



Pompe centrifughe che abbinano medie prevalenze a portate medio alte; adatte per irrigazioni a pioggia e in generale dove oltre alla silenziosità viene richiesta una lieve oscillazione di pressione al variare della portata.

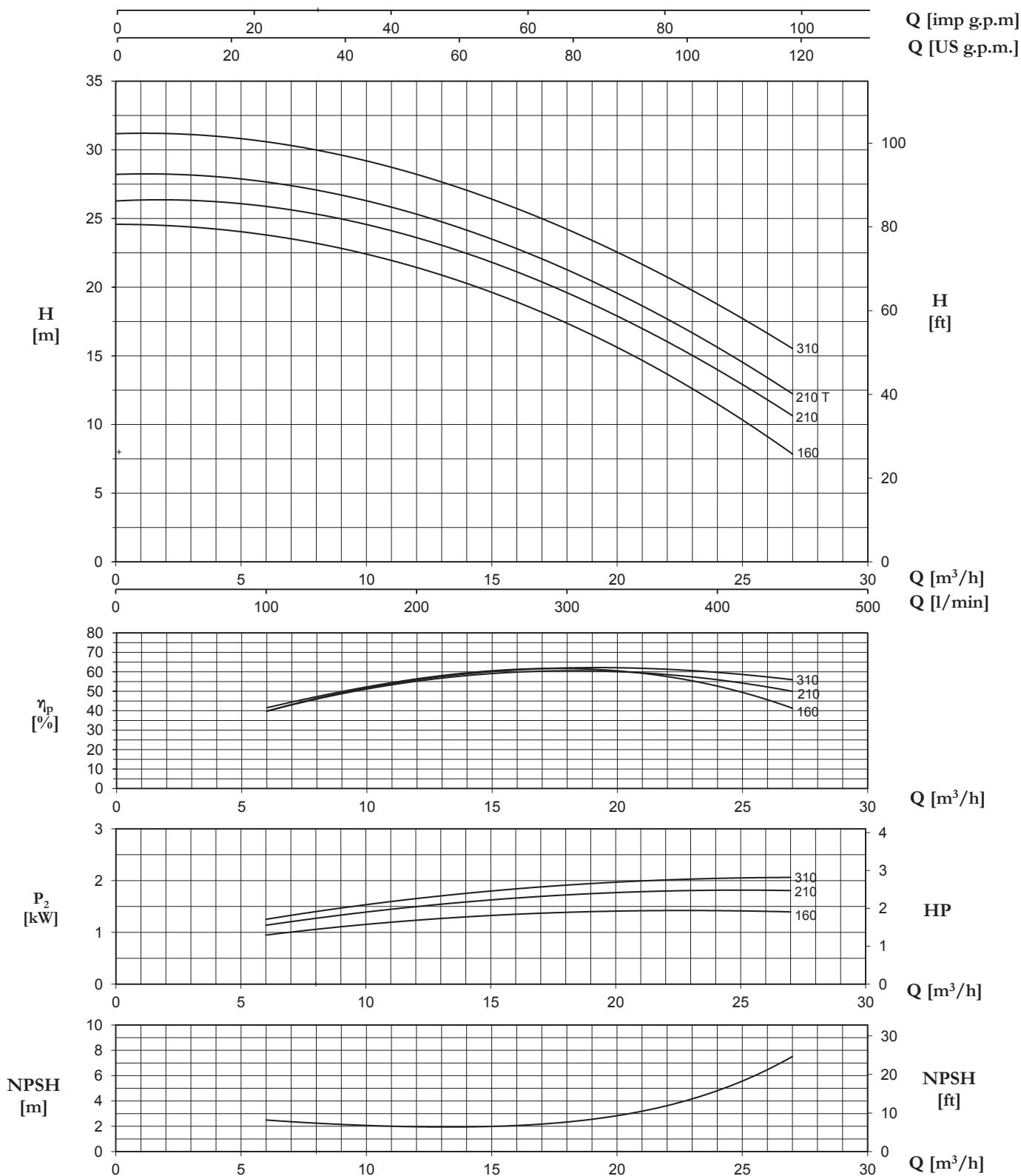
Centrifugal pumps that combine medium head with medium-high delivery; ideal for sprinkle irrigation and in applications where quiet operations are requested and only slight pressure change as the delivery changes.

