

FORMULA RENAULT 2.0

USER MANUAL

2011



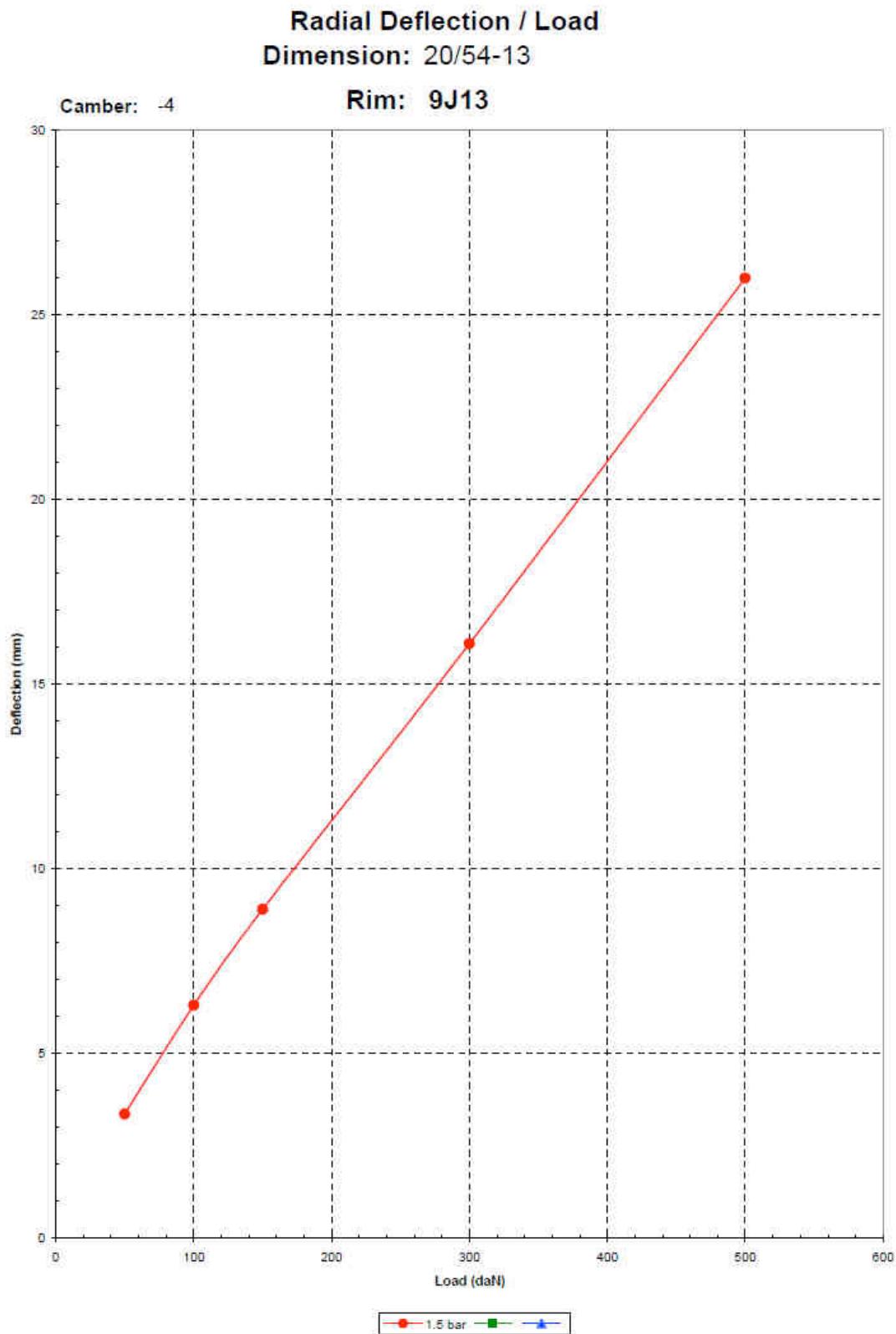
F. PNEUMATIQUES

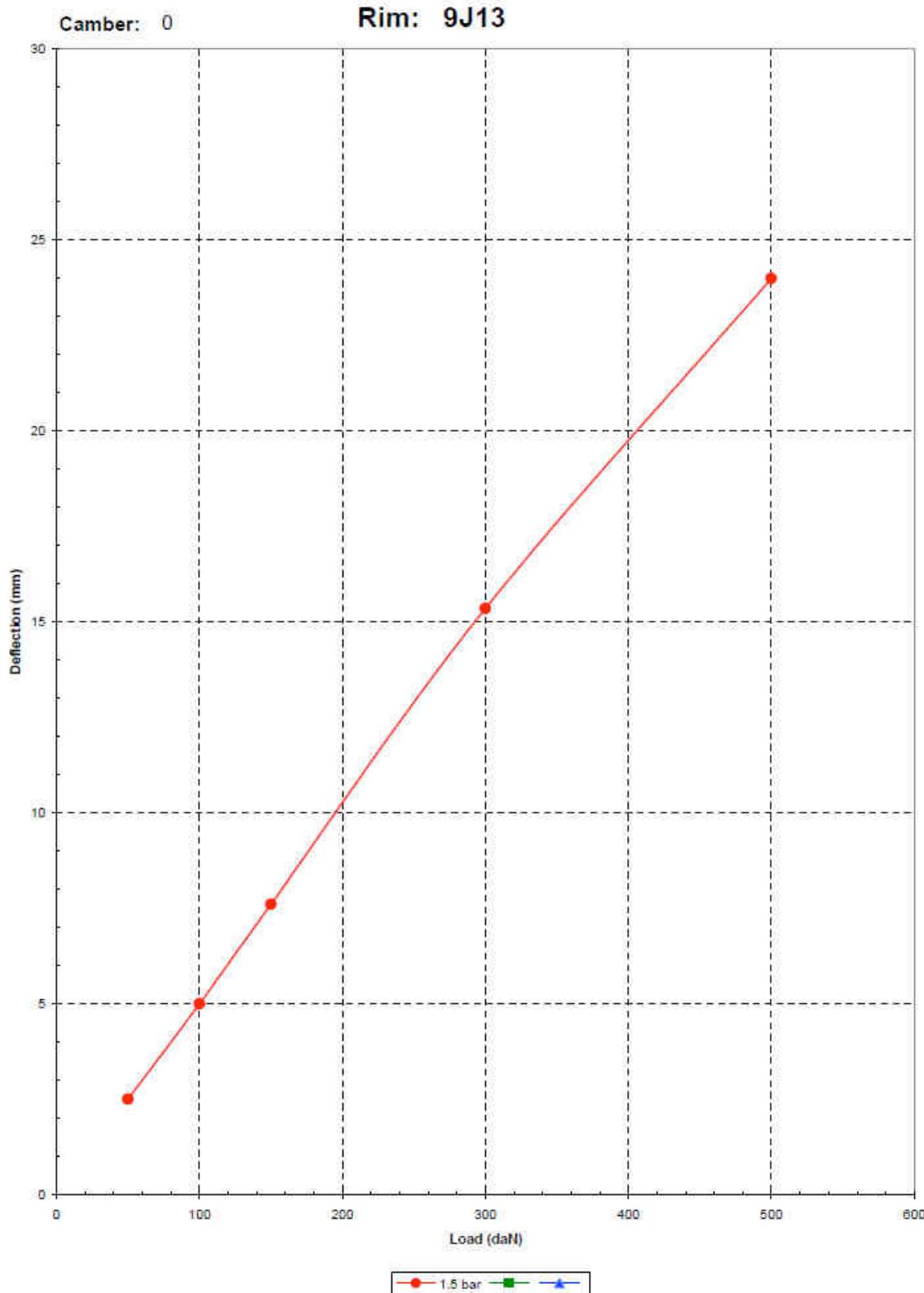
SOMMAIRE

1. RAIDEUR RADIALE STATIQUE	3
1.1. 20/54-13 Avant	3
1.2. 24/57-13 Arrière	5
2. RAIDEUR LATÉRALE STATIQUE.....	7
2.1. 20/54-13 Avant	7
2.2. 24/57-13 Arrière	9
3. RAIDEUR LONGITUDINALE STATIQUE	11
3.1. 20/54-13 Avant	11
3.2. 24/57-13 Arrière	12
4. RAYON SOUS CHARGE DYNAMIQUE.....	13
4.1. 20/54-13 Avant	13
4.2. 24/57-13 Arrière	15
5. FORCE DE DERIVE	17
5.1. 20/54-13 Avant	17
5.2. 24/57-13 Arrière	21
6. COUPLE D'AUTO-ALIGNEMENT	25
6.1. 20/54-13 Avant	25
6.2. 24/57-13 Arrière	29
7. RIGIDITÉ DE DERIVE.....	33
7.1. 20/54-13 Avant	33
7.2. 24/57-13 Arrière	35

