YJACK Technology Sdn Bhd (201401010831/1086910-H)
No 20, Jalan PP 11/5, Alam Perdana Industrial Park, 47130 Puchong, Selangor, Malaysia.
(TEL) +6016-2168129/2158129 (EM)YJACKpiletest@hotmail.com
(WEB) YJACKpiletest.com | BDpiletest.com (NET) Facebook.com/YJACKpiletest | YouTube.com/YJACKpiletest

globalgroup ISO 9001 UKAS MANAGEMENT SYSTEMS 5965
Reg. No. 84Q19141

YJACK

YJACK

CATALOG

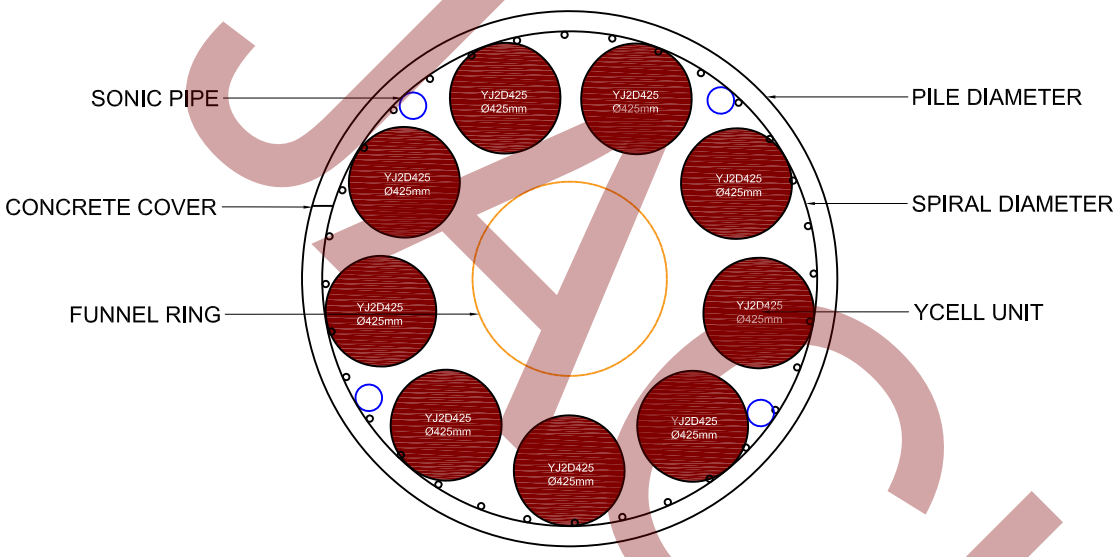
V20200901

ANNOTATION

YCELL Capacity in BD = 1*4,700 = 4,700kN ← NOMINAL LOAD IN BI-DIRECTIONAL

YJACK Capacity in BD = 9*4,700 = 42,300kN ← NOMINAL LOAD IN BI-DIRECTIONAL

0 < Applied Load in BD ≤ 42,300kN ← RANGE OF APPLIED LOAD



9*4GYJ2D425 ← YCELL MODEL

Tremie Hole = 800mm ← TREMIE HOLE

Loading Area = 40.6% ← LOADING AREA

YJACK

DEFINITION

APPLIED LOAD

0 < Applied Load in BD ≤ 42,300kN

- Load is applied in bi-directional (BD)

YCELL MODEL

9* 4G YJ 2D 425

- 425 — Outer Diameter
- 2D — Model Design
- YJ — YCELL Trademark
- 4G — 4th Generation
- 9* — YCELL Quantity

LOADING AREA

Loading Area = 40.6%

- $\frac{\text{Area Jack}}{\text{Area Pile}}$ (shall within 30-60% range)

YJACK

EXAMPLE

① Pile Design :

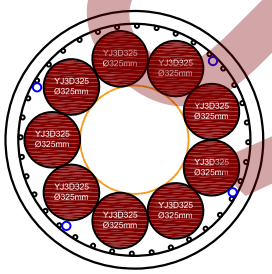
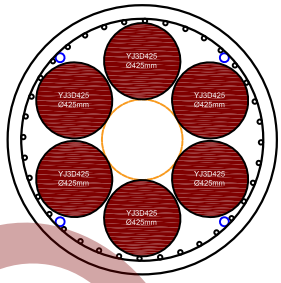
Pile Size = BP1,500mm (Bored Pile 1,500Ø)

Working Load (WL) = 17,600kN

Safety Factor (SF) = 2.0

Test Load (TL) = 35,200kN (TL = WL x SF)

② YJACK Design :

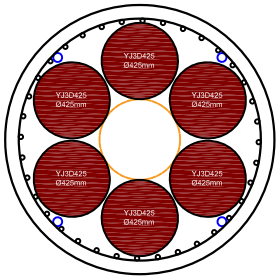
Design 1	Design 2
YCELL Capacity in BD = 1*4,000 = 4,000kN YJACK Capacity in BD = 9*4,000 = 36,000kN 0 < Applied Load in BD ≤ 36,000kN  9*4GYJ3D325 Tremie Hole = 630mm Loading Area = 42.3%	YCELL Capacity in BD = 1*6,000 = 6,000kN YJACK Capacity in BD = 6*6,000 = 36,000kN 0 < Applied Load in BD ≤ 36,000kN  6*4GYJ3D425 Tremie Hole = 450mm Loading Area = 48.2%

③ Select Model :

YCELL Capacity in BD = 1*6,000 = 6,000kN

YJACK Capacity in BD = 6*6,000 = 36,000kN

0 < Applied Load in BD ≤ 36,000kN



6*4GYJ3D425

Tremie Hole = 450mm

Loading Area = 48.2%

(Design 2 is selected due to higher percentage of loading area)

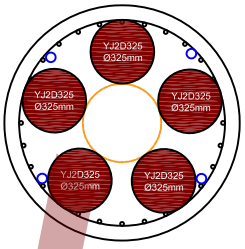
YJACK

UNIT

1. All loading display in kN unit
2. All dimension display in mm unit

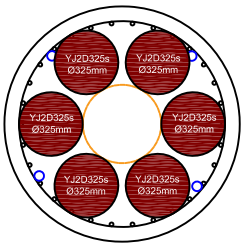
YJACK

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 5*2,700 = 13,500kN
0 < Applied Load in BD ≤ 13,500kN



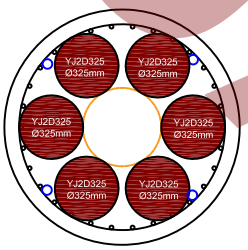
5*4GYJ2D325
Tremie Hole = 400mm
Loading Area = 36.7%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 6*3,300 = 19,800kN
0 < Applied Load in BD ≤ 19,800kN



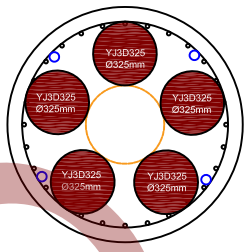
6*4GYJ2D325s
Tremie Hole = 400mm
Loading Area = 44.0%

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 6*2,700 = 16,200kN
0 < Applied Load in BD ≤ 16,200kN



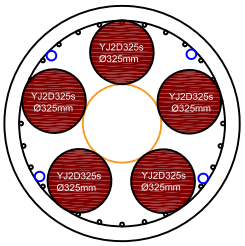
6*4GYJ2D325
Tremie Hole = 400mm
Loading Area = 44.0%

YCELL Capacity in BD = 1*4,000 = 4,000kN
YJACK Capacity in BD = 5*4,000 = 20,000kN
0 < Applied Load in BD ≤ 20,000kN



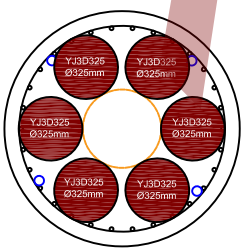
5*4GYJ3D325
Tremie Hole = 400mm
Loading Area = 36.7%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 5*3,300 = 16,500kN
0 < Applied Load in BD ≤ 16,500kN



5*4GYJ2D325s
Tremie Hole = 400mm
Loading Area = 36.7%

YCELL Capacity in BD = 1*4,000 = 4,000kN
YJACK Capacity in BD = 6*4,000 = 24,000kN
0 < Applied Load in BD ≤ 24,000kN

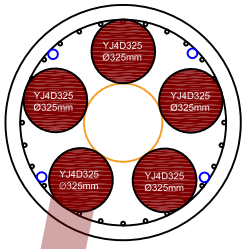


6*4GYJ3D325
Tremie Hole = 400mm
Loading Area = 44.0%

YCELL Capacity in BD = 1*4,800 = 4,800kN

YJACK Capacity in BD = 5*4,800 = 24,000kN

0 < Applied Load in BD ≤ 24,000kN



5*4GYJ4D325

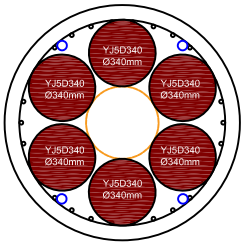
Tremie Hole = 400mm

Loading Area = 36.7%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 6*6,200 = 37,200kN

0 < Applied Load in BD ≤ 37,200kN



6*4GYJ5D340

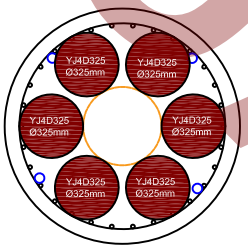
Tremie Hole = 370mm

Loading Area = 48.2%

YCELL Capacity in BD = 1*4,800 = 5,600kN

YJACK Capacity in BD = 6*4,800 = 28,800kN

0 < Applied Load in BD ≤ 28,800kN



6*4GYJ4D325

Tremie Hole = 400mm

Loading Area = 44.0%

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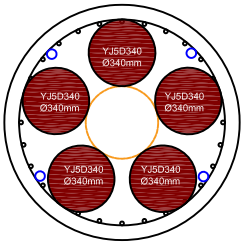
YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 5*6,200 = 31,000kN

0 < Applied Load in BD ≤ 31,000kN



5*4GYJ5D340

Tremie Hole = 370mm

Loading Area = 40.1%

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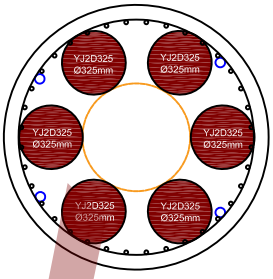
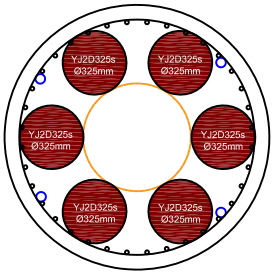
YJACK

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 6*2,700 = 16,200kN
0 < Applied Load in BD ≤ 16,200kN



