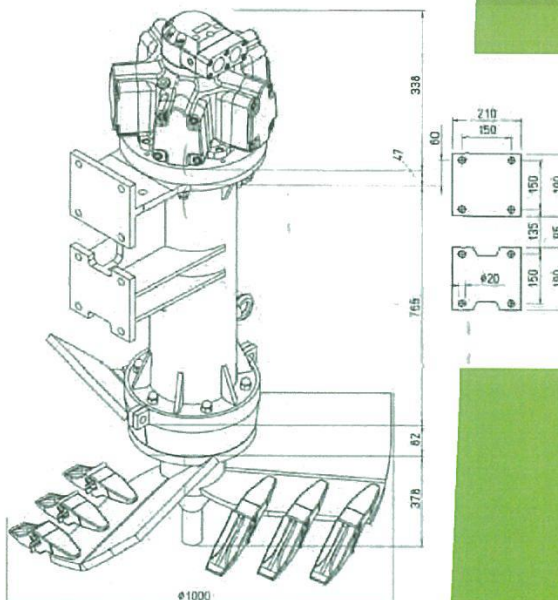


PERFORMANCE CURVE



MATERIALS COMPACTED HARD SAND

| | EXCAVATORS (RPM) | % OF SOLID |
|---|------------------|------------|
| 1 | 10 | 15 % |
| 2 | 20 | 20 % |
| 3 | 30 | 28 % |
| 4 | 40 | 35 % |
| 5 | 50 | 30 % |



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