1. RAIDEUR RADIALE STATIQUE

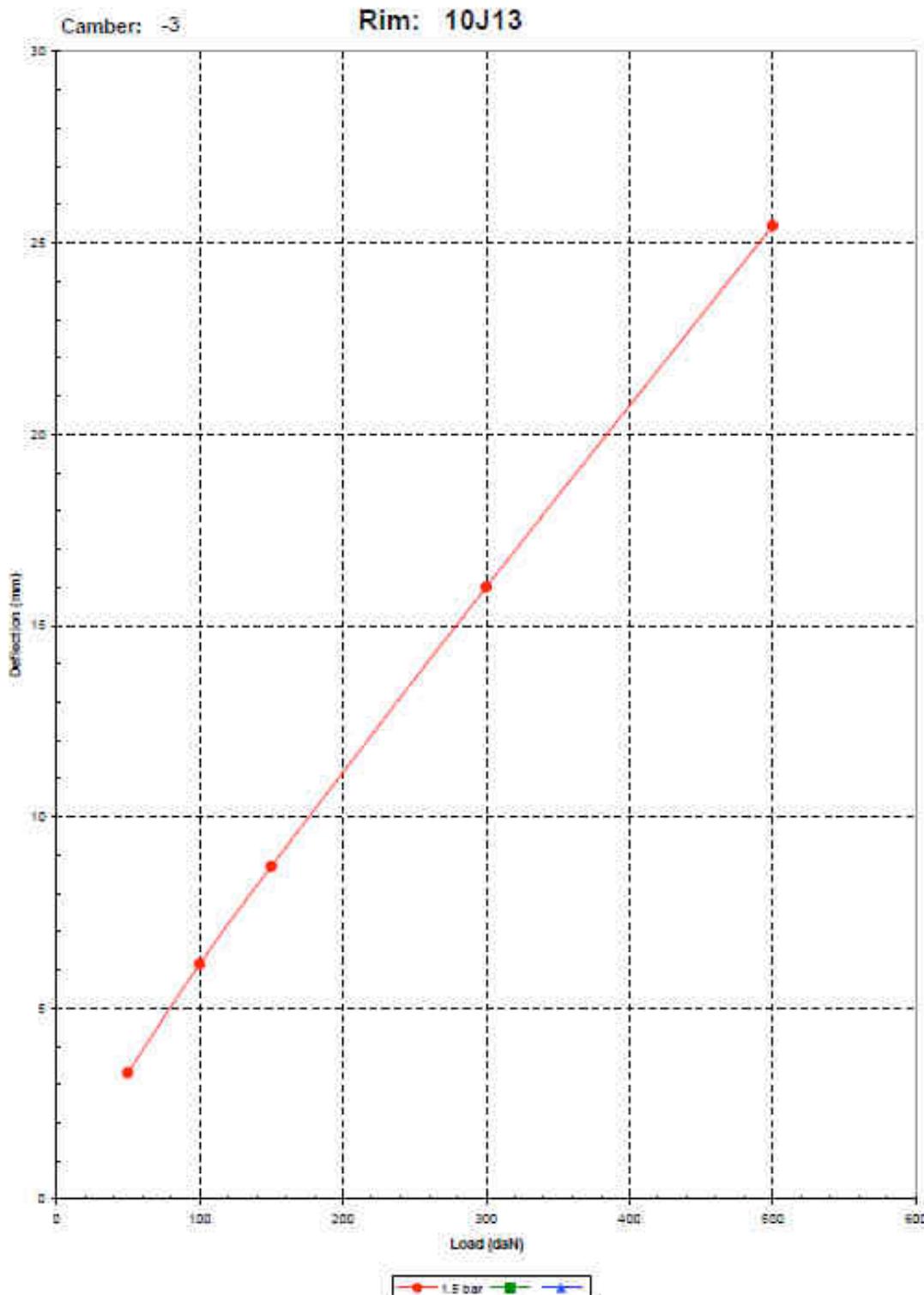
1.1. 20/54-13 Avant



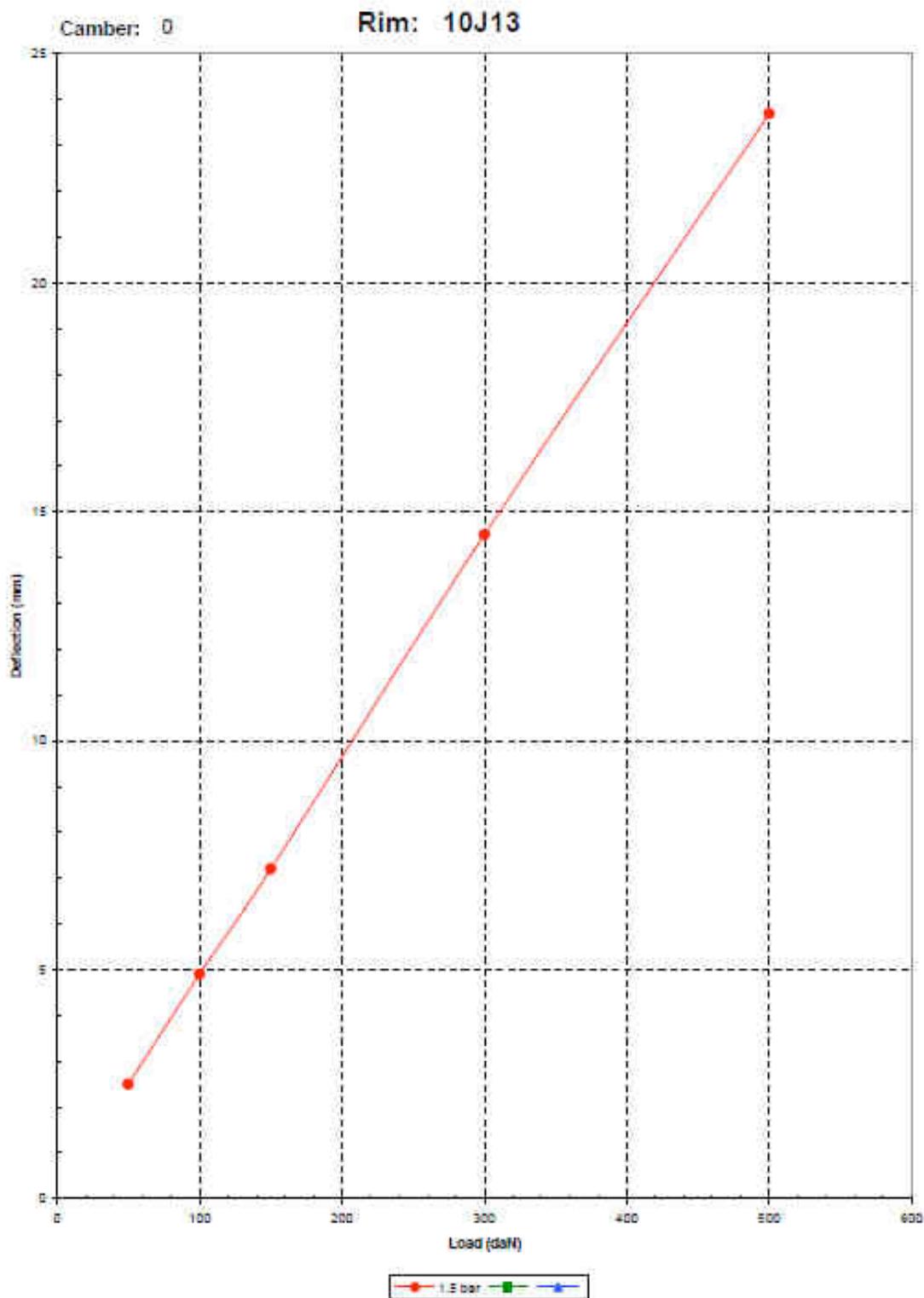
Radial Deflection / Load
Dimension: 20/54-13