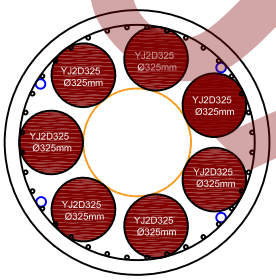
6*4GYJ2D325
Tremie Hole = 550mm
Loading Area = 34.8%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 6*3,300 = 19,800kN
0 < Applied Load in BD ≤ 19,800kN



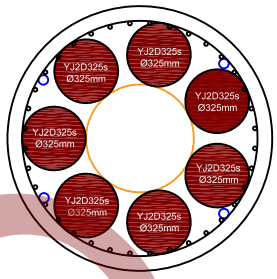
6*4GYJ2D325s
Tremie Hole = 550mm
Loading Area = 34.8%

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 7*2,700 = 18,900kN
0 < Applied Load in BD ≤ 18,900kN



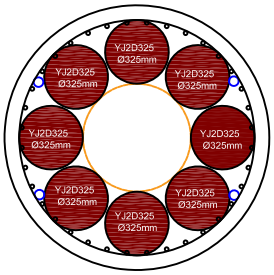
7*4GYJ2D325
Tremie Hole = 550mm
Loading Area = 40.6%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 7*3,300 = 23,100kN
0 < Applied Load in BD ≤ 23,100kN



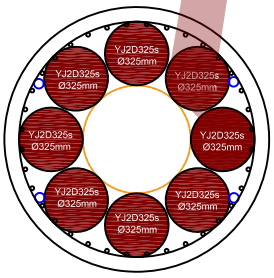
7*4GYJ2D325s
Tremie Hole = 550mm
Loading Area = 40.6%

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 8*2,700 = 21,600kN
0 < Applied Load in BD ≤ 21,600kN



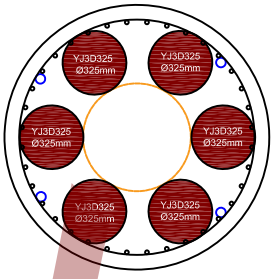
8*4GYJ2D325
Tremie Hole = 550mm
Loading Area = 46.4%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 8*3,300 = 26,400kN
0 < Applied Load in BD ≤ 26,400kN



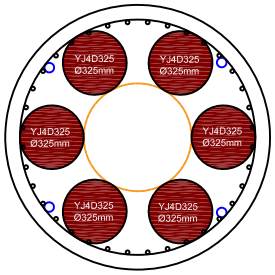
8*4GYJ2D325s
Tremie Hole = 550mm
Loading Area = 46.4%

YCELL Capacity in BD = 1*4,000 = 4,000kN
YJACK Capacity in BD = 6*4,000 = 24,000kN
0 < Applied Load in BD ≤ 24,000kN



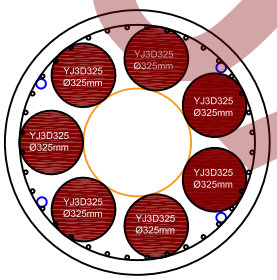
6*4GYJ3D325
Tremie Hole = 550mm
Loading Area = 34.8%

YCELL Capacity in BD = 1*4,800 = 4,800kN
YJACK Capacity in BD = 6*4,800 = 28,800kN
0 < Applied Load in BD ≤ 28,800kN



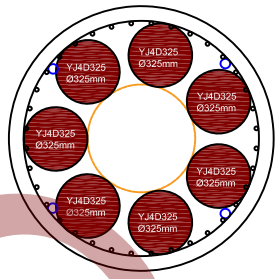
6*4GYJ4D325
Tremie Hole = 550mm
Loading Area = 34.8%

YCELL Capacity in BD = 1*4,000 = 4,000kN
YJACK Capacity in BD = 7*4,000 = 28,000kN
0 < Applied Load in BD ≤ 28,000kN



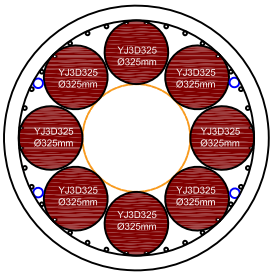
7*4GYJ3D325
Tremie Hole = 550mm
Loading Area = 40.6%

YCELL Capacity in BD = 1*4,800 = 4,800kN
YJACK Capacity in BD = 7*4,800 = 33,600kN
0 < Applied Load in BD ≤ 33,600kN



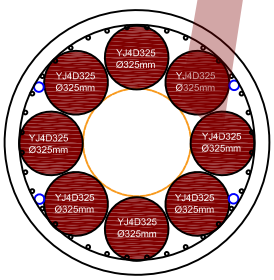
7*4GYJ4D325
Tremie Hole = 550mm
Loading Area = 40.6%

YCELL Capacity in BD = 1*4,000 = 4,000kN
YJACK Capacity in BD = 8*4,000 = 32,000kN
0 < Applied Load in BD ≤ 32,000kN



8*4GYJ3D325
Tremie Hole = 550mm
Loading Area = 46.4%

YCELL Capacity in BD = 1*4,800 = 4,800kN
YJACK Capacity in BD = 8*4,800 = 38,400kN
0 < Applied Load in BD ≤ 38,400kN

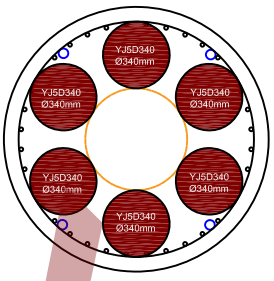


8*4GYJ4D325
Tremie Hole = 550mm
Loading Area = 46.4%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 6*6,200 = 37,200kN

0 < Applied Load in BD ≤ 37,200kN



6*4GYJ5D340

Tremie Hole = 430mm

Loading Area = 38.1%

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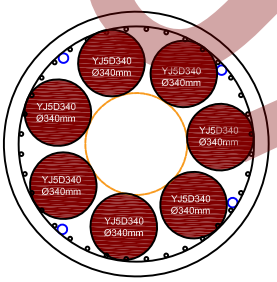
YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 7*6,200 = 43,400kN

0 < Applied Load in BD ≤ 43,400kN



7*4GYJ5D340

Tremie Hole = 430mm

Loading Area = 44.4%

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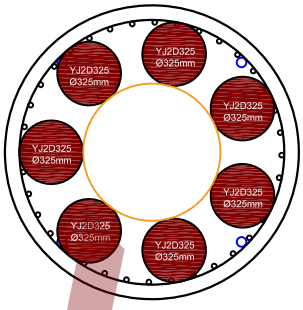
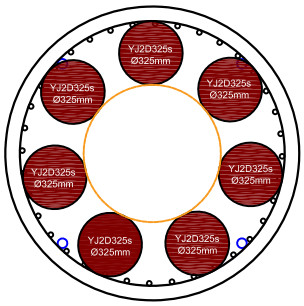
YJACK

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 7*2,700 = 18,900kN
0 < Applied Load in BD ≤ 18,900kN



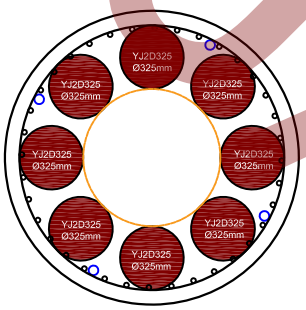
7*4GYJ2D325
Tremie Hole = 700mm
Loading Area = 32.9%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 7*3,300 = 23,100kN
0 < Applied Load in BD ≤ 23,100kN



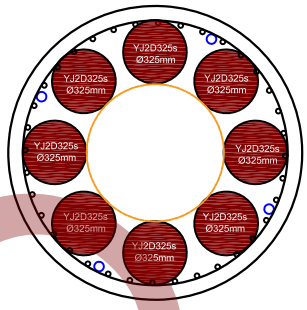
7*4GYJ2D325s
Tremie Hole = 700mm
Loading Area = 32.9%

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 8*2,700 = 21,600kN
0 < Applied Load in BD ≤ 21,600kN



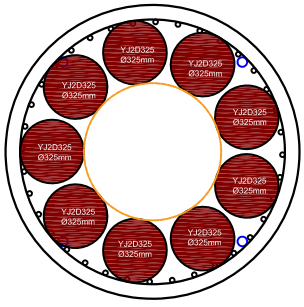
8*4GYJ2D325
Tremie Hole = 700mm
Loading Area = 37.6%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 8*3,300 = 26,400kN
0 < Applied Load in BD ≤ 26,400kN



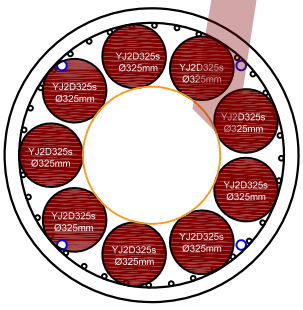
8*4GYJ2D325s
Tremie Hole = 700mm
Loading Area = 37.6%

YCELL Capacity in BD = 1*2,700 = 2,700kN
YJACK Capacity in BD = 9*2,700 = 24,300kN
0 < Applied Load in BD ≤ 24,300kN



9*4GYJ2D325
Tremie Hole = 700mm
Loading Area = 42.3%

YCELL Capacity in BD = 1*3,300 = 3,300kN
YJACK Capacity in BD = 9*3,300 = 29,700kN
0 < Applied Load in BD ≤ 29,700kN