Bombas centrífugas que combinan prevalencias medias con caudales medio-altos; apropiadas para riegos por aspersión en general donde además del silencio se solicita una leve oscilación de presión cuando varía el caudal.

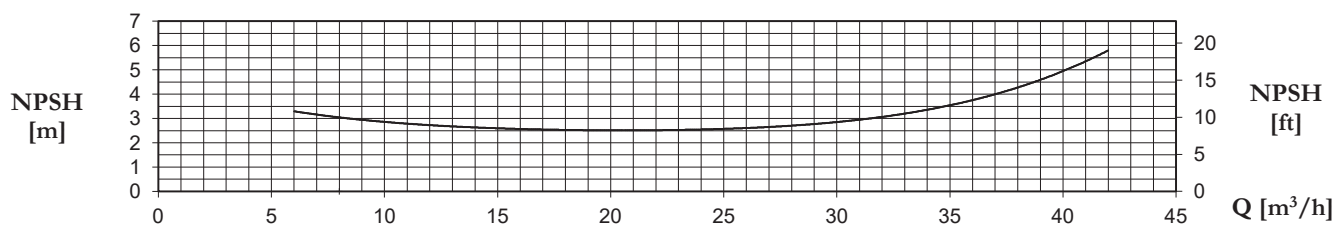