1.2. 24/57-13 Arrière

Radial Deflection / Load
Dimension: 24/57-13



Radial Deflection / Load
Dimension: 24/57-13

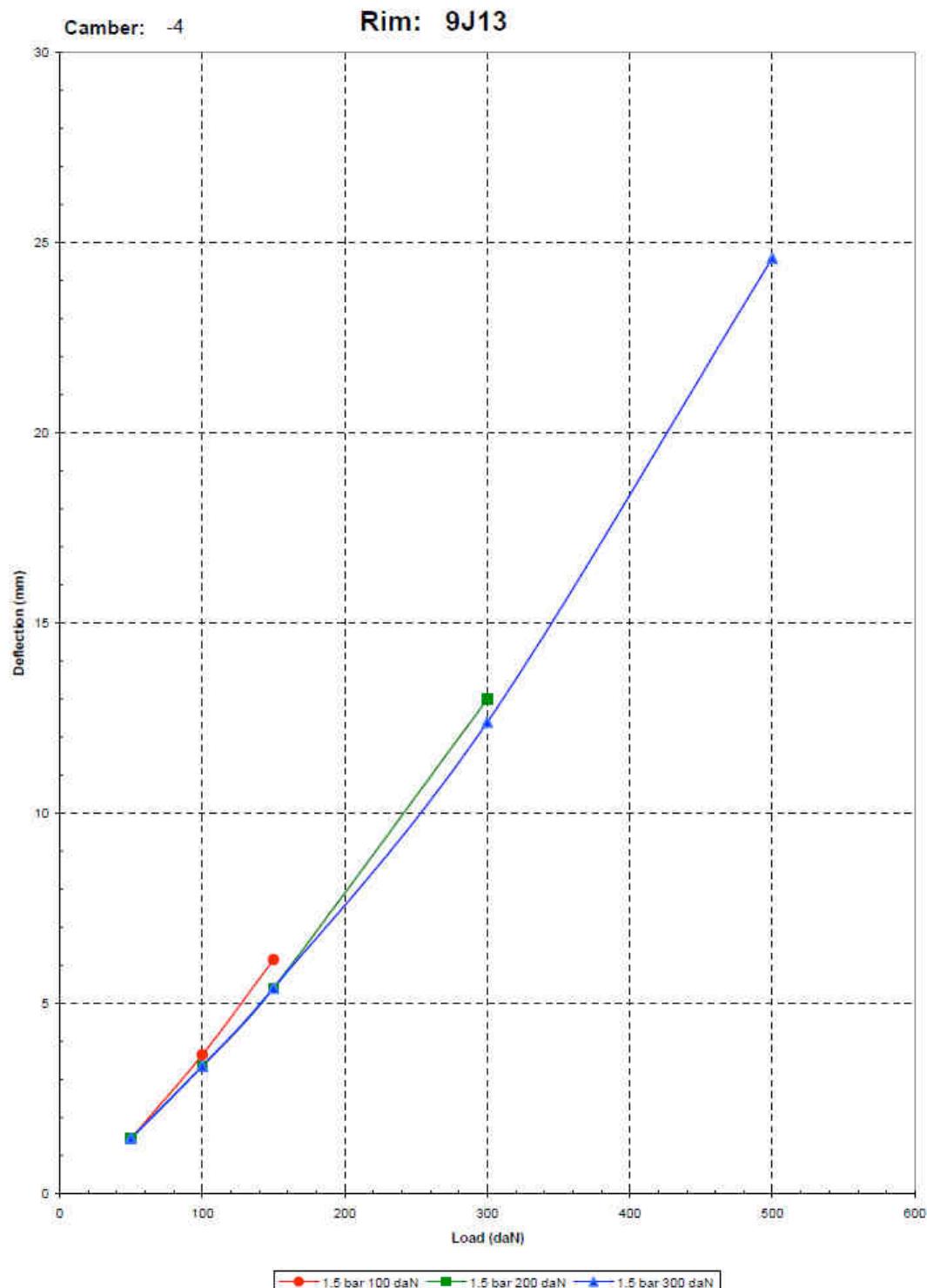


2. RAIDEUR LATERALE STATIQUE

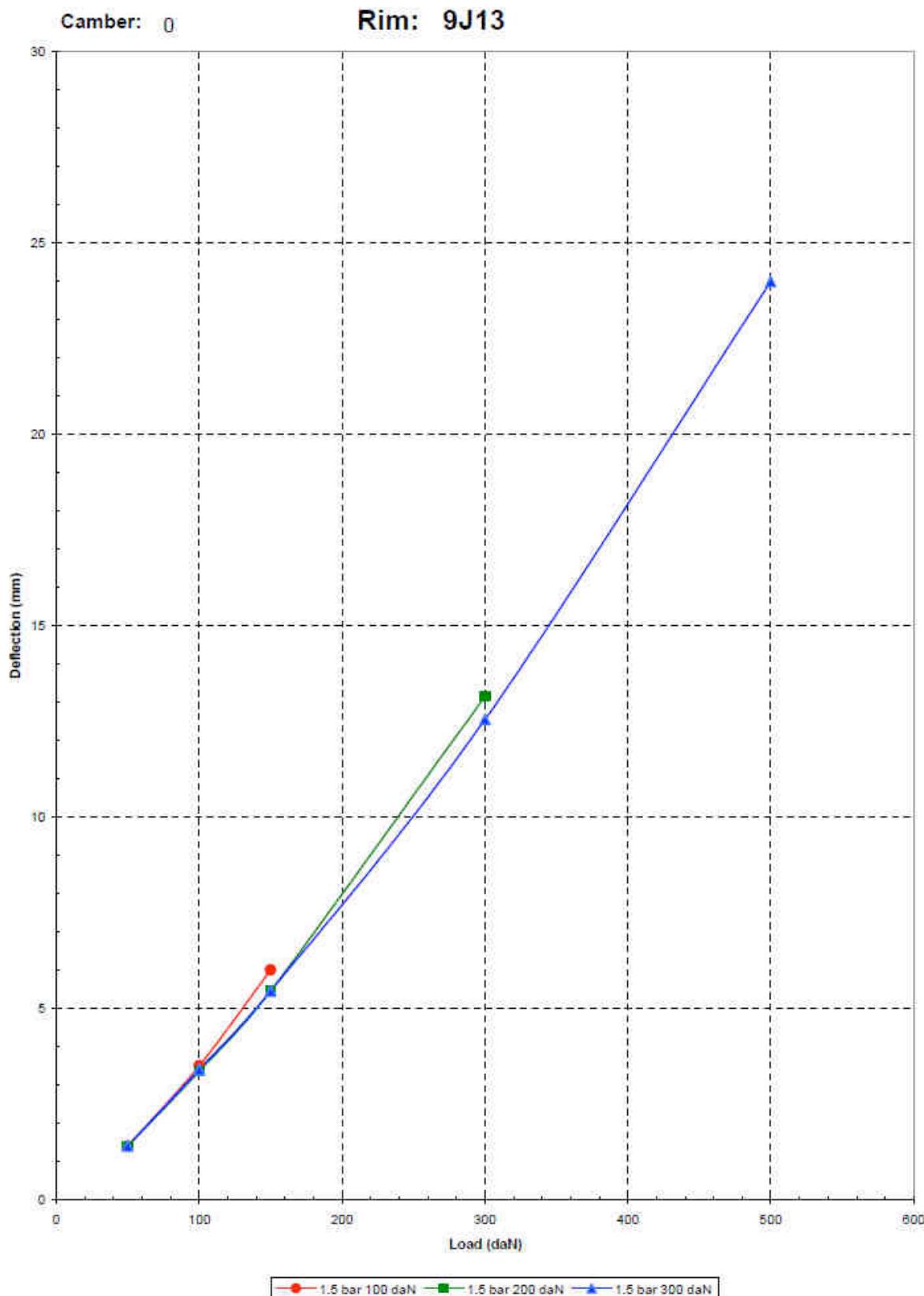
2.1. 20/54-13 Avant

Lateral Deflection / Load

Dimension: 20/54-13