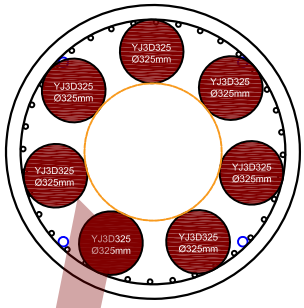


9*4GYJ2D325s
Tremie Hole = 700mm
Loading Area = 42.3%

YCELL Capacity in BD = 1*4,000 = 4,000kN

YJACK Capacity in BD = 7*4,000 = 28,000kN

0 < Applied Load in BD ≤ 28,000kN



7*4GYJ3D325

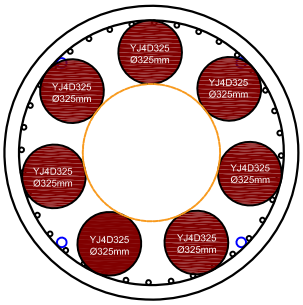
Tremie Hole = 700mm

Loading Area = 32.9%

YCELL Capacity in BD = 1*4,800 = 4,800kN

YJACK Capacity in BD = 7*4,800 = 33,600kN

0 < Applied Load in BD ≤ 33,600kN



7*4GYJ4D325

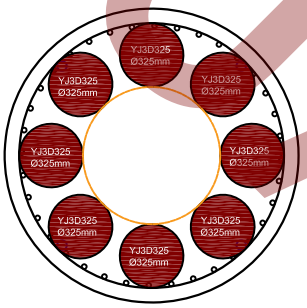
Tremie Hole = 700mm

Loading Area = 32.9%

YCELL Capacity in BD = 1*4,000 = 4,000kN

YJACK Capacity in BD = 8*4,000 = 32,000kN

0 < Applied Load in BD ≤ 32,000kN



8*4GYJ3D325

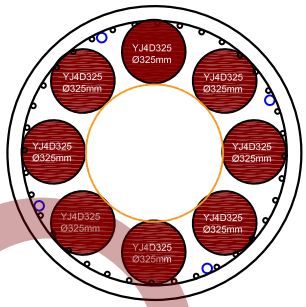
Tremie Hole = 700mm

Loading Area = 37.6%

YCELL Capacity in BD = 1*4,800 = 4,800kN

YJACK Capacity in BD = 8*4,800 = 38,400kN

0 < Applied Load in BD ≤ 38,400kN



8*4GYJ4D325

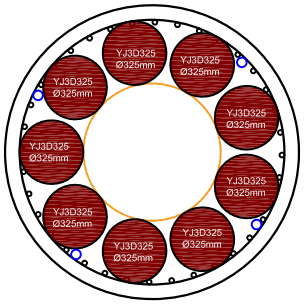
Tremie Hole = 700mm

Loading Area = 37.6%

YCELL Capacity in BD = 1*4,000 = 4,000kN

YJACK Capacity in BD = 9*4,000 = 36,000kN

0 < Applied Load in BD ≤ 36,000kN



9*4GYJ3D325

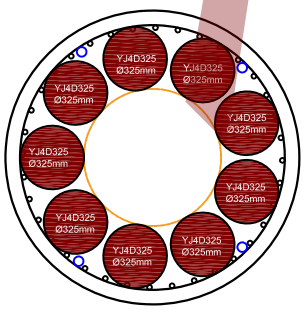
Tremie Hole = 700mm

Loading Area = 42.3%

YCELL Capacity in BD = 1*4,800 = 4,800kN

YJACK Capacity in BD = 9*4,800 = 43,200kN

0 < Applied Load in BD ≤ 43,200kN



9*4GYJ4D325

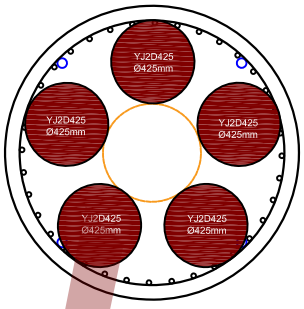
Tremie Hole = 700mm

Loading Area = 42.3%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 5*4,700 = 23,500kN

0 < Applied Load in BD ≤ 23,500kN



5*4GYJ2D425

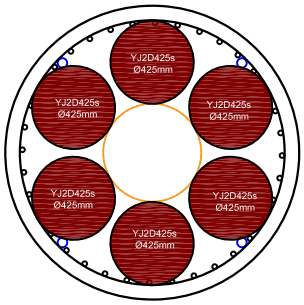
Tremie Hole = 500mm

Loading Area = 40.1%

YCELL Capacity in BD = 1*5,200 = 5,200kN

YJACK Capacity in BD = 6*5,200 = 31,200kN

0 < Applied Load in BD ≤ 31,200kN



6*4GYJ2D425s

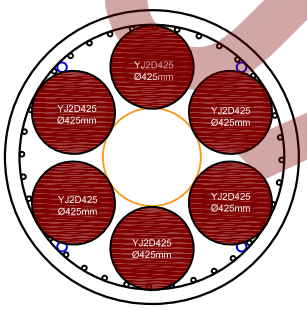
Tremie Hole = 500mm

Loading Area = 48.2%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 6*4,700 = 28,200kN

0 < Applied Load in BD ≤ 28,200kN



6*4GYJ2D425

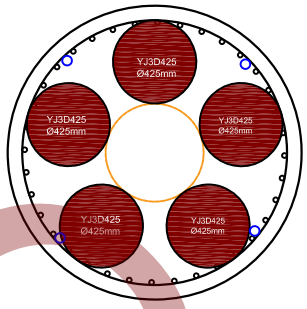
Tremie Hole = 500mm

Loading Area = 48.2%

YCELL Capacity in BD = 1*6,000 = 6,000kN

YJACK Capacity in BD = 5*6,000 = 30,000kN

0 < Applied Load in BD ≤ 30,000kN



5*4GYJ3D425

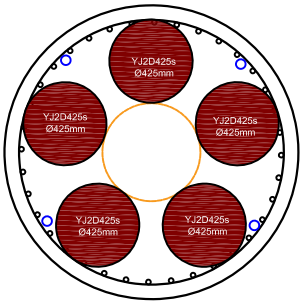
Tremie Hole = 500mm

Loading Area = 40.1%

YCELL Capacity in BD = 1*5,200 = 5,200kN

YJACK Capacity in BD = 5*5,200 = 26,000kN

0 < Applied Load in BD ≤ 26,000kN



5*4GYJ2D425s

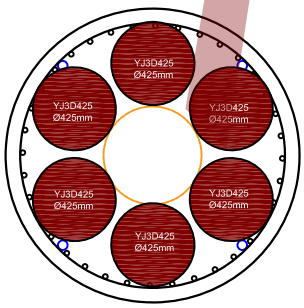
Tremie Hole = 500mm

Loading Area = 40.1%

YCELL Capacity in BD = 1*6,000 = 6,000kN

YJACK Capacity in BD = 6*6,000 = 36,000kN

0 < Applied Load in BD ≤ 36,000kN



6*4GYJ3D425

Tremie Hole = 500mm

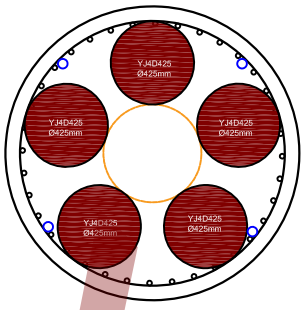
Loading Area = 48.2%

YJACK

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 5*7,000 = 35,000kN

0 < Applied Load in BD ≤ 35,000kN



5*4GYJ4D425

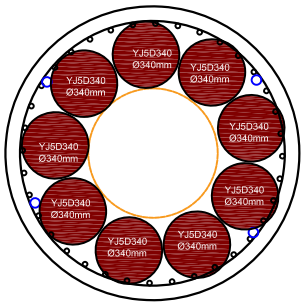
Tremie Hole = 500mm

Loading Area = 40.1%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 9*6,200 = 55,800kN

0 < Applied Load in BD ≤ 55,800kN



9*4GYJ5D340

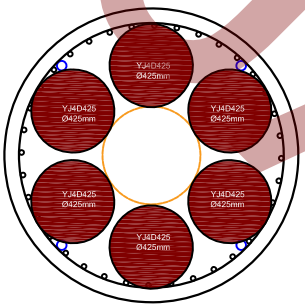
Tremie Hole = 650mm

Loading Area = 46.2%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 6*7,000 = 42,000kN

0 < Applied Load in BD ≤ 42,000kN



6*4GYJ4D425

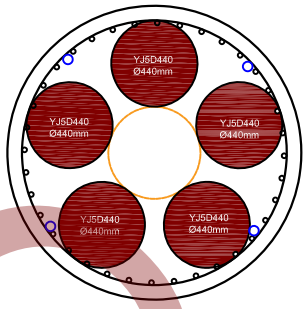
Tremie Hole = 500mm

Loading Area = 48.2%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 5*9,000 = 45,000kN

0 < Applied Load in BD ≤ 45,000kN



5*4GYJ5D440

Tremie Hole = 470mm

Loading Area = 43.0%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 8*6,200 = 49,600kN

0 < Applied Load in BD ≤ 49,600kN

8*4GYJ5D340

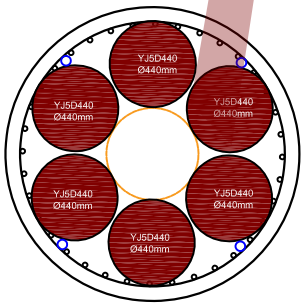
Tremie Hole = 650mm

Loading Area = 41.1%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 6*9,000 = 54,000kN