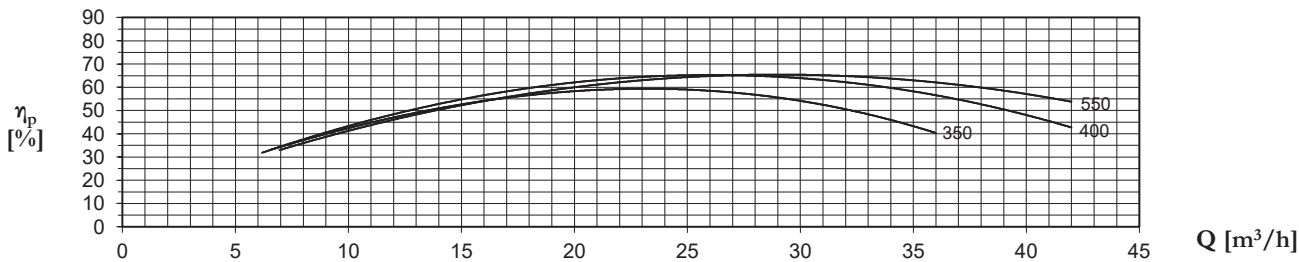
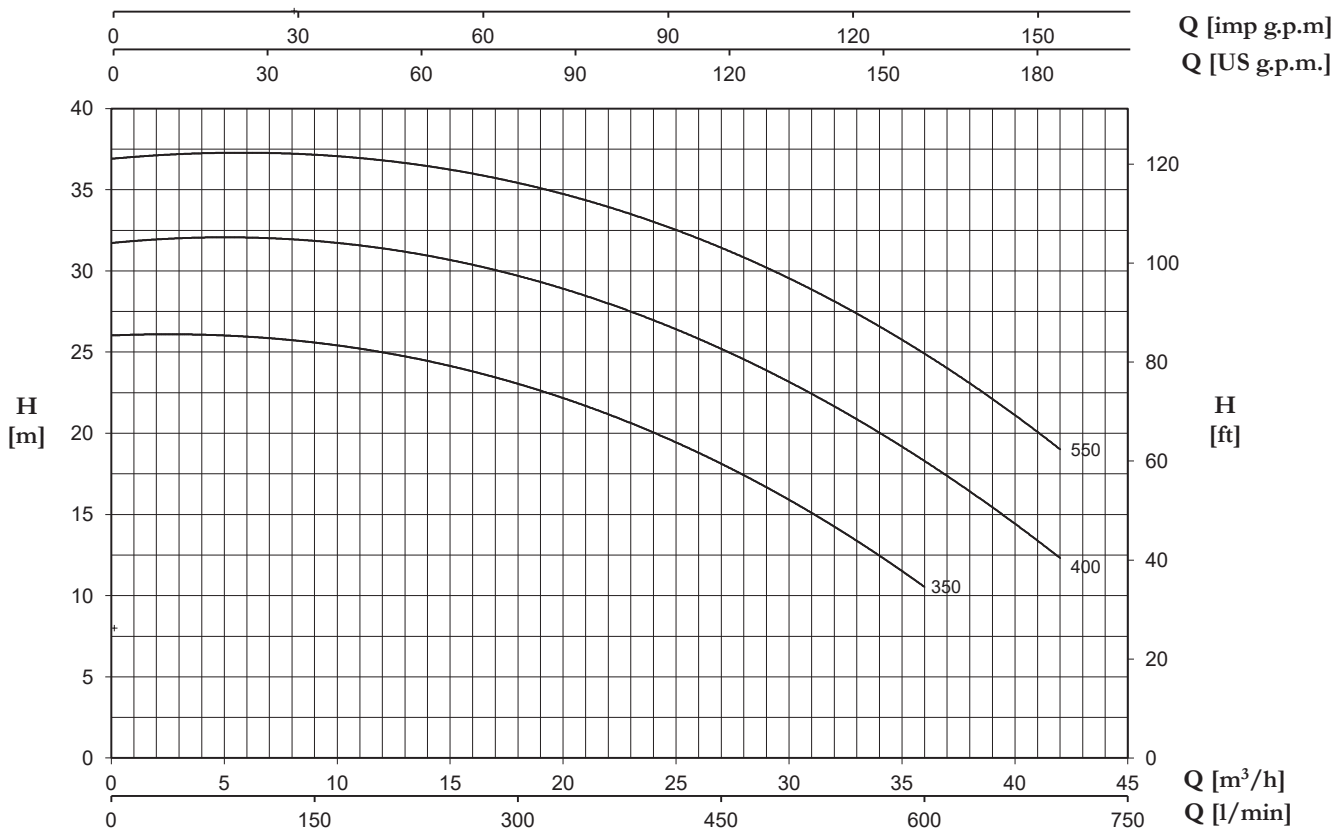
Odstředivá čerpadla, která kombinují středotlaké výšky se středně vysokými průtoky; vhodné pro zavlažování a pro aplikace, kde je požadován tichý chod a pro systémy s malými změnami tlaku v provozu.

**CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES  
CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY**

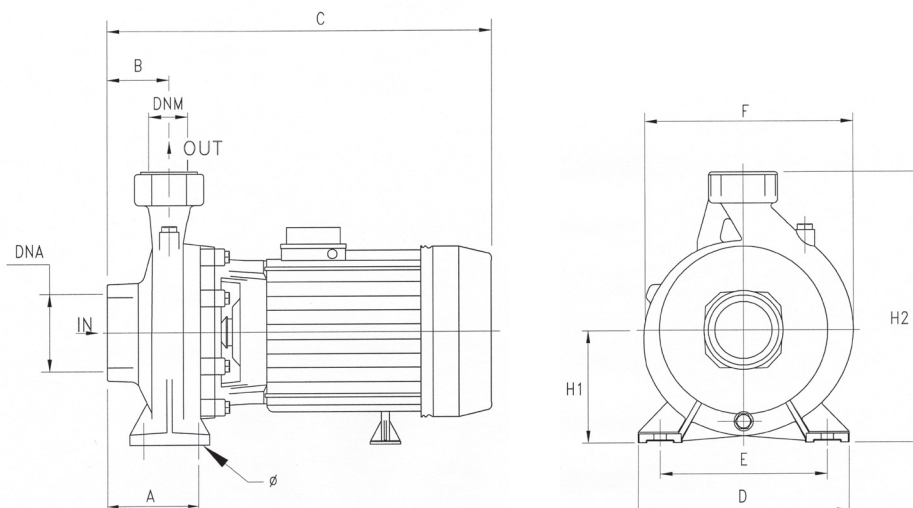
|                                       |   |
|---------------------------------------|---|
| <b>Corpo pompa</b>                    | ghisa   |
| <b>Pump body</b>                      | cast iron   |
| <b>Cuerpo bomba</b>                   | fundición   |
| <b>Těleso čerpadla</b>                | litina  |
| <b>Supporto motore</b>                | ghisa   |
| <b>Motor bracket</b>                  | cast iron   |
| <b>Soporte motor</b>                  | fundición   |
| <b>Držák motoru</b>                   | litina  |
| <b>Girante</b>                        | ottone (CH 160-310)<br>ghisa (CH 350-550)   |
| <b>Impeller</b>                       | brass (CH 160-310)<br>cast iron (CH 350-550)  |
| <b>Rodete</b>                         | latón (CH 160-310)<br>fundición (CH 350-550)  |
| <b>Oběžné kolo</b>                    | mosaz (CH 160-310)<br>litina (CH 350-550)   |
| <b>Tenuta meccanica</b>               | ceramica-grafite  |
| <b>Mechanical seal</b>                | ceramic-graphite  |
| <b>Sello mecánico</b>                 | cerámica-grafito  |
| <b>Mechanická ucpávka</b>             | keramika-grafit   |
| <b>Albero motore</b>                  | acciaio AISI 303  |
| <b>Motor shaft</b>                    | stainless steel AISI 303  |
| <b>Eje motor</b>                      | acero AISI 303  |
| <b>Hřídel motoru</b>                  | nerezová ocel AISI 303  |
| <b>Temperatura del liquido</b>        |   |
| <b>Liquid temperature</b>             | 0 - 90 °C   |
| <b>Temperatura del líquido</b>        |   |
| <b>Teplota média</b>                  |   |
| <b>Pressione di esercizio</b>         |   |
| <b>Operating pressure</b>             | max 6 bar   |
| <b>Presión de trabajo</b>             |   |
| <b>Pracovní tlak</b>                  |   |
| <b>MOTORE / MOTOR / MOTOR / MOTOR</b> |   |
| <b>Motore 2 poli a induzione</b>      | 3~ 230/400V-50Hz  |
| <b>2 pole induction motor</b>         | 1~ 230V-50Hz  |
| <b>Motor de 2 polos a inducción</b>   | (con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| <b>2-pólový indukční motor</b>        |   |
| <b>Classe di isolamento</b>           |   |
| <b>Insulation class</b>               | F   |
| <b>Clase de aislamiento</b>           |   |
| <b>Izolační třída</b>                 |   |
| <b>Grado di protezione</b>            |   |
| <b>Protection degree</b>              | IP44  |
| <b>Grado de protección</b>            |   |
| <b>Krytí</b>                          |   |





| TYPE/TYP |         | P2   |      | P1 (kW) |     | PROUD            |                  | Q (m³/h - l/min) |      |      |      |      |      |      |      |      |
|----------|---------|------|------|---------|-----|------------------|------------------|------------------|------|------|------|------|------|------|------|------|
| 1~       | 3~      | (HP) | (kW) | 1~      | 3~  | 1~               | 3~               | 0                | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 27   |
|          |         |      |      |         |     | 1x230 V<br>50 Hz | 3x400 V<br>50 Hz | 0                | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  |
|          |         |      |      |         |     |                  |                  | H (m)            |      |      |      |      |      |      |      |      |
| CH 160   | CHT 160 | 1,5  | 1,1  | 1,8     | 1,8 | 8,3              | 3,4              | 24,5             | 23,9 | 22,9 | 21,4 | 19,5 | 17,3 | 14,7 | 11,6 | 7,8  |
| CH 210   | -       | 2    | 1,5  | 2,1     | -   | 10,1             | -                | 26,3             | 25,9 | 25,0 | 23,6 | 21,7 | 19,6 | 17,1 | 14,1 | 10,6 |
| -        | CHT 210 | 2    | 1,5  | -       | 2,2 | -                | 4,7              | 28,2             | 27,6 | 26,7 | 25,3 | 23,5 | 21,3 | 18,6 | 15,6 | 12,2 |
| CH 310   | CHT 310 | 3    | 2,2  | 2,8     | 2,6 | 12,4             | 5,0              | 31,2             | 30,5 | 29,6 | 28,3 | 26,4 | 24,3 | 21,6 | 18,6 | 15,6 |