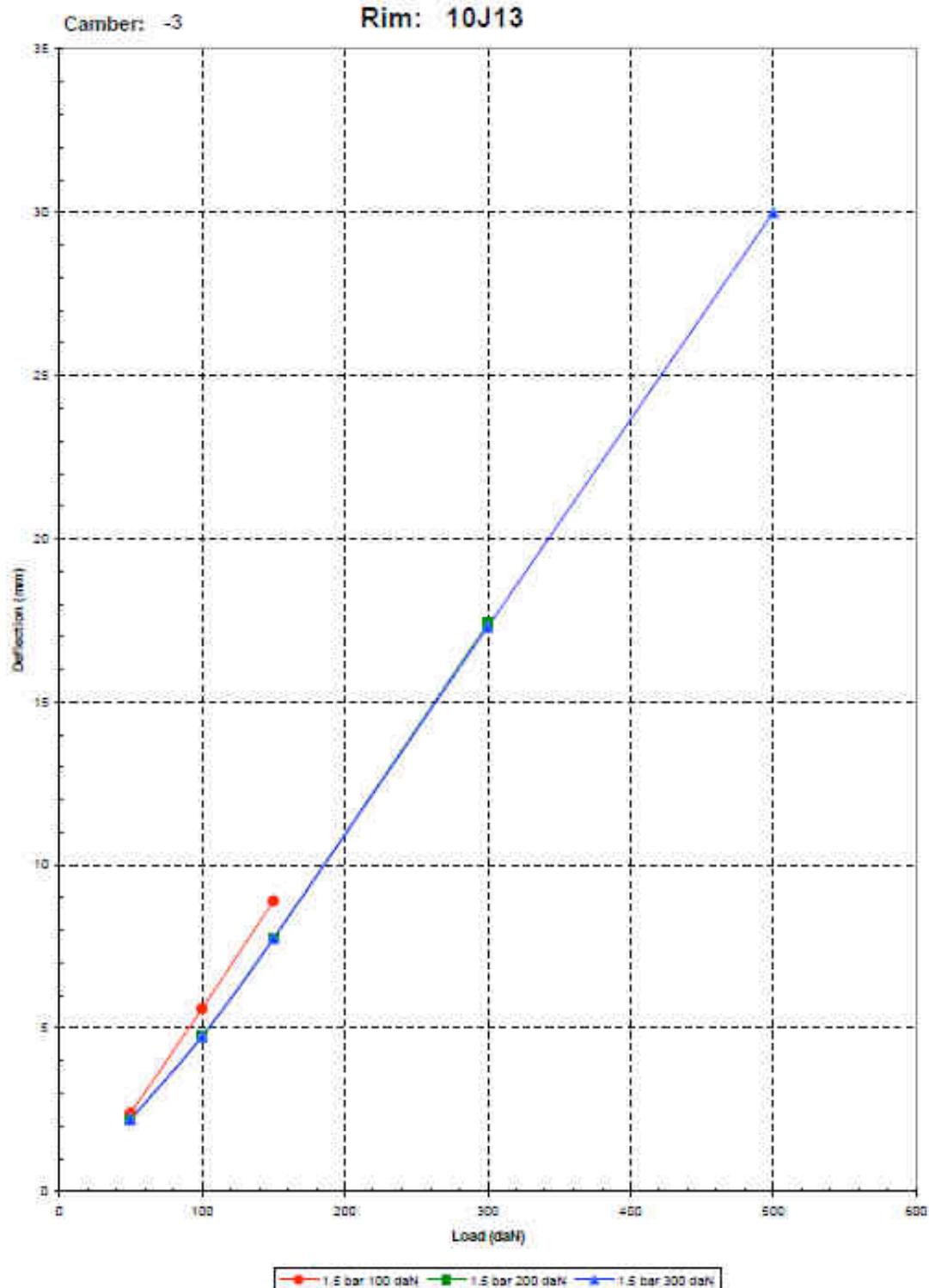


Lateral Deflection / Load
Dimension: 20/54-13

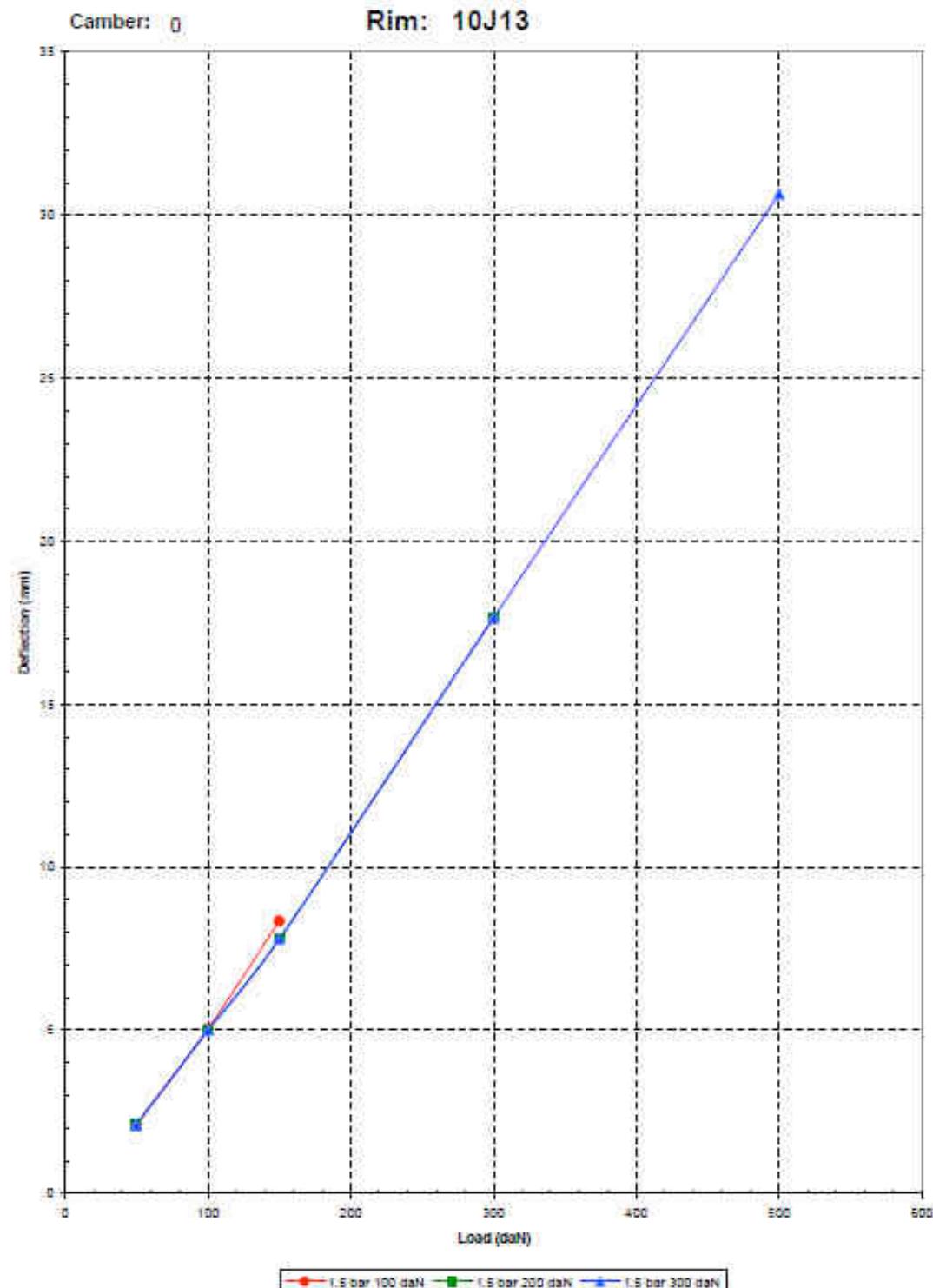


2.2. 24/57-13 Arrière

Lateral Deflection / Load
Dimension: 24/57-13



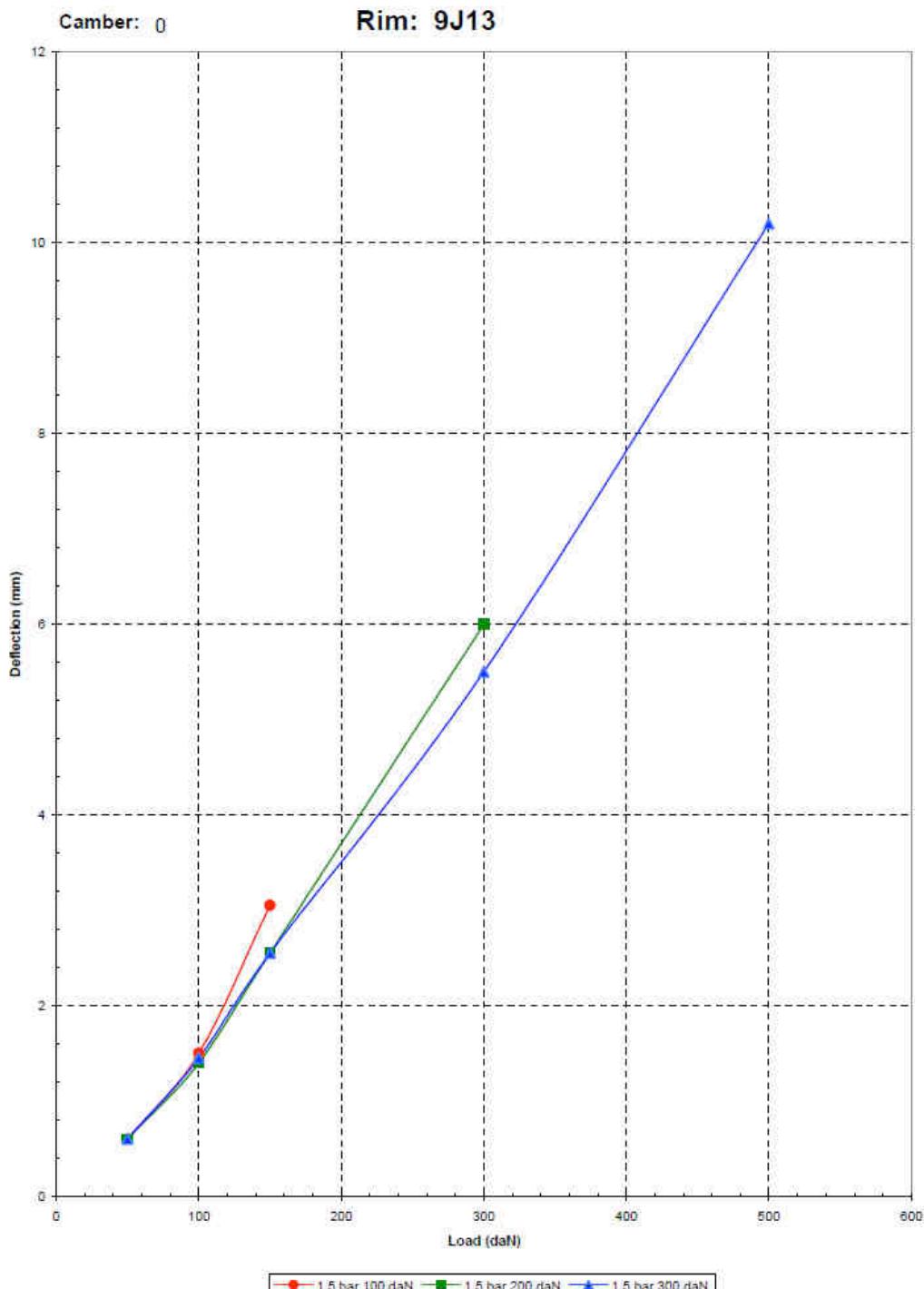
Lateral Deflection / Load
Dimension: 24/57-13