0 < Applied Load in BD ≤ 54,000kN



6*4GYJ5D440

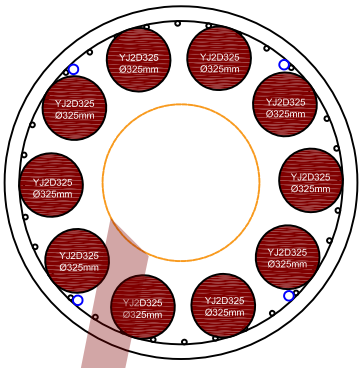
Tremie Hole = 470mm

Loading Area = 51.6%

YCELL Capacity in BD = 1*2,700 = 2,700kN

YJACK Capacity in BD = 10*2,700 = 27,000kN

0 < Applied Load in BD ≤ 27,000kN



10*4GYJ2D325

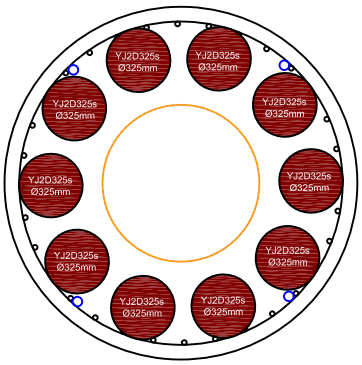
Tremie Hole = 800mm

Loading Area = 32.6%

YCELL Capacity in BD = 1*3,300 = 3,300kN

YJACK Capacity in BD = 10*3,300 = 33,000kN

0 < Applied Load in BD ≤ 33,000kN



10*4GYJ2D325s

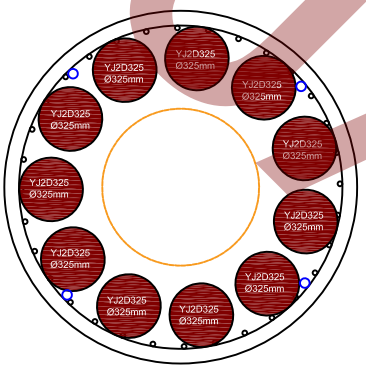
Tremie Hole = 800mm

Loading Area = 32.6%

YCELL Capacity in BD = 1*2,700 = 2,700kN

YJACK Capacity in BD = 11*2,700 = 29,700kN

0 < Applied Load in BD ≤ 29,700kN



11*4GYJ2D325

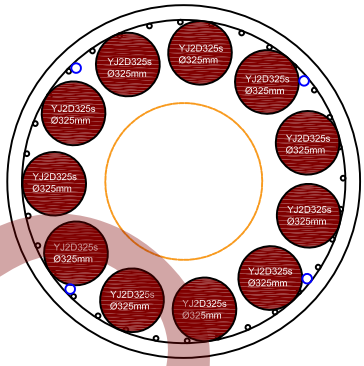
Tremie Hole = 800mm

Loading Area = 35.9%

YCELL Capacity in BD = 1*3,300 = 3,300kN

YJACK Capacity in BD = 11*3,300 = 36,300kN

0 < Applied Load in BD ≤ 36,300kN



11*4GYJ2D325s

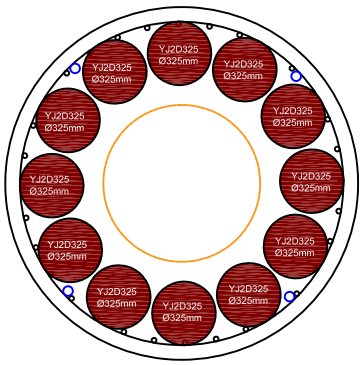
Tremie Hole = 800mm

Loading Area = 35.9%

YCELL Capacity in BD = 1*2,700 = 2,700kN

YJACK Capacity in BD = 12*2,700 = 32,400kN

0 < Applied Load in BD ≤ 32,400kN



12*4GYJ2D325

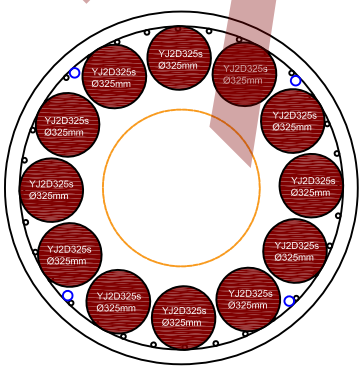
Tremie Hole = 800mm

Loading Area = 39.1%

YCELL Capacity in BD = 1*3,300 = 3,300kN

YJACK Capacity in BD = 12*3,300 = 39,600kN

0 < Applied Load in BD ≤ 39,600kN



12*4GYJ2D325s

Tremie Hole = 800mm

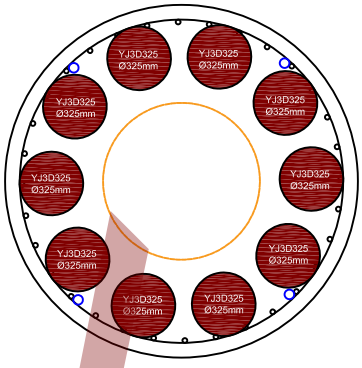
Loading Area = 39.1%

YJACK

YCELL Capacity in BD = 1*4,000 = 4,000kN

YJACK Capacity in BD = 10*4,000 = 40,000kN

0 < Applied Load in BD ≤ 40,000kN



10*4GYJ3D325

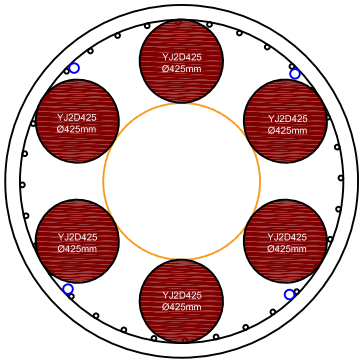
Tremie Hole = 800mm

Loading Area = 32.6%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 6*4,700 = 28,200kN

0 < Applied Load in BD ≤ 28,200kN



6*4GYJ2D425

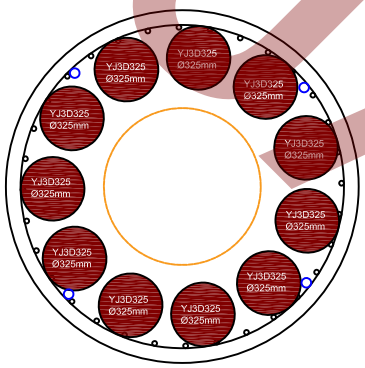
Tremie Hole = 800mm

Loading Area = 33.4%

YCELL Capacity in BD = 1*4,000 = 4,000kN

YJACK Capacity in BD = 11*4,000 = 44,000kN

0 < Applied Load in BD ≤ 44,000kN



11*4GYJ3D325

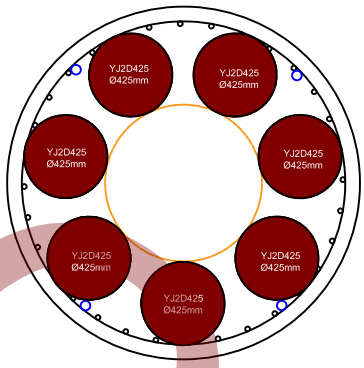
Tremie Hole = 800mm

Loading Area = 35.9%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 7*4,700 = 32,900kN

0 < Applied Load in BD ≤ 32,900kN



7*4GYJ2D425

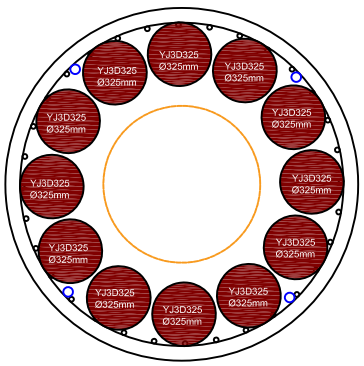
Tremie Hole = 800mm

Loading Area = 39.0%

YCELL Capacity in BD = 1*4,000 = 4,000kN

YJACK Capacity in BD = 12*4,000 = 48,000kN

0 < Applied Load in BD ≤ 48,000kN



12*4GYJ3D325

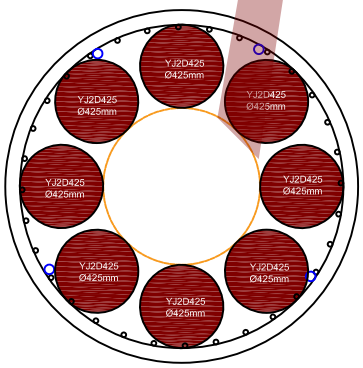
Tremie Hole = 800mm

Loading Area = 39.1%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 8*4,700 = 37,600kN

0 < Applied Load in BD ≤ 37,600kN

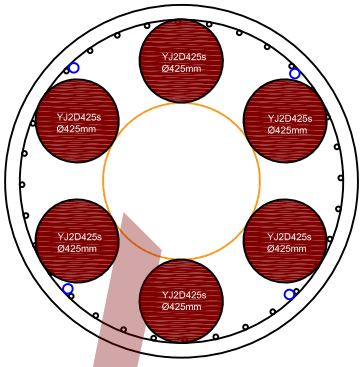


8*4GYJ2D425

Tremie Hole = 800mm

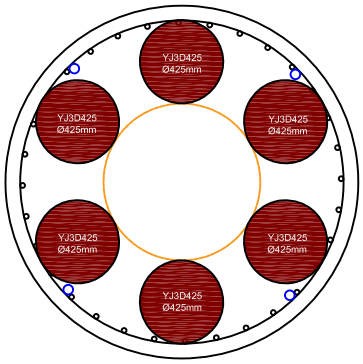
Loading Area = 44.6%

YCELL Capacity in BD = 1*5,200 = 5,200kN
YJACK Capacity in BD = 6*5,200 = 31,200kN
0 < Applied Load in BD ≤ 31,200kN



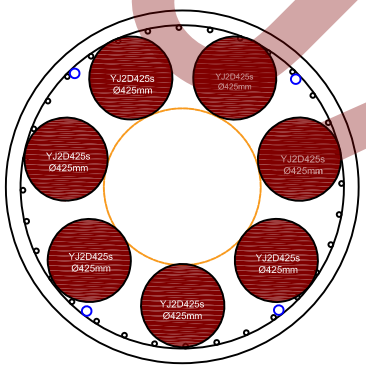
6*4GYJ2D425s
Tremie Hole = 800mm
Loading Area = 33.4%

YCELL Capacity in BD = 1*6,000 = 6,000kN
YJACK Capacity in BD = 6*6,000 = 36,000kN
0 < Applied Load in BD ≤ 36,000kN



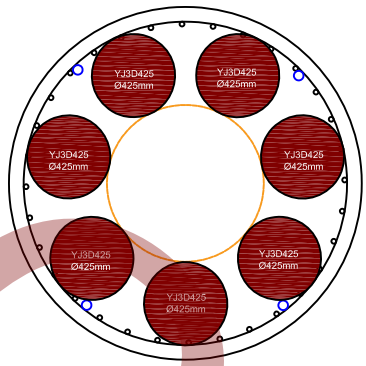
6*4GYJ3D425
Tremie Hole = 800mm
Loading Area = 33.4%

YCELL Capacity in BD = 1*5,200 = 5,200kN
YJACK Capacity in BD = 7*5,200 = 36,400kN
0 < Applied Load in BD ≤ 36,400kN



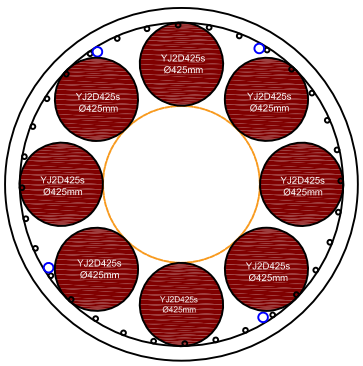
7*4GYJ2D425s
Tremie Hole = 800mm
Loading Area = 39.0%

YCELL Capacity in BD = 1*6,000 = 6,000kN
YJACK Capacity in BD = 7*6,000 = 42,000kN
0 < Applied Load in BD ≤ 42,000kN



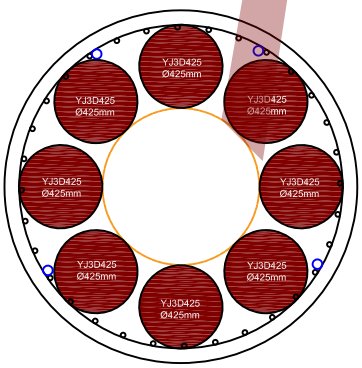
7*4GYJ3D425
Tremie Hole = 800mm
Loading Area = 39.0%

YCELL Capacity in BD = 1*5,200 = 5,200kN
YJACK Capacity in BD = 8*5,200 = 41,600kN
0 < Applied Load in BD ≤ 41,600kN



8*4GYJ2D425s
Tremie Hole = 800mm
Loading Area = 44.6%

YCELL Capacity in BD = 1*6,000 = 6,000kN
YJACK Capacity in BD = 8*6,000 = 48,000kN
0 < Applied Load in BD ≤ 48,000kN

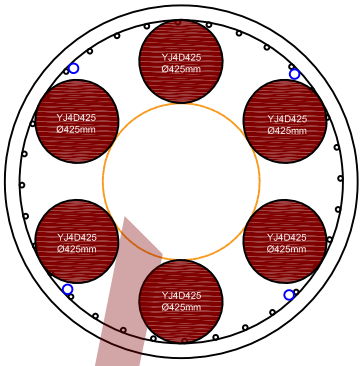


8*4GYJ3D425
Tremie Hole = 800mm
Loading Area = 44.6%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 6*7,000 = 42,000kN