| TYPE/TYP |         | P2   |      | P1 (kW) |      | PROUD            |                  | Q (m³/h - l/min) |      |      |    |      |      |      |
|----------|---------|------|------|---------|------|------------------|------------------|------------------|------|------|----|------|------|------|
| 1~       | 3~      |      |      |         |      | 1~               | 3~               | 6                | 12   | 18   | 24 | 30   | 36   | 42   |
|          |         | (HP) | (kW) | 1~      | 3~   | 1x230 V<br>50 Hz | 3x400 V<br>50 Hz | H (m)            |      |      |    |      |      |      |
| CH 350   | CHT 350 | 3    | 2,2  | 2,95    | 2,84 | 13,5             | 5,1              | 26               | 25   | 23   | 20 | 16   | 10,5 | -    |
| CH 400   | CHT 400 | 4    | 3    | 4,6     | 4,2  | 20,5             | 7,6              | 31,8             | 31,6 | 29,7 | 27 | 23   | 18,4 | 12,3 |
| -        | CHT 550 | 5,5  | 4    | -       | 5,1  | -                | 10               | 37               | 37   | 35,5 | 33 | 29,4 | 25   | 19   |



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) |    |     |     |     |     |     |     |     |      |  |     |     | Kg  |      |
|----------|-------------------------|----|-----|-----|-----|-----|-----|-----|-----|------|---|-----|-----|-----|------|
|          | A                       | B  | C   | D   | E   | F   | Ø   | H1  | H2  | DNA  | DNM   | I   | L   |     | M    |
| CH 160   | 105                     | 48 | 370 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2" G | 2" G  | 390 | 230 | 300 | 22   |
| CH 210   | 105                     | 48 | 370 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2" G | 2" G  | 390 | 230 | 300 | 24   |
| CH 310   | 105                     | 48 | 410 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2" G | 2" G  | 430 | 230 | 300 | 32   |
| CHT 310  | 105                     | 48 | 370 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2" G | 2" G  | 390 | 230 | 300 | 26   |
| CH 350   | 105                     | 70 | 425 | 240 | 190 | 240 | 14  | 126 | 306 | 3" G | 2" G  | 460 | 270 | 360 | 34,5 |
| CHT 350  | 105                     | 70 | 385 | 240 | 190 | 240 | 14  | 126 | 306 | 3" G | 2" G  | 400 | 270 | 360 | 28,5 |
| CH 400   | 105                     | 70 | 445 | 240 | 190 | 240 | 14  | 126 | 306 | 3" G | 2" G  | 460 | 270 | 360 | 38,7 |
| CHT 400  | 105                     | 70 | 425 | 240 | 190 | 240 | 14  | 126 | 306 | 3" G | 2" G  | 460 | 270 | 360 | 33,2 |
| CHT 550  | 105                     | 70 | 445 | 240 | 190 | 240 | 14  | 126 | 306 | 3" G | 2" G  | 460 | 270 | 360 | 38,7 |

| TYPE       |  |          |             |          |
|------------|---|----------|-------------|----------|
|            | TRUCK   |          | CONTAINER   |          |
|            | PALLET (cm)   | N° pumps | PALLET (cm) | N° pumps |
| CH 160-310 | 85x11x140   | 40       | 85x110x195  | 60       |
| CH 350-550 | 85x110x150  | 30       | 85x110x180  | 30       |