3. RAIDEUR LONGITUDINALE STATIQUE

3.1. 20/54-13 Avant

Longitudinal Deflection / Load
Dimension: 20/54-13

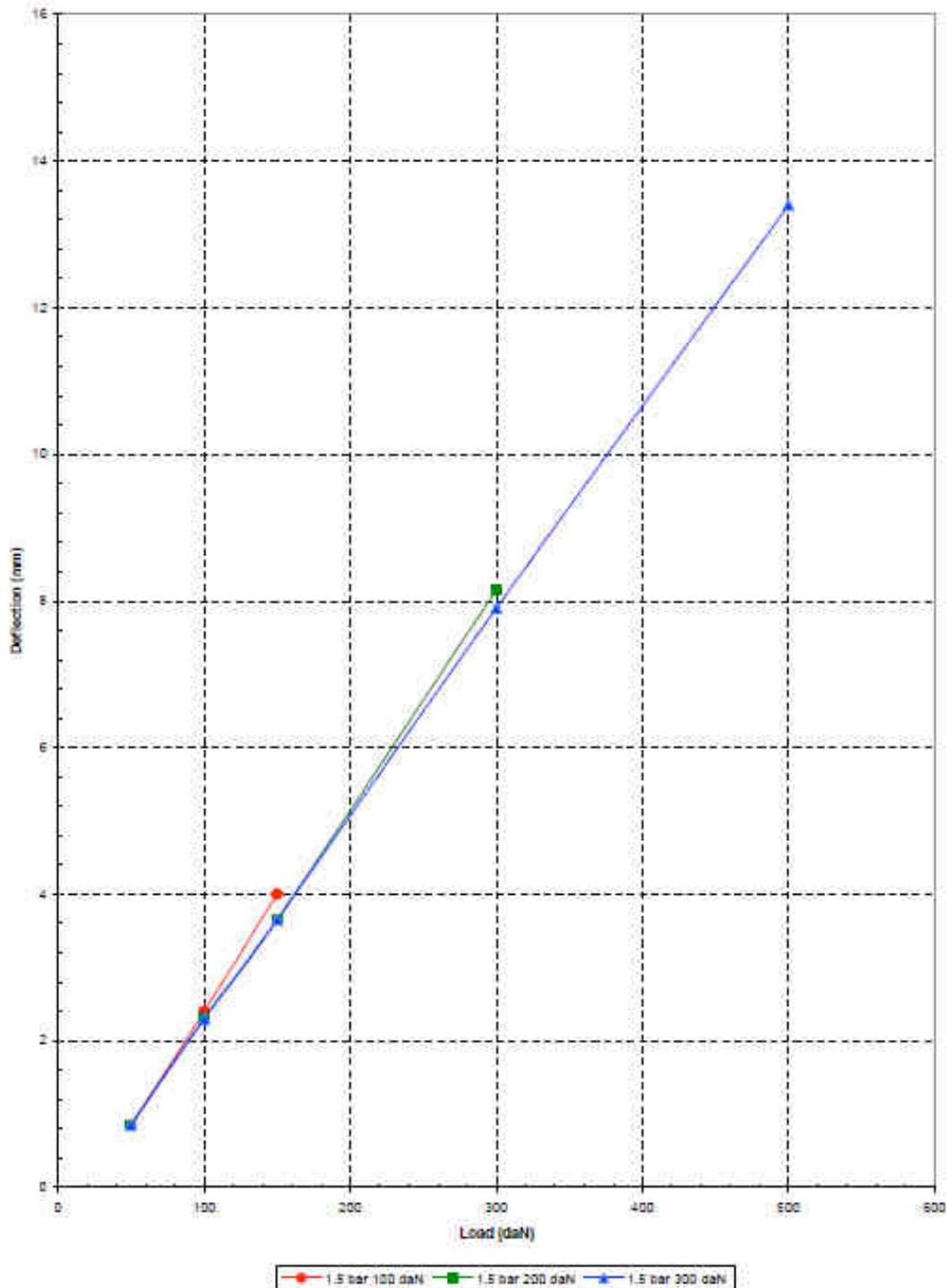


3.2. 24/57-13 Arrière

Longitudinal Deflection / Load
Dimension: 24/57-13

Camber: 0

Rim: 10J13



4. RAYON SOUS CHARGE DYNAMIQUE

4.1. 20/54-13 Avant

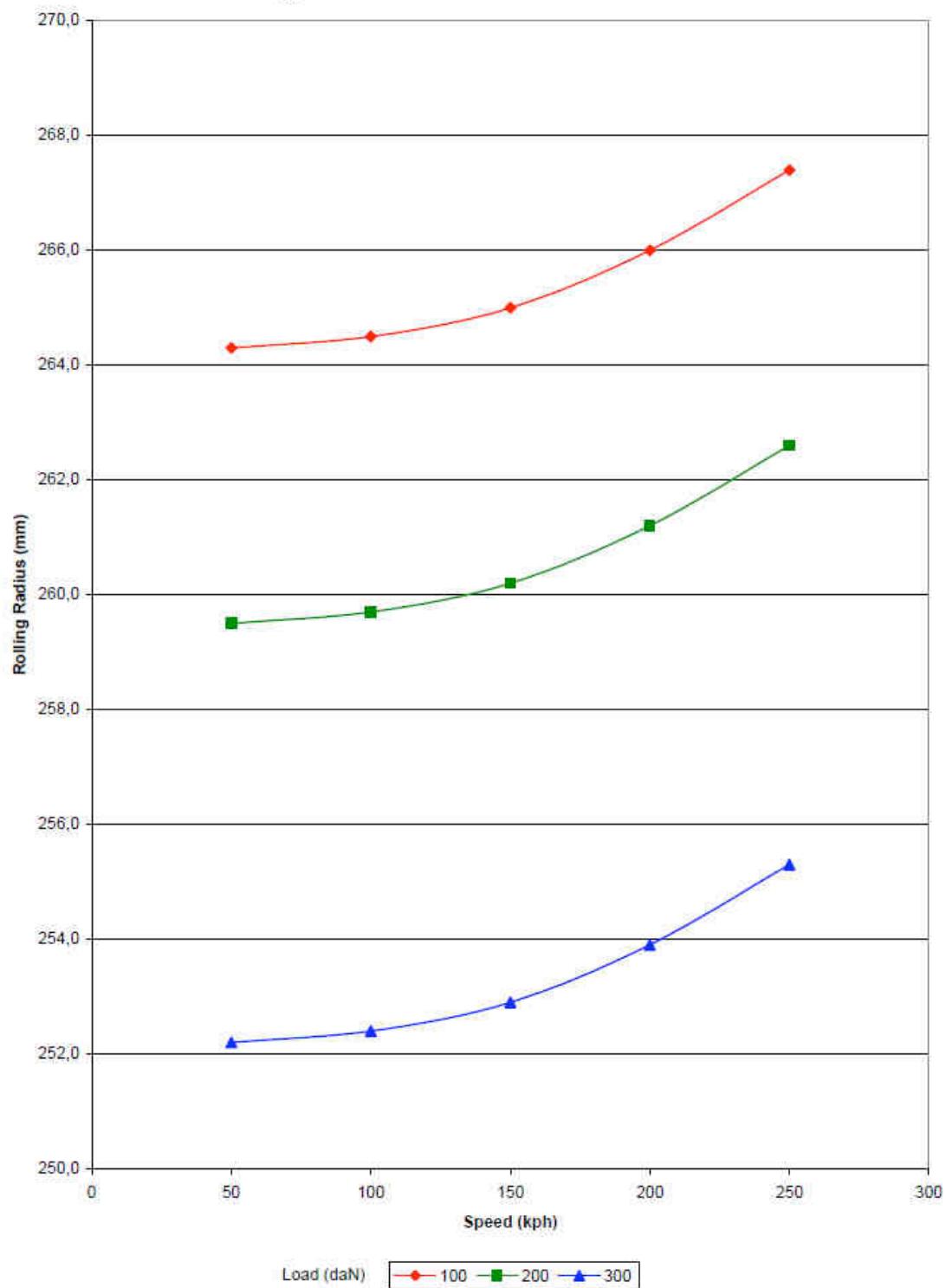
Radius vs. Speed for Loads (ride height)

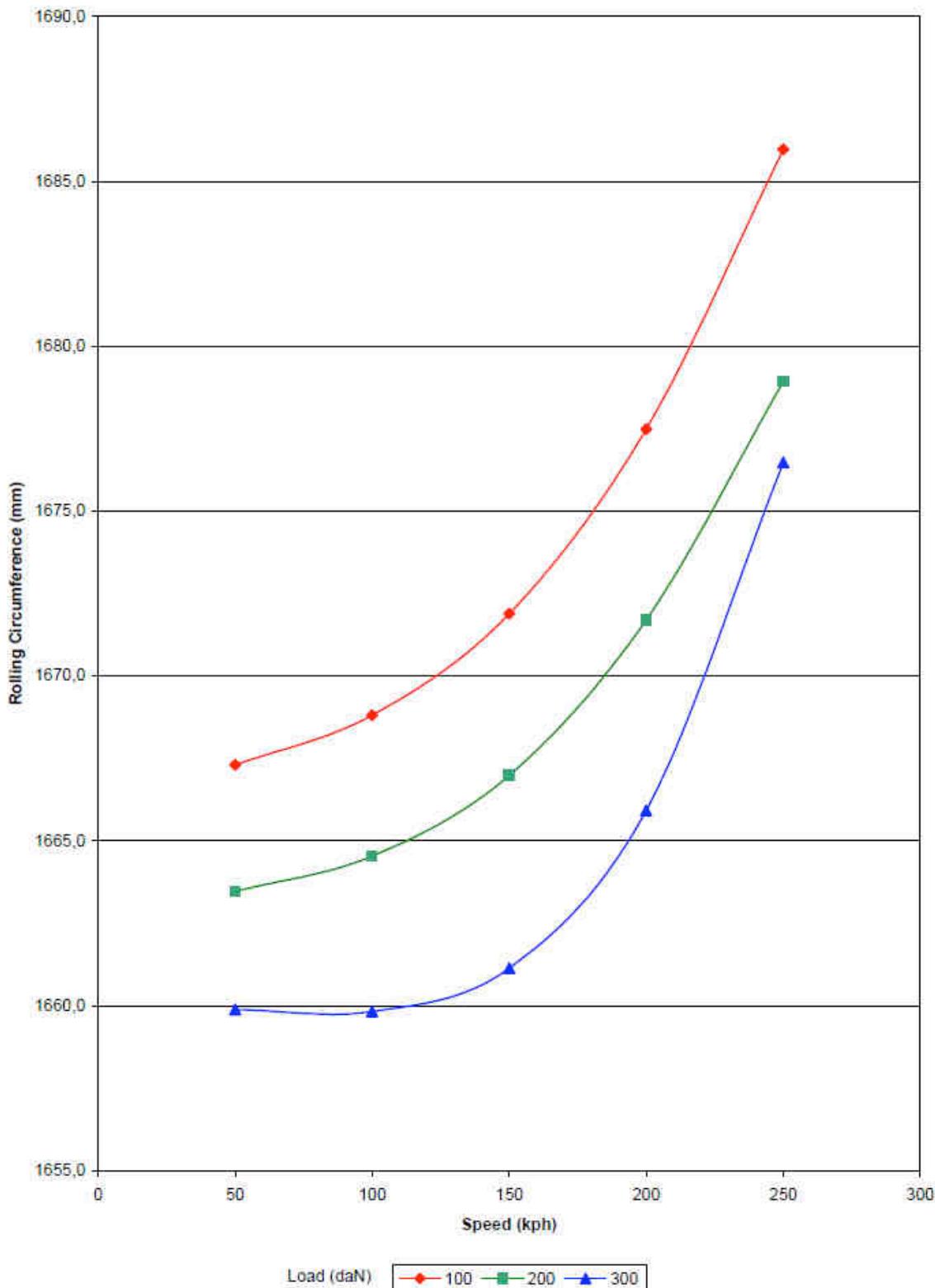
Dimension: 20/54-13

Pression 1,5 bar

Rim 9J13

Camber 0



Rolling Circumference vs. Speed for Loads (gearing)**Dimension: 20/54-13****Pressure 1,5 bar****Rim 9J13****Camber 0**