0 < Applied Load in BD ≤ 42,000kN



6*4GYJ4D425

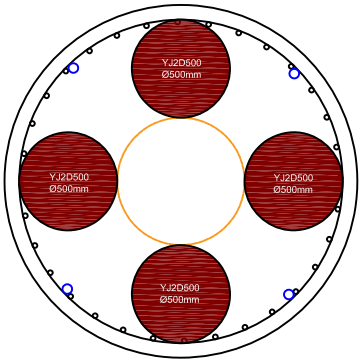
Tremie Hole = 800mm

Loading Area = 33.4%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 4*6,200 = 24,800kN

0 < Applied Load in BD ≤ 24,800kN



4*4GYJ2D500

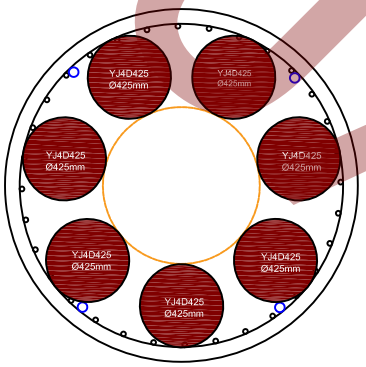
Tremie Hole = 650mm

Loading Area = 30.9%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 7*7,000 = 49,000kN

0 < Applied Load in BD ≤ 49,000kN



7*4GYJ4D425

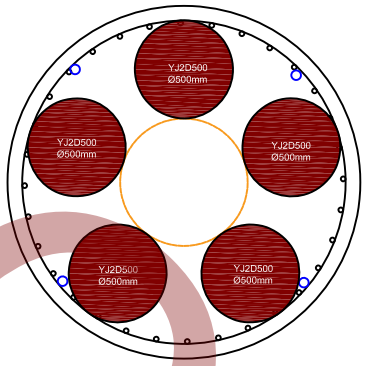
Tremie Hole = 800mm

Loading Area = 39.0%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 5*6,200 = 31,000kN

0 < Applied Load in BD ≤ 31,000kN



5*4GYJ2D500

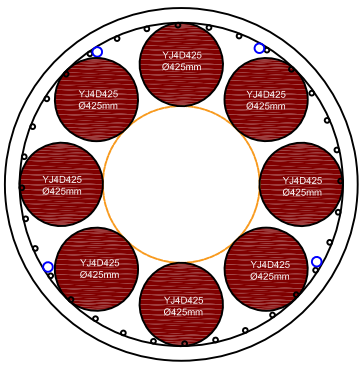
Tremie Hole = 650mm

Loading Area 38.6%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 8*7,000 = 56,000kN

0 < Applied Load in BD ≤ 56,000kN



8*4GYJ4D425

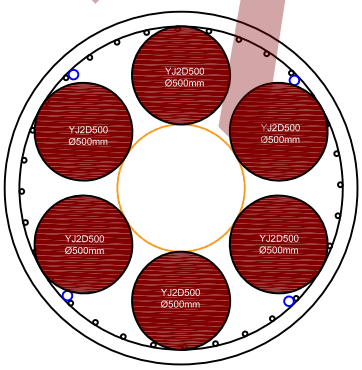
Tremie Hole = 800mm

Loading Area = 44.6%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 6*6,200 = 37,200kN

0 < Applied Load in BD ≤ 37,200kN



6*4GYJ2D500

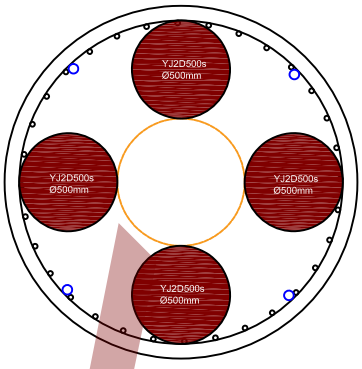
Tremie Hole = 650mm

Loading Area 46.3%

YCELL Capacity in BD = 1*8,100 = 8,100kN

YJACK Capacity in BD = 4*8,100 = 32,400kN

0 < Applied Load in BD ≤ 32,400kN



4*4GYJ2D500s

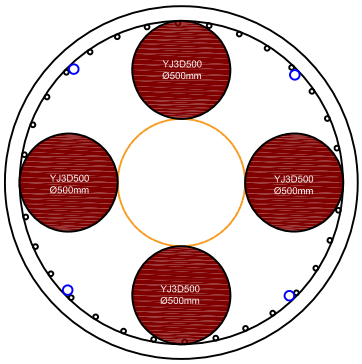
Tremie Hole = 650mm

Loading Area = 30.9%

YCELL Capacity in BD = 1*9,900 = 9,900kN

YJACK Capacity in BD = 4*9,900 = 39,600kN

0 < Applied Load in BD ≤ 39,600kN



4*4GYJ3D500

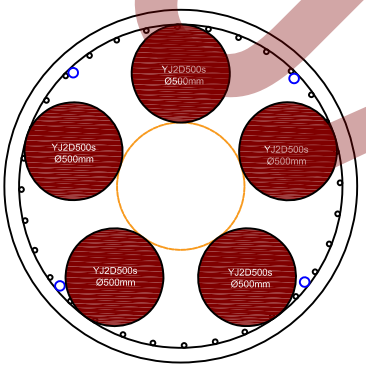
Tremie Hole = 650mm

Loading Area = 30.9%

YCELL Capacity in BD = 1*8,100 = 8,100kN

YJACK Capacity in BD = 5*8,100 = 40,500kN

0 < Applied Load in BD ≤ 40,500kN



5*4GYJ2D500s

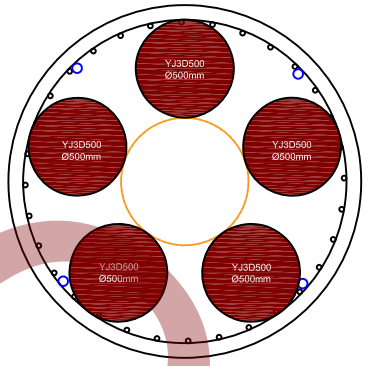
Tremie Hole = 650mm

Loading Area = 38.6%

YCELL Capacity in BD = 1*9,900 = 9,900kN

YJACK Capacity in BD = 5*9,900 = 49,500kN

0 < Applied Load in BD ≤ 49,500kN



5*4GYJ3D500

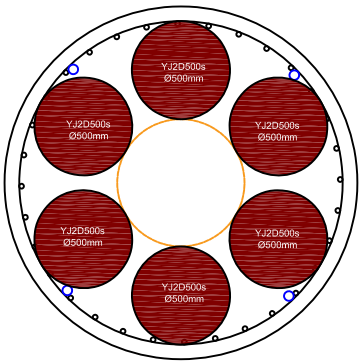
Tremie Hole = 650mm

Loading Area = 38.6%

YCELL Capacity in BD = 1*8,100 = 8,100kN

YJACK Capacity in BD = 6*8,100 = 48,600kN

0 < Applied Load in BD ≤ 48,600kN



6*4GYJ2D500s

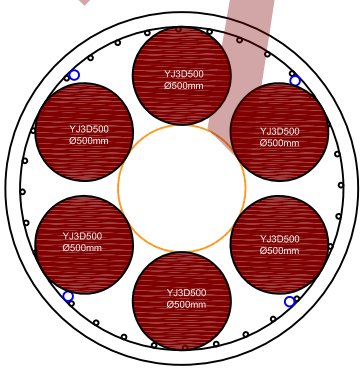
Tremie Hole = 650mm

Loading Area = 46.3%

YCELL Capacity in BD = 1*9,900 = 9,900kN

YJACK Capacity in BD = 6*9,900 = 59,400kN

0 < Applied Load in BD ≤ 59,400kN



6*4GYJ3D500

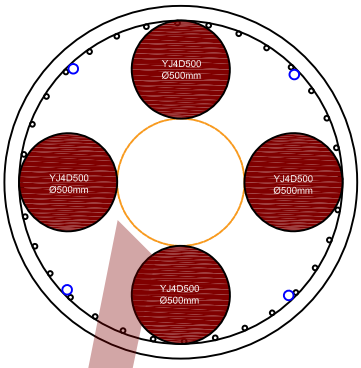
Tremie Hole = 650mm

Loading Area = 46.3%

YCELL Capacity in BD = 1*11,600 = 11,600kN

YJACK Capacity in BD = 4*11,600 = 46,400kN

0 < Applied Load in BD ≤ 46,400kN



4*4GYJ4D500

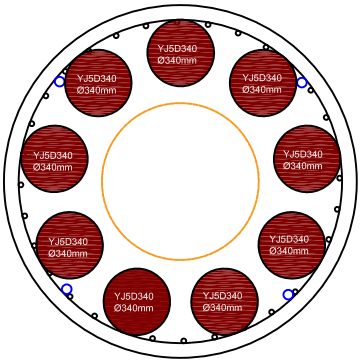
Tremie Hole = 650mm

Loading Area = 30.9%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 9*6,200 = 55,800kN

0 < Applied Load in BD ≤ 55,800kN



9*4GYJ5D340

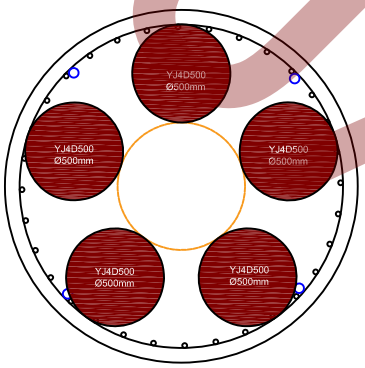
Tremie Hole = 800mm

Loading Area = 32.1%

YCELL Capacity in BD = 1*11,600 = 11,600kN

YJACK Capacity in BD = 5*11,600 = 58,000kN

0 < Applied Load in BD ≤ 58,000kN



5*4GYJ4D500

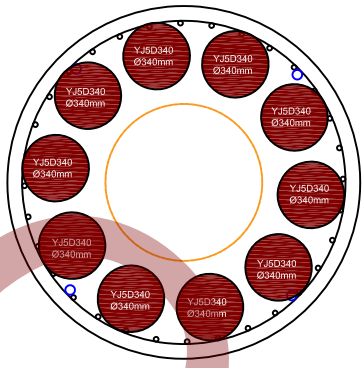
Tremie Hole = 650mm

Loading Area = 38.6%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 10*6,200 = 62,000kN

0 < Applied Load in BD ≤ 62,000kN



10*4GYJ5D340

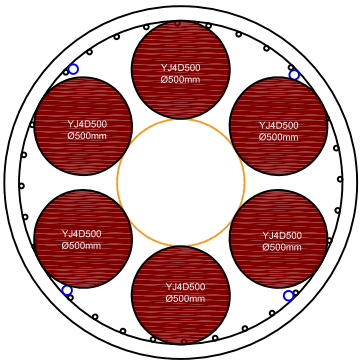
Tremie Hole = 800mm

Loading Area = 35.7%

YCELL Capacity in BD = 1*11,600 = 11,600kN

YJACK Capacity in BD = 6*11,600 = 69,600kN

0 < Applied Load in BD ≤ 69,600kN



6*4GYJ4D500

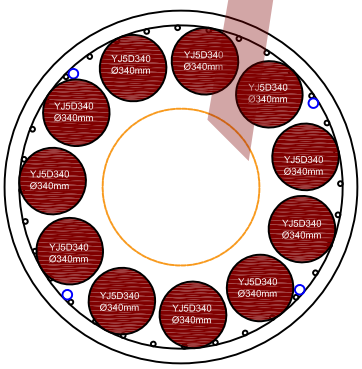
Tremie Hole = 650mm

Loading Area = 46.3%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 11*6,200 = 68,200kN

