



| Speed <sup>7,8</sup><br>fps<br>(m/s) | Min. Overhead<br>(Deflector sheave<br>in Overhead) 4 | Min. Overhead<br>(Sheave in<br>machine room) | Pit Depth        |
|--------------------------------------|--|--|------------------|
|                                      | OH   | OH   | P                |
| 700 (3.5)                            | 24'-0" (7315 mm)                                     | 22'-0" (6710 mm)                             | 12'-0" (3660 mm) |
| 800 (4.0)                            | 24'-6" (7470 mm)                                     | 22'-6" (6860 mm)                             | 12'-0" (3660 mm) |
| 1000 (5.0)                           | 28'-0" (8535 mm)                                     | 26'-0" (7925 mm)                             | 16'-0" (4875 mm) |
| 1200 (6.0)                           | 29'-6" (8995 mm)                                     | 27'-6" (8380 mm)                             | 19'-0" (8380 mm) |

- ④ Designed for 8'-0" [2440] high cab. For 9'-0" [2745] high Cab, Overhead + 1'-0" [305], For 10'-0" [3050] high Cab, Overhead + 2'-0" [610]
- ⑤ When occupable space is below hoistway, counterweight safeties are required. Add 9,5" [240] to the hoistway size of counterweight location.
- ⑥ For duplex or triplex with rear entrance, see drawing on next page to calculate hoistway needed.
- ⑦ 1:1 Roping Factor with Gearless machine
- ⑧ 2:1 Roping Factor with Geared machine
- ⑨ Dimensional data is in accordance with ASME A17.1 and CAN/CSA B44 elevator codes.

| Type of Opening | Capacity<br>lbs<br>(kg) | Speed <sup>7,8</sup><br>fpm<br>(m/s) | Hoistway Width  |                  | Hoistway Depth       | Platform Width  | Platform Depth       | Cab Inside Width | Cab Inside Depth     | Clear Opening   |
|-----------------|-------------------------|--------------------------------------|-----------------|------------------|----------------------|-----------------|----------------------|------------------|----------------------|-----------------|
|                 |                         |                                      | HW <sup>5</sup> | THW <sup>5</sup> |                      |                 |                      |                  |                      |                 |
| 2SP             | 4000<br>(1800)          | 700-1200<br>(3.5-6.1)                | 8'-0"<br>(2440) | 24'-8"<br>(7520) | 10'-9 1/4"<br>(3285) | 5'-8"<br>(1730) | 9'-5 3/4"<br>(2890)  | 5'-4"<br>(1626)  | 7'-11 3/4"<br>(2432) | 4'-0"<br>(1220) |
| 2SP             | 4500<br>(2000)          | 700-1200<br>(3.5-6.1)                | 8'-4"<br>(2540) | 25'-8"<br>(7825) | 10'-9 1/4"<br>(3285) | 6'-0"<br>(1830) | 9'-5 3/4"<br>(2890)  | 5'-8"<br>(1727)  | 7'-11 3/4"<br>(2432) | 4'-0"<br>(1220) |
| 2SP             | 5000<br>(2250)          | 700-1200<br>(3.5-6.1)                | 8'-7"<br>(2615) | 26'-5"<br>(8050) | 11'-4 1/4"<br>(3460) | 6'-3"<br>(1905) | 10'-0 3/4"<br>(3070) | 5'-11"<br>(1803) | 8'-6 3/4"<br>(2610)  | 4'-6"<br>(1370) |

|   |                 |             |
|---|-----------------|-------------|
| For seismic conditions zone 2 and greater add to dimension (in)[mm] | HW              | 4" (100 mm) |
|   | HD              | 1" (25 mm)  |
|   | HW Rear Opening | 3" (75 mm)  |

Project : \_\_\_\_\_  
 Location: \_\_\_\_\_

## Traction Gearless Overhead HOSPITAL TYPE - Triplex 2-Speed Front & Rear Opening

Grøupe manufacturier d'ascenseurs



Elevator Manufacturing Group