4.2. 24/57-13 Arrière

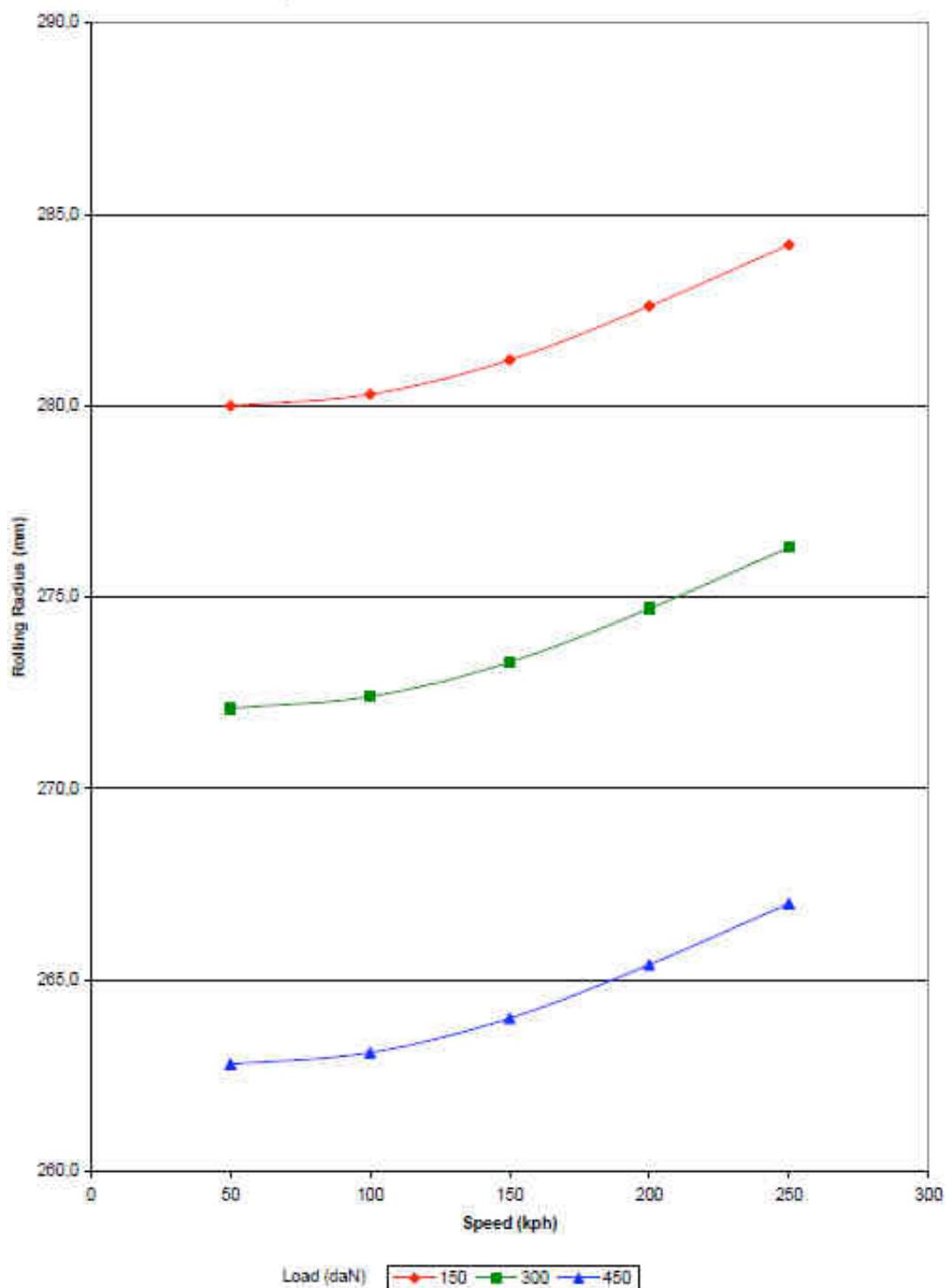
Radius vs. Speed for Loads (ride height)

Dimension: 24/57-13

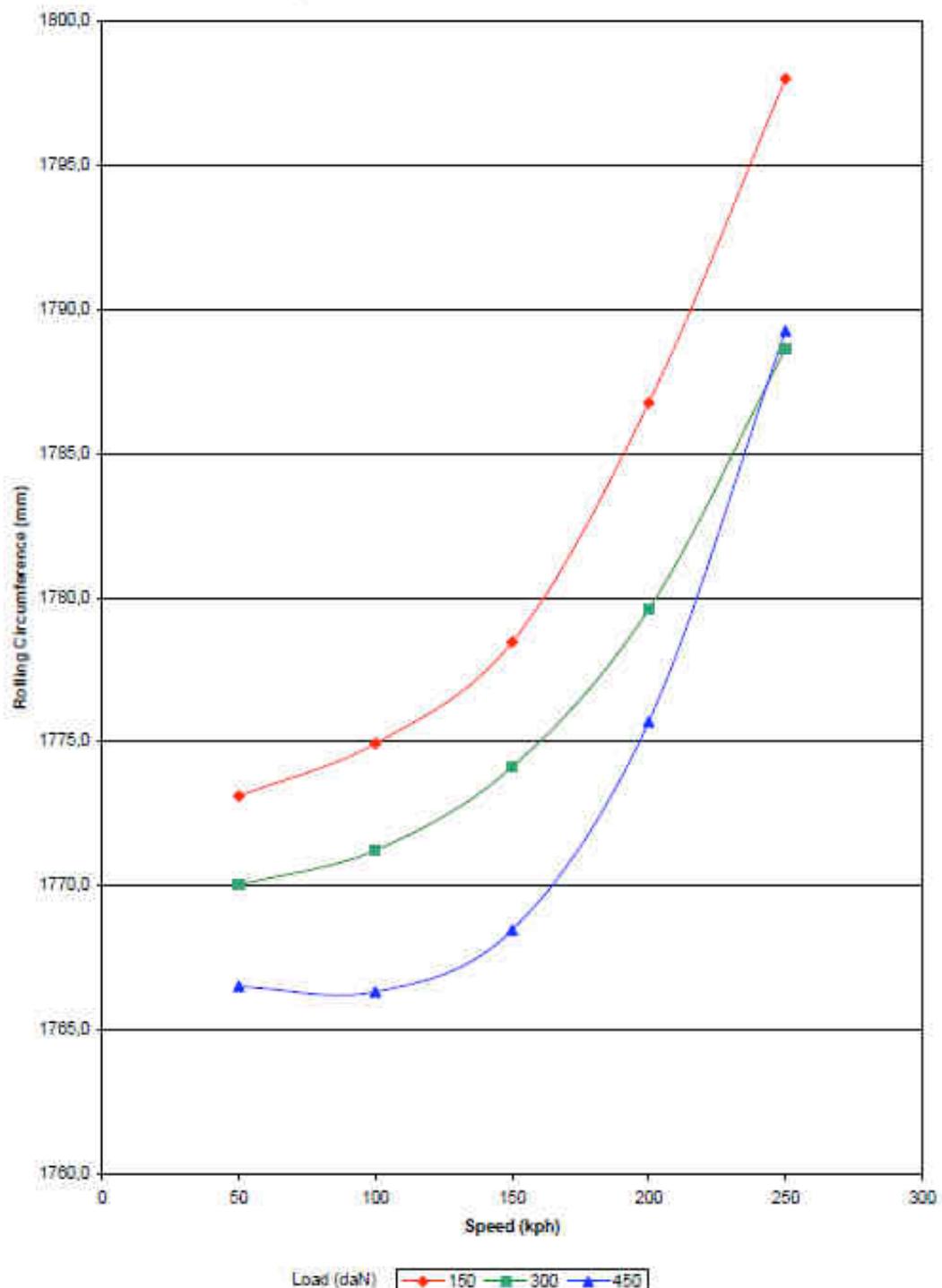
Pression 1,5 bar

Rim 10J13

Camber 0

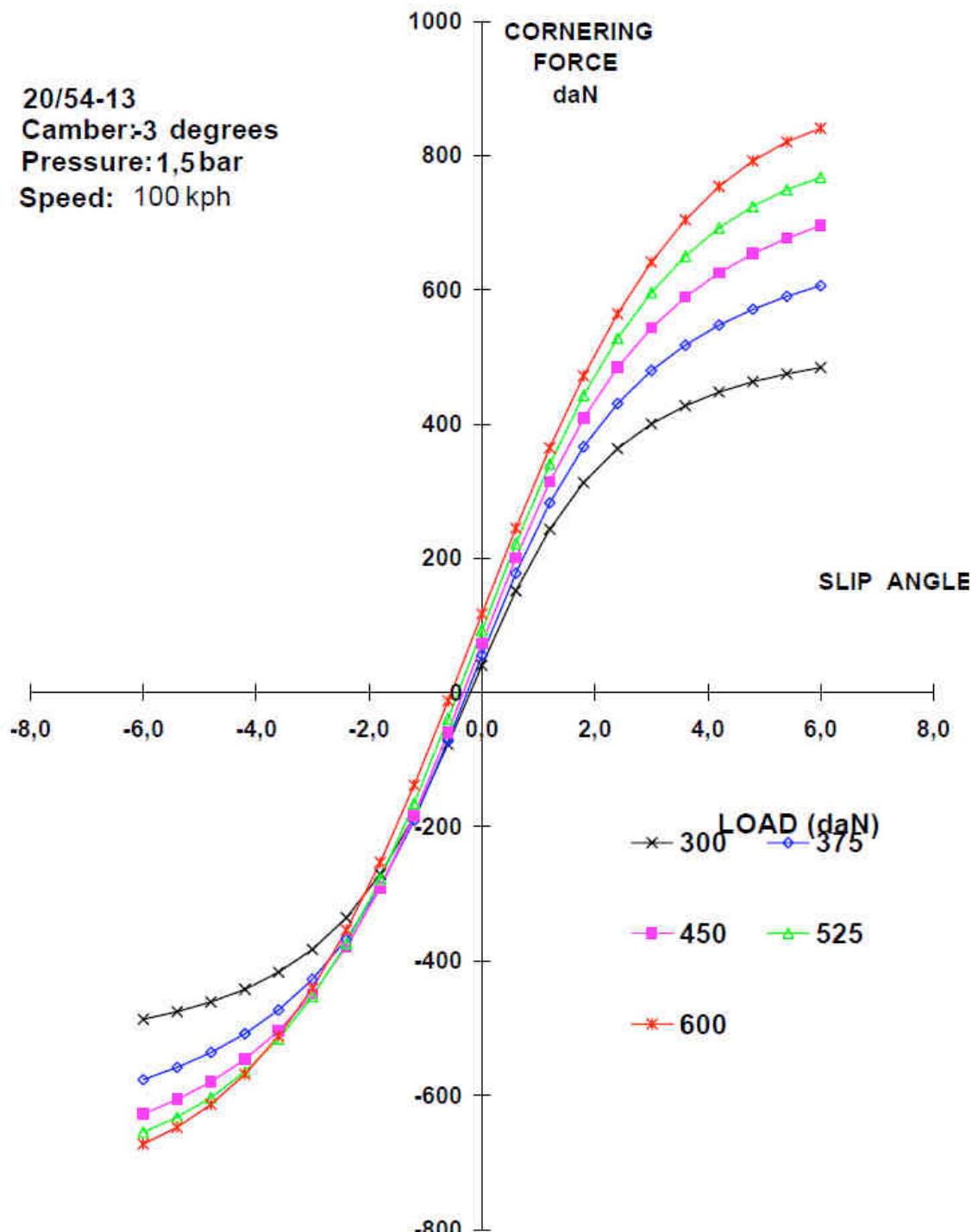


Note : pour obtenir le rayon sous charge dynamique d'un pneu pluie arrière, il faut ajouter 12mm aux valeurs ci-dessus obtenues avec un pneu slick.