0 < Applied Load in BD ≤ 68,200kN



11*4GYJ5D340

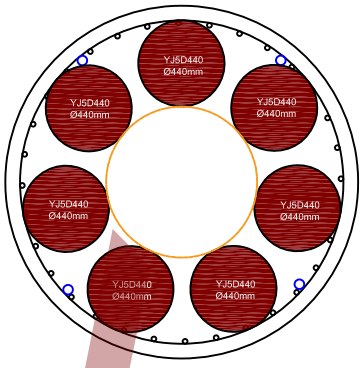
Tremie Hole = 800mm

Loading Area = 39.2%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 7*9,000 = 63,000kN

0 < Applied Load in BD ≤ 63,000kN



7*4GYJ5D440

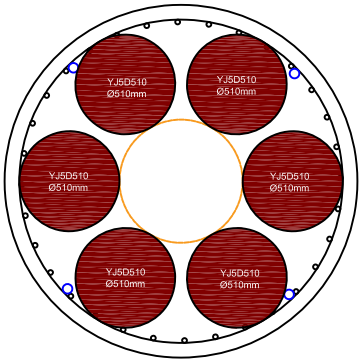
Tremie Hole = 770mm

Loading Area = 41.8%

YCELL Capacity in BD = 1*13,800 = 13,800kN

YJACK Capacity in BD = 6*13,800 = 82,800kN

0 < Applied Load in BD ≤ 82,800kN



6*4GYJ5D510

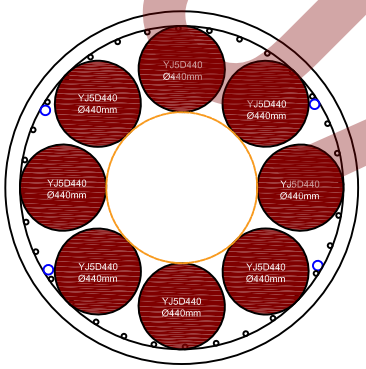
Tremie Hole = 630mm

Loading Area = 48.2%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 8*9,000 = 72,000kN

0 < Applied Load in BD ≤ 72,000kN



8*4GYJ5D440

Tremie Hole = 770mm

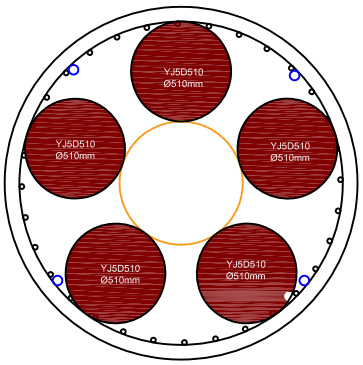
Loading Area = 47.8%

BLANK

YCELL Capacity in BD = 1*13,800 = 13,800kN

YJACK Capacity in BD = 5*13,800 = 69,000kN

0 < Applied Load in BD ≤ 69,000kN



5*4GYJ5D510

Tremie Hole = 630mm

Loading Area = 40.1%

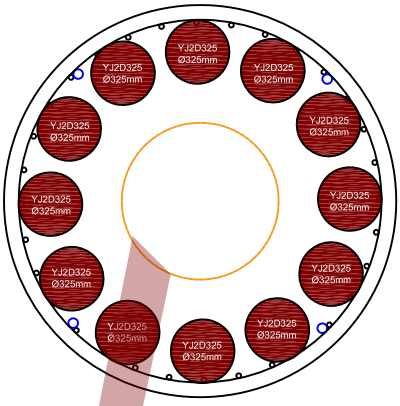
BLANK

YJACK

YCELL Capacity in BD = 1*2,700 = 2,700kN

YJACK Capacity in BD = 12*2,700 = 32,400kN

0 < Applied Load in BD ≤ 32,400kN



12*4GYJ2D325

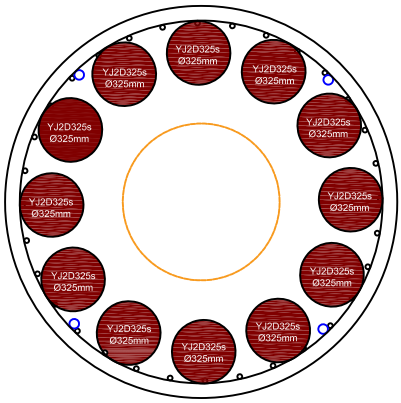
Tremie Hole = 800mm

Loading Area = 31.7%

YCELL Capacity in BD = 1*3,300 = 3,300kN

YJACK Capacity in BD = 12*3,300 = 39,600kN

0 < Applied Load in BD ≤ 39,600kN



12*4GYJ2D325s

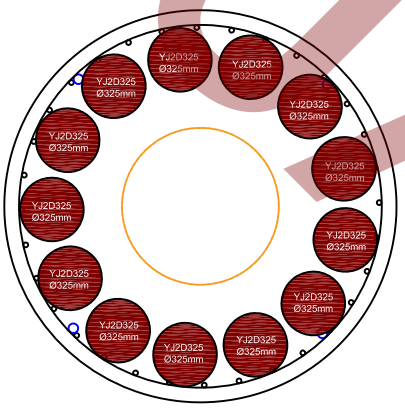
Tremie Hole = 800mm

Loading Area = 31.7%

YCELL Capacity in BD = 1*2,700 = 2,700kN

YJACK Capacity in BD = 13*2,700 = 35,100kN

0 < Applied Load in BD ≤ 35,100kN



13*4GYJ2D325

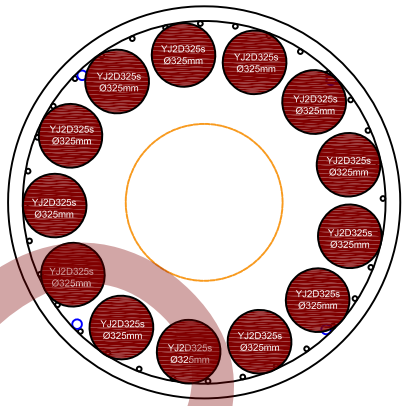
Tremie Hole = 800mm

Loading Area = 34.3%

YCELL Capacity in BD = 1*3,300 = 3,300kN

YJACK Capacity in BD = 13*3,300 = 42,900kN

0 < Applied Load in BD ≤ 42,900kN



13*4GYJ2D325s

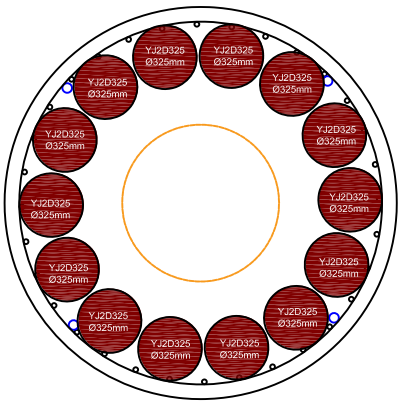
Tremie Hole = 800mm

Loading Area = 34.3%

YCELL Capacity in BD = 1*2,700 = 2,700kN

YJACK Capacity in BD = 14*2,700 = 37,800kN

0 < Applied Load in BD ≤ 37,800kN



14*4GYJ2D325

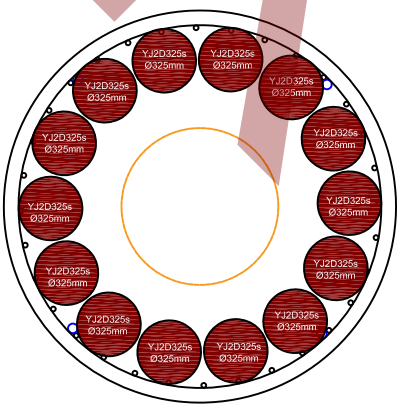
Tremie Hole = 800mm

Loading Area = 37.0%

YCELL Capacity in BD = 1*3,300 = 3,300kN

YJACK Capacity in BD = 14*3,300 = 46,200kN

0 < Applied Load in BD ≤ 46,200kN



14*4GYJ2D325s

Tremie Hole = 800mm

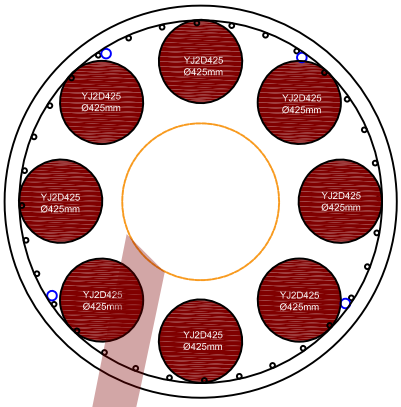
Loading Area = 37.0%

YJACK

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 8*4,700 = 37,600kN

0 < Applied Load in BD ≤ 37,600kN



8*4GYJ2D425

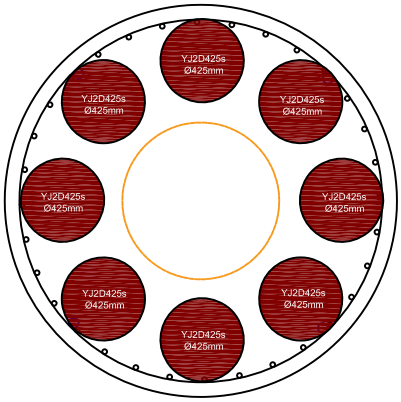
Tremie Hole = 800mm

Loading Area = 36.1%

YCELL Capacity in BD = 1*5,200 = 5,200kN

YJACK Capacity in BD = 8*5,200 = 41,600kN

0 < Applied Load in BD ≤ 41,600kN



8*4GYJ2D425s

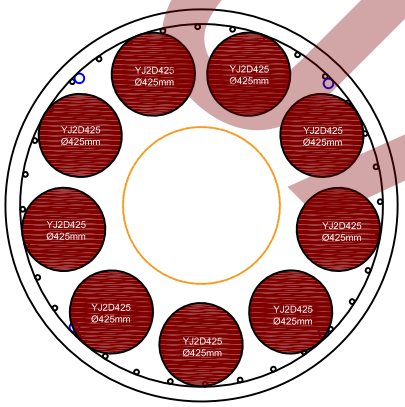
Tremie Hole = 800mm

Loading Area = 36.1%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 9*4,700 = 42,300kN

