

## BM-B PUSH PULL PROPS LOAD CLASS TABLE

VERSION 24.1 | DATE 01.09.2024

**> The table below shows the load capacity for each given prop type in relation to the prop size. The advised load capacities must not be exceeded. If in doubt, please reach out to Scafom-rux for consultation.**

Scafom-rux reserves the right to update the load table. Please visit our website [www.scafom-rux.com](http://www.scafom-rux.com) to download the latest version.

| Prop type             | BM-B 290                             | BM-B 400  | BM-B 530  |
|-----------------------|--------------------------------------|-----------|-----------|
| Product no.           | E01BM0072                            | E01BM0074 | E01BM0077 |
| Min. prop length (mm) | 1760                                 | 2340      | 3010      |
| Max. prop length (mm) | 2900                                 | 4010      | 5350      |
| Weight (kg)           | 15,0                                 | 19,0      | 24,0      |
| Prop size (mm)        | Max. permissible load (y= 1,65) (kN) |           |           |
| 1700                  | 34,5                                 |           |           |
| 1800                  | 34,5                                 |           |           |
| 1900                  | 34,5                                 |           |           |
| 2000                  | 34,0                                 |           |           |
| 2100                  | 33,6                                 |           |           |
| 2200                  | 30,0                                 |           |           |
| 2300                  | 26,8                                 | 31,5      |           |
| 2400                  | 24,5                                 | 34,5      |           |
| 2500                  | 22,1                                 | 34,5      |           |
| 2600                  | 20,3                                 | 34,5      |           |
| 2700                  | 18,4                                 | 34,5      |           |
| 2800                  | 16,6                                 | 32,9      |           |
| 2900                  | 15,0                                 | 31,4      |           |
| 3000                  |                                      | 28,5      | 34,5      |
| 3100                  |                                      | 25,7      | 31,3      |
| 3200                  |                                      | 23,6      | 28,5      |
| 3300                  |                                      | 21,4      | 26,5      |
| 3400                  |                                      | 19,8      | 24,3      |
| 3500                  |                                      | 18,2      | 22,2      |
| 3600                  |                                      | 16,9      | 19,9      |
| 3700                  |                                      | 15,7      | 17,8      |
| 3800                  |                                      | 14,8      | 15,7      |
| 3900                  |                                      | 13,9      | 14,7      |
| 4000                  |                                      | 12,5      | 13,5      |
| 4100                  |                                      |           | 12,6      |
| 4200                  |                                      |           | 11,5      |
| 4300                  |                                      |           | 10,8      |
| 4400                  |                                      |           | 10,0      |
| 4500                  |                                      |           | 9,4       |
| 4600                  |                                      |           | 8,7       |
| 4700                  |                                      |           | 8,2       |
| 4800                  |                                      |           | 7,6       |
| 4900                  |                                      |           | 7,2       |
| 5000                  |                                      |           | 6,8       |
| 5100                  |                                      |           | 6,5       |
| 5200                  |                                      |           | 6,1       |
| 5300                  |                                      |           | 5,5       |



BM-B

Maximum tensile load at adjustment angle of 45° is 32,0 kN  
Maximum tensile load at adjustment angle of 60° is 12,0 kN