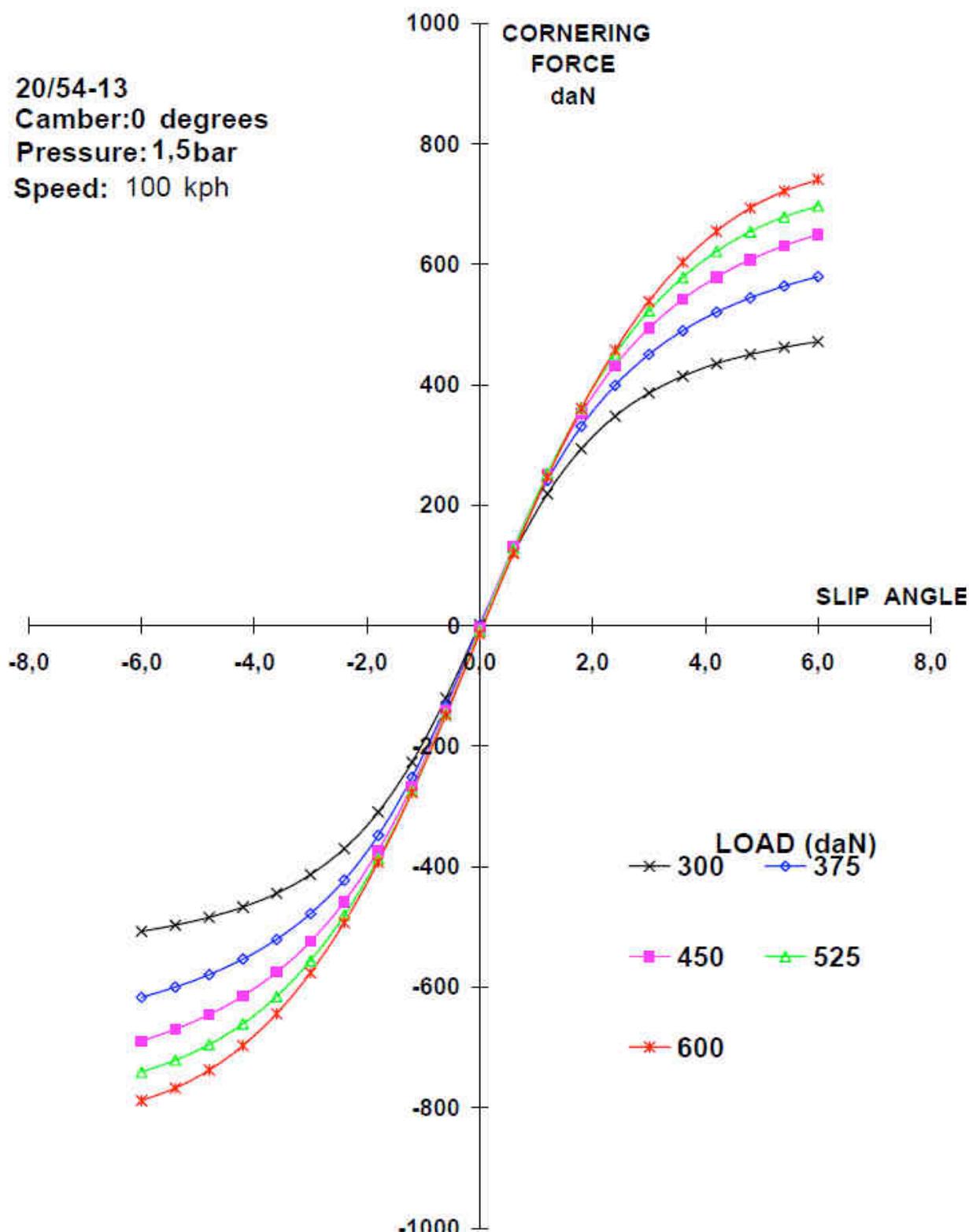
Rolling Circumference vs. Speed for Loads (gearing)
Dimension: 24/57-13
Pressure 1,5 bar
Rim 10J13
Camber 0