0 < Applied Load in BD ≤ 42,300kN



9*4GYJ2D425

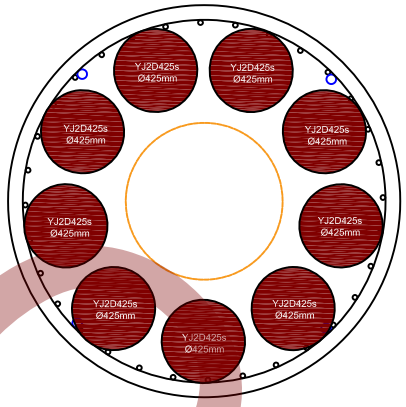
Tremie Hole = 800mm

Loading Area = 40.6%

YCELL Capacity in BD = 1*5,200 = 5,200kN

YJACK Capacity in BD = 9*5,200 = 46,800kN

0 < Applied Load in BD ≤ 46,800kN



9*4GYJ2D425s

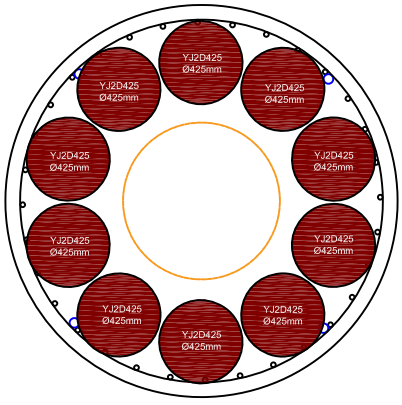
Tremie Hole = 800mm

Loading Area = 40.6%

YCELL Capacity in BD = 1*4,700 = 4,700kN

YJACK Capacity in BD = 10*4,700 = 47,000kN

0 < Applied Load in BD ≤ 47,000kN



10*4GYJ2D425

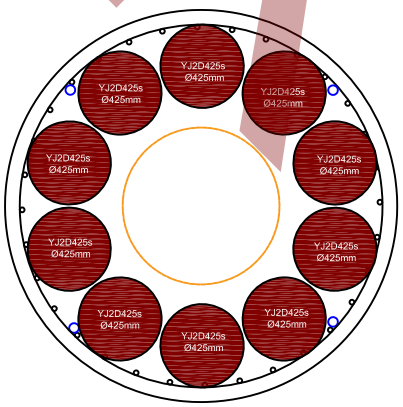
Tremie Hole = 800mm

Loading Area = 45.2%

YCELL Capacity in BD = 1*5,200 = 5,200kN

YJACK Capacity in BD = 10*5,200 = 52,000kN

0 < Applied Load in BD ≤ 52,000kN



10*4GYJ2D425s

Tremie Hole = 800mm

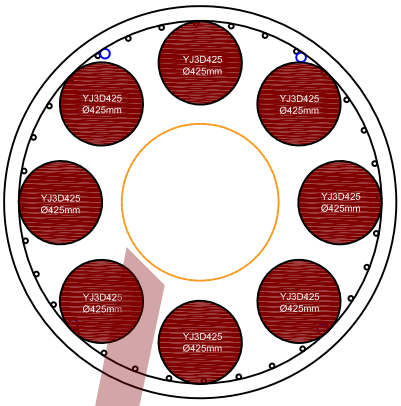
Loading Area = 45.2%

YLACK

YCELL Capacity in BD = 1*6,000 = 6,000kN

YJACK Capacity in BD = 8*6,000 = 48,000kN

0 < Applied Load in BD ≤ 48,000kN



8*4GYJ3D425

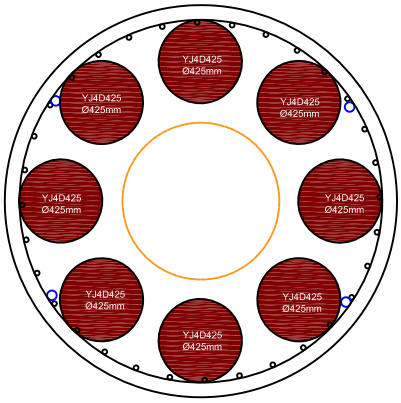
Tremie Hole = 800mm

Loading Area = 36.1%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 8*7,000 = 56,000kN

0 < Applied Load in BD ≤ 56,000kN



8*4GYJ4D425

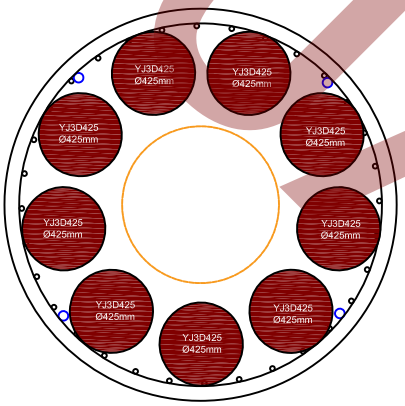
Tremie Hole = 800mm

Loading Area = 36.1%

YCELL Capacity in BD = 1*6,000 = 6,000kN

YJACK Capacity in BD = 9*6,000 = 54,000kN

0 < Applied Load in BD ≤ 54,000kN



9*4GYJ3D425

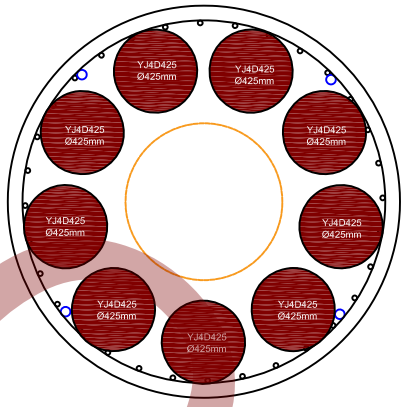
Tremie Hole = 800mm

Loading Area = 40.6%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 9*7,000 = 63,000kN

0 < Applied Load in BD ≤ 63,000kN



9*4GYJ4D425

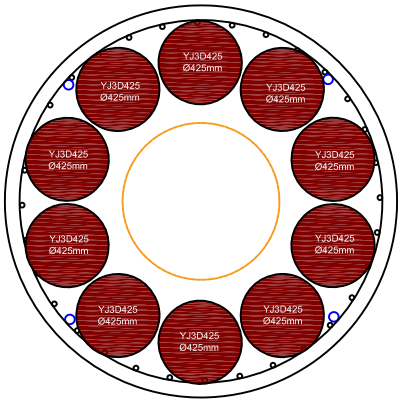
Tremie Hole = 800mm

Loading Area = 40.6%

YCELL Capacity in BD = 1*6,000 = 6,000kN

YJACK Capacity in BD = 10*6,000 = 60,000kN

0 < Applied Load in BD ≤ 60,000kN



10*4GYJ3D425

Tremie Hole = 800mm

Loading Area = 45.2%

YCELL Capacity in BD = 1*7,000 = 7,000kN

YJACK Capacity in BD = 10*7,000 = 70,000kN

0 < Applied Load in BD ≤ 70,000kN

10*4GYJ4D425

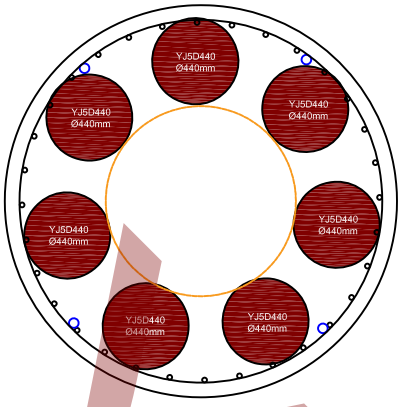
Tremie Hole = 800mm

Loading Area = 45.2%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 7*9,000 = 63,000kN

0 < Applied Load in BD ≤ 63,000kN



7*4GYJ5D440

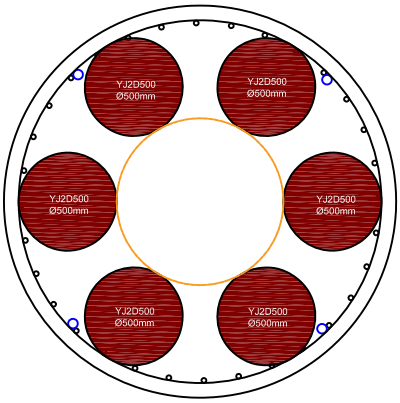
Tremie Hole = 970mm

Loading Area = 33.9%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 6*6,200 = 37,200kN

0 < Applied Load in BD ≤ 37,200kN



6*4GYJ2D500

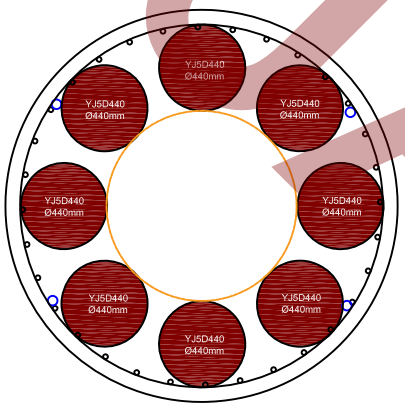
Tremie Hole = 850mm

Loading Area = 37.5%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 8*9,000 = 72,000kN

0 < Applied Load in BD ≤ 72,000kN



8*4GYJ5D440

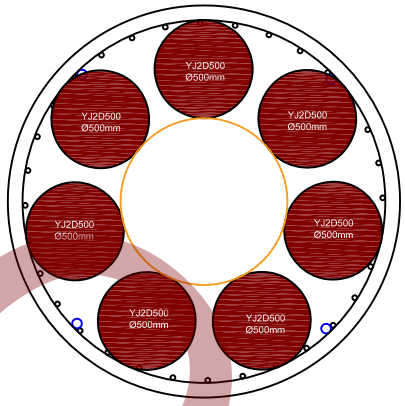
Tremie Hole = 970mm

Loading Area = 38.7%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 7*6,200 = 43,400kN