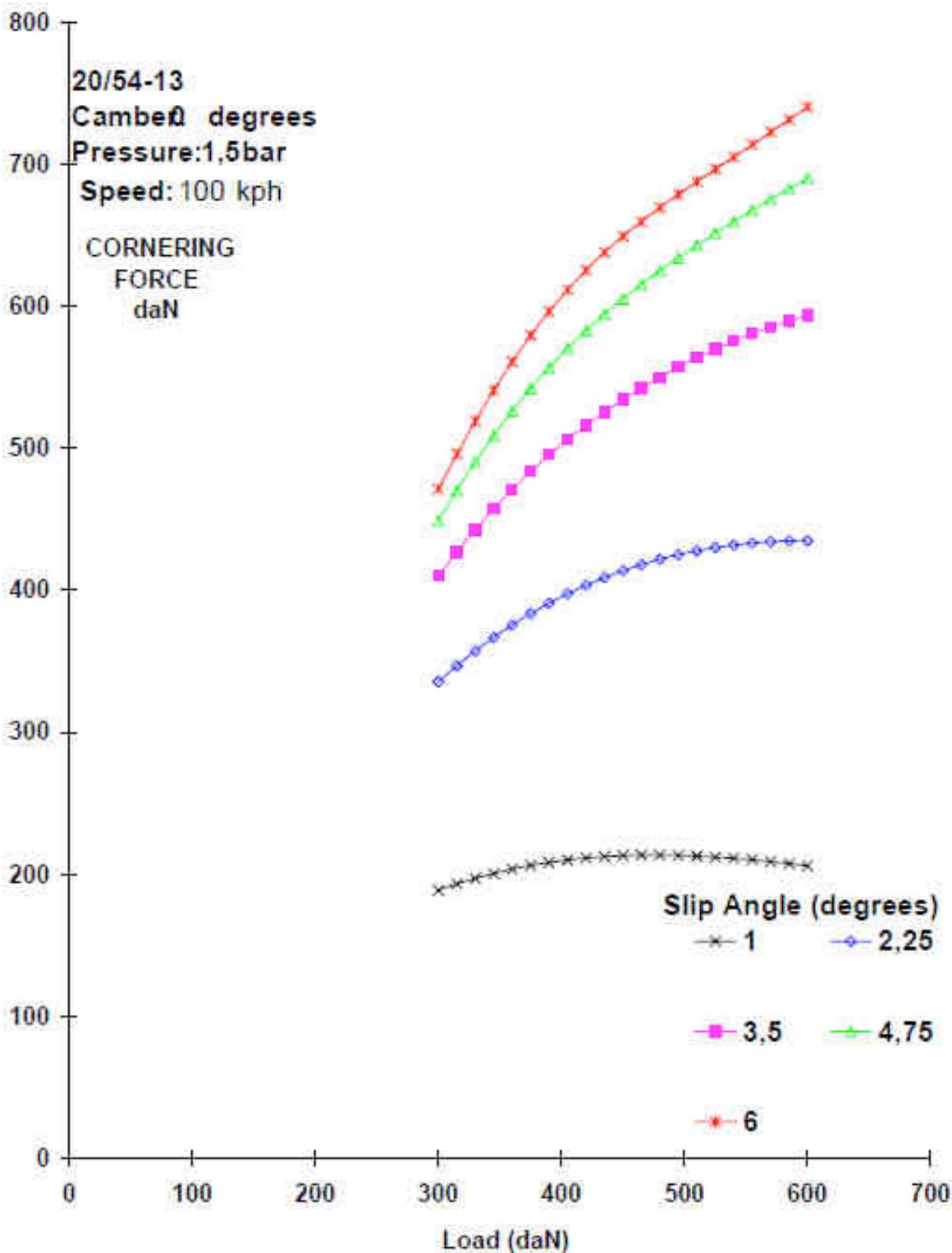
5. FORCE DE DERIVE

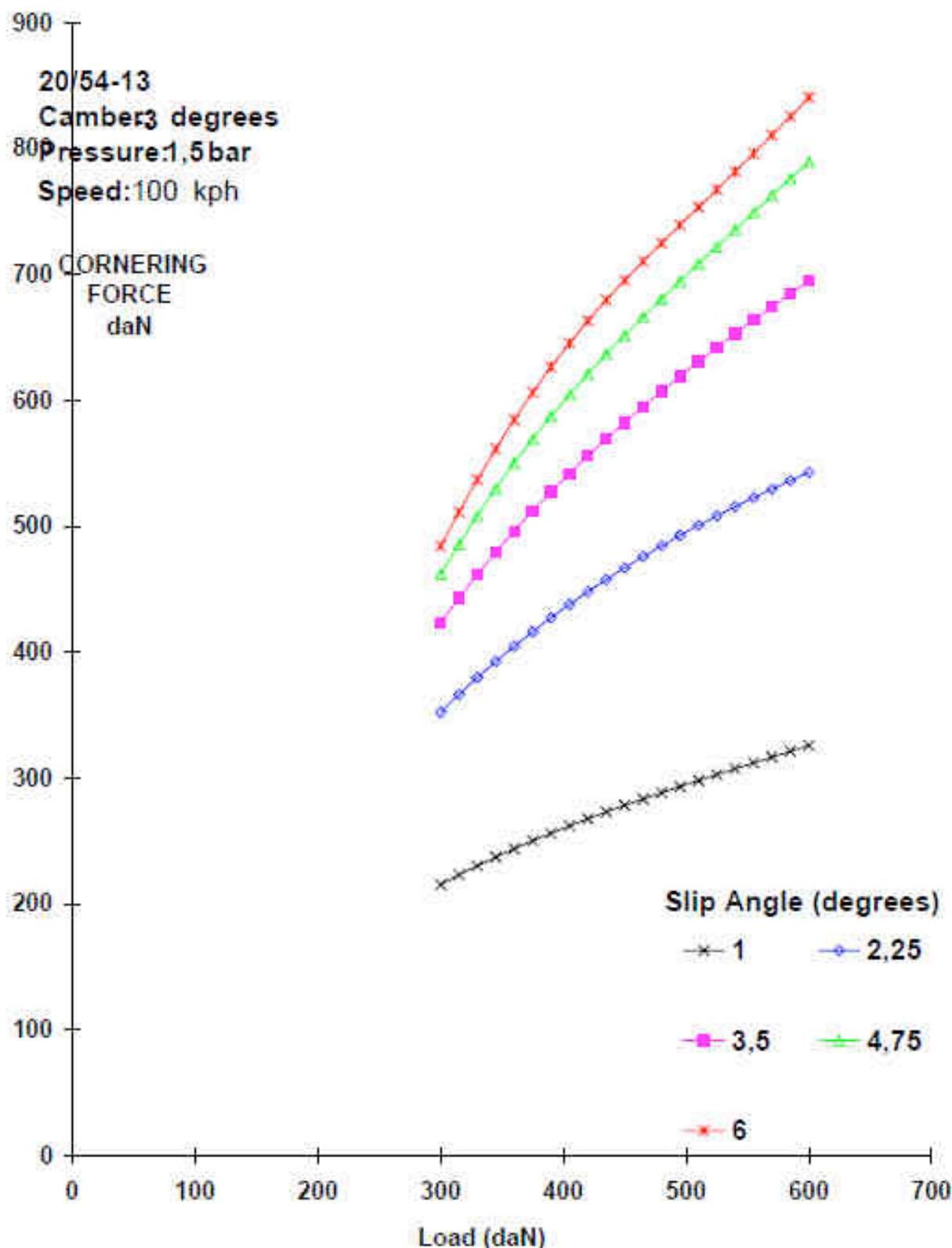
5.1. 20/54-13 Avant



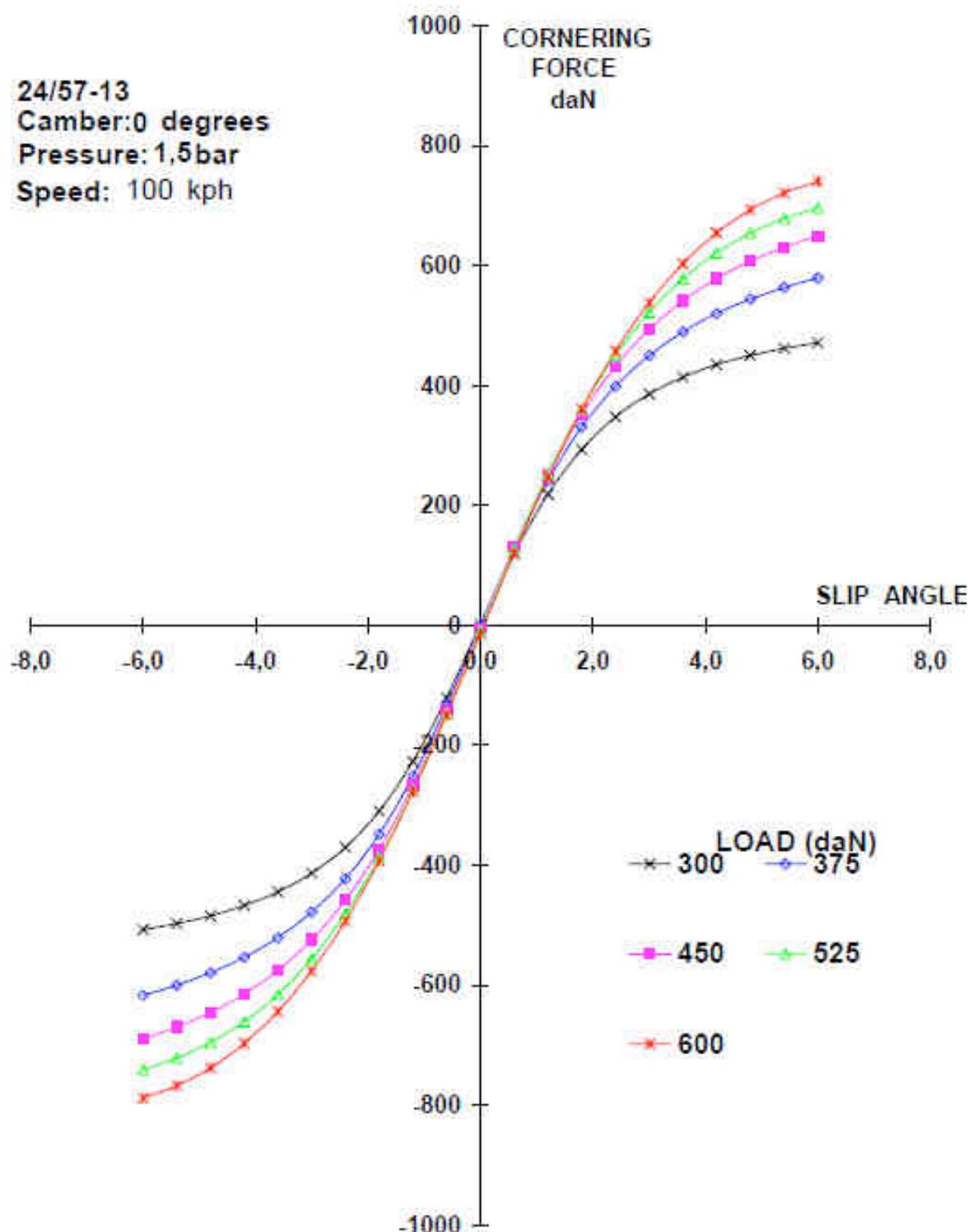
20/54-13
Camber: 0 degrees
Pressure: 1,5bar
Speed: 100 kph

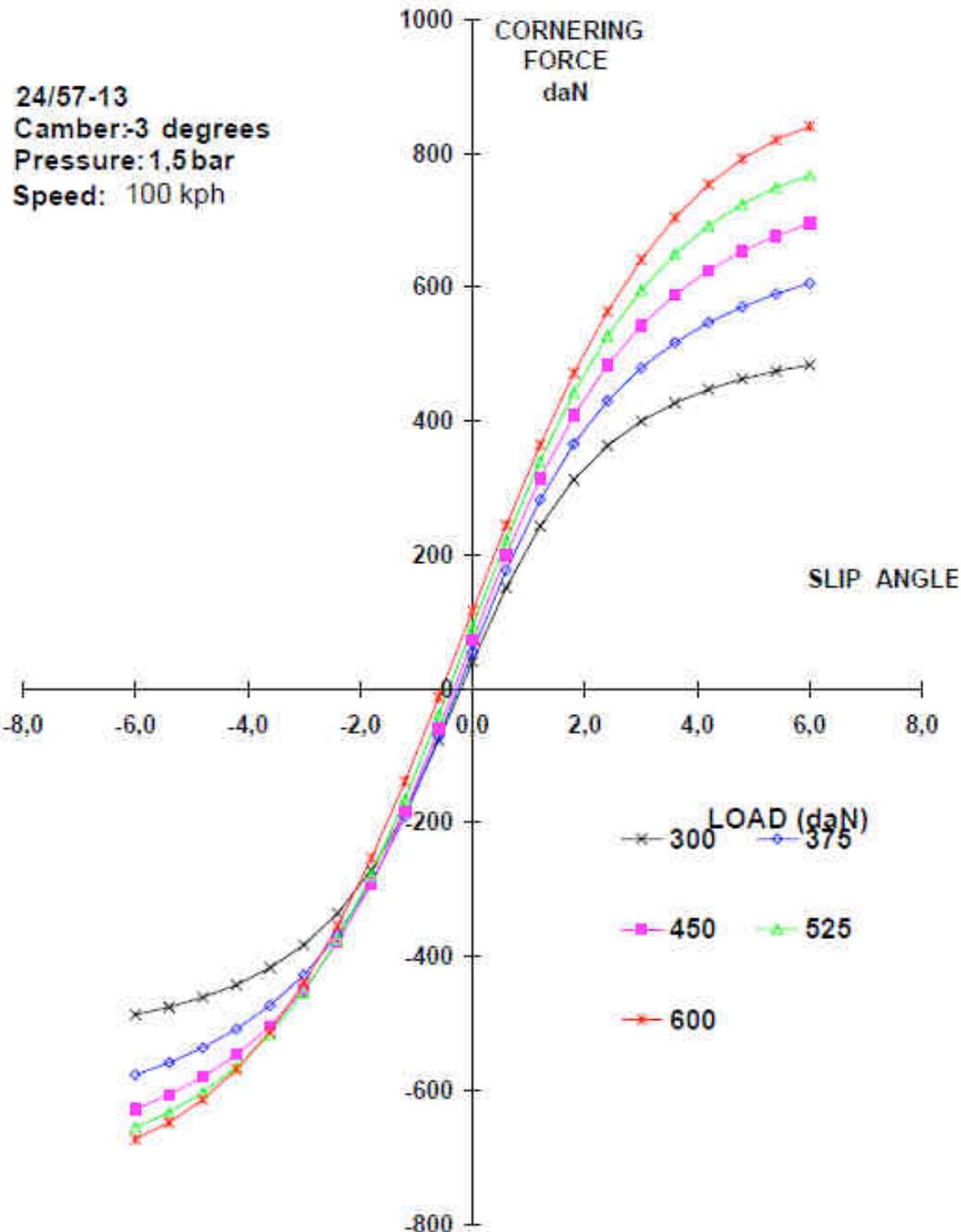