0 < Applied Load in BD ≤ 43,400kN



7*4GYJ2D500

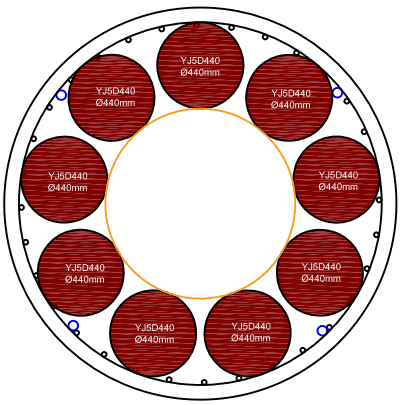
Tremie Hole = 850mm

Loading Area = 43.8%

YCELL Capacity in BD = 1*9,000 = 9,000kN

YJACK Capacity in BD = 9*9,000 = 81,000kN

0 < Applied Load in BD ≤ 81,000kN



9*4GYJ5D440

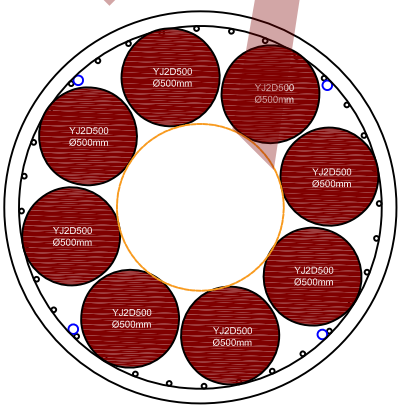
Tremie Hole = 970mm

Loading Area = 43.6%

YCELL Capacity in BD = 1*6,200 = 6,200kN

YJACK Capacity in BD = 8*6,200 = 49,600kN

0 < Applied Load in BD ≤ 49,600kN



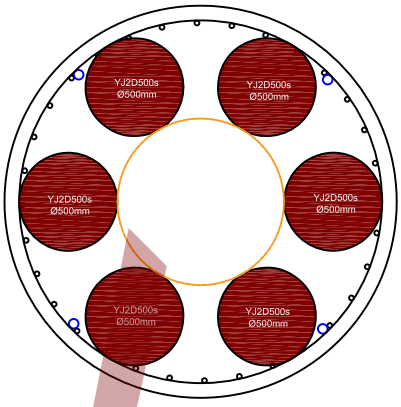
8*4GYJ2D500

Tremie Hole = 850mm

Loading Area = 50.0%

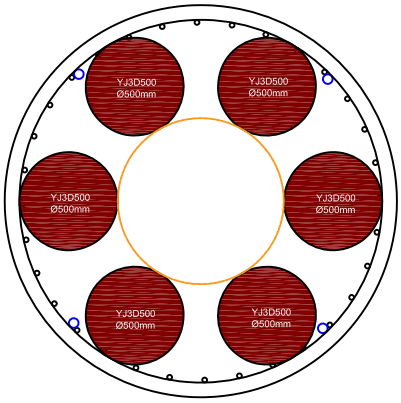
YJACK

YCELL Capacity in BD = 1*8,100 = 8,100kN
YJACK Capacity in BD = 6*8,100 = 48,600kN
0 < Applied Load in BD ≤ 48,600kN



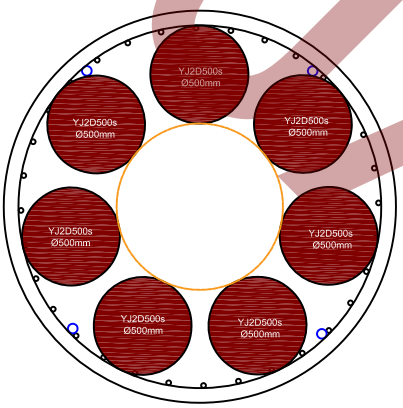
6*4GYJ2D500s
Tremie Hole = 850mm
Loading Area = 37.5%

YCELL Capacity in BD = 1*9,900 = 9,900kN
YJACK Capacity in BD = 6*9,900 = 59,400kN
0 < Applied Load in BD ≤ 59,400kN



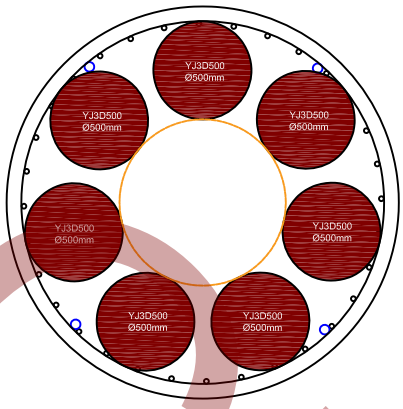
6*4GYJ3D500
Tremie Hole = 850mm
Loading Area = 37.5%

YCELL Capacity in BD = 1*8,100 = 8,100kN
YJACK Capacity in BD = 7*8,100 = 56,700kN
0 < Applied Load in BD ≤ 56,700kN



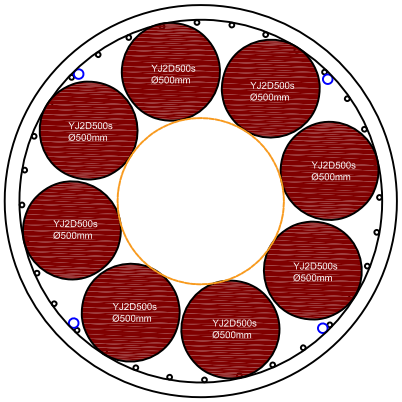
7*4GYJ2D500s
Tremie Hole = 850mm
Loading Area = 43.8%

YCELL Capacity in BD = 1*9,900 = 9,900kN
YJACK Capacity in BD = 7*9,900 = 69,300kN
0 < Applied Load in BD ≤ 69,300kN



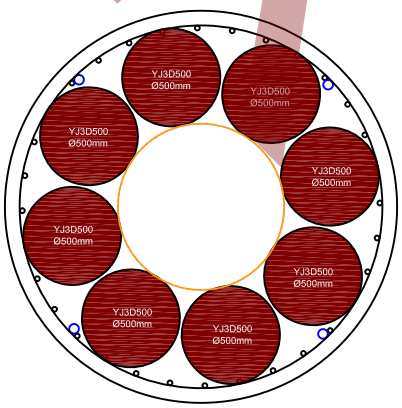
7*4GYJ3D500
Tremie Hole = 850mm
Loading Area = 43.8%

YCELL Capacity in BD = 1*8,100 = 8,100kN
YJACK Capacity in BD = 8*8,100 = 64,800kN
0 < Applied Load in BD ≤ 64,800kN



8*4GYJ2D500s
Tremie Hole = 850mm
Loading Area = 50.0%

YCELL Capacity in BD = 1*9,900 = 9,900kN
YJACK Capacity in BD = 8*9,900 = 79,200kN
0 < Applied Load in BD ≤ 79,200kN

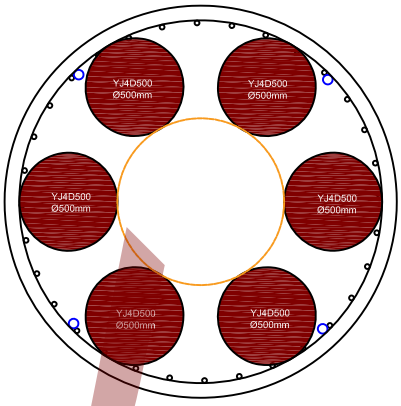


8*4GYJ3D500
Tremie Hole = 850mm
Loading Area = 50.0%

YCELL Capacity in BD = 1*11,600 = 9,900kN

YJACK Capacity in BD = 6*11,600 = 69,600kN

0 < Applied Load in BD ≤ 69,600kN



6*4GYJ4D500

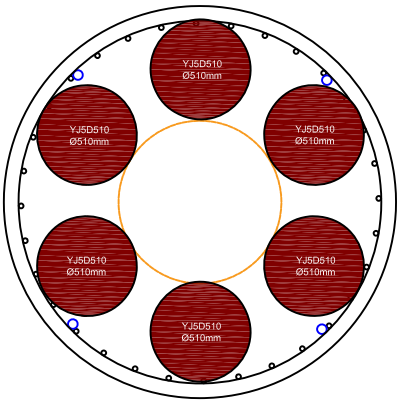
Tremie Hole = 850mm

Loading Area = 37.5%

YCELL Capacity in BD = 1*13,800 = 13,800kN

YJACK Capacity in BD = 6*13,800 = 82,800kN

0 < Applied Load in BD ≤ 82,800kN



6*4GYJ5D510

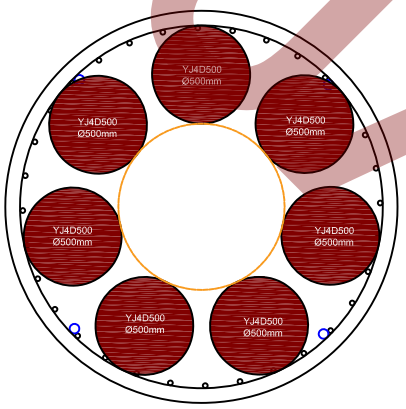
Tremie Hole = 830mm

Loading Area = 39.0%

YCELL Capacity in BD = 1*11,600 = 11,600kN

YJACK Capacity in BD = 7*11,600 = 81,200kN

0 < Applied Load in BD ≤ 81,200kN



7*4GYJ4D500

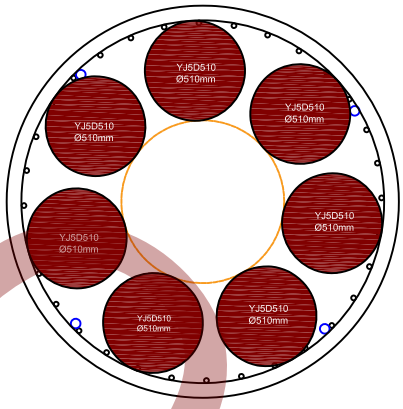
Tremie Hole = 850mm

Loading Area = 43.8%

YCELL Capacity in BD = 1*13,800 = 13,800kN

YJACK Capacity in BD = 7*13,800 = 96,600kN

0 < Applied Load in BD ≤ 96,600kN



7*4GYJ5D510

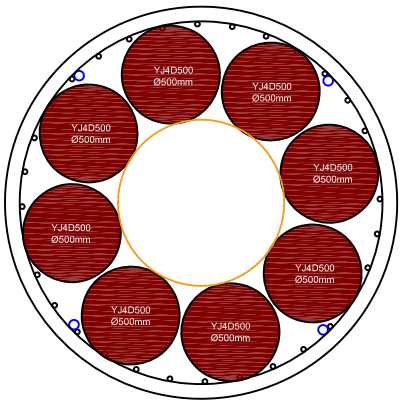
Tremie Hole = 830mm

Loading Area = 45.5%

YCELL Capacity in BD = 1*11,600 = 11,600kN

YJACK Capacity in BD = 8*11,600 = 92,800kN

0 < Applied Load in BD ≤ 92,800kN



8*4GYJ4D500

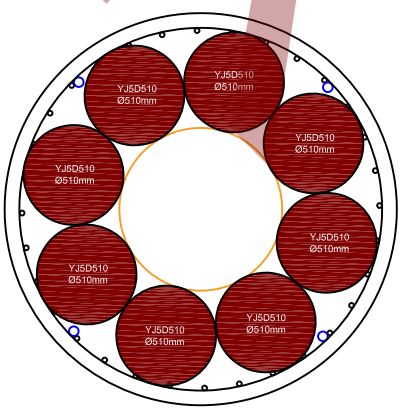
Tremie Hole = 850mm

Loading Area = 50.0%

YCELL Capacity in BD = 1*13,800 = 13,800kN

YJACK Capacity in BD = 8*13,800 = 110,400kN

0 < Applied Load in BD ≤ 110,400kN



8*4GYJ5D510

Tremie Hole = 830mm

Loading Area = 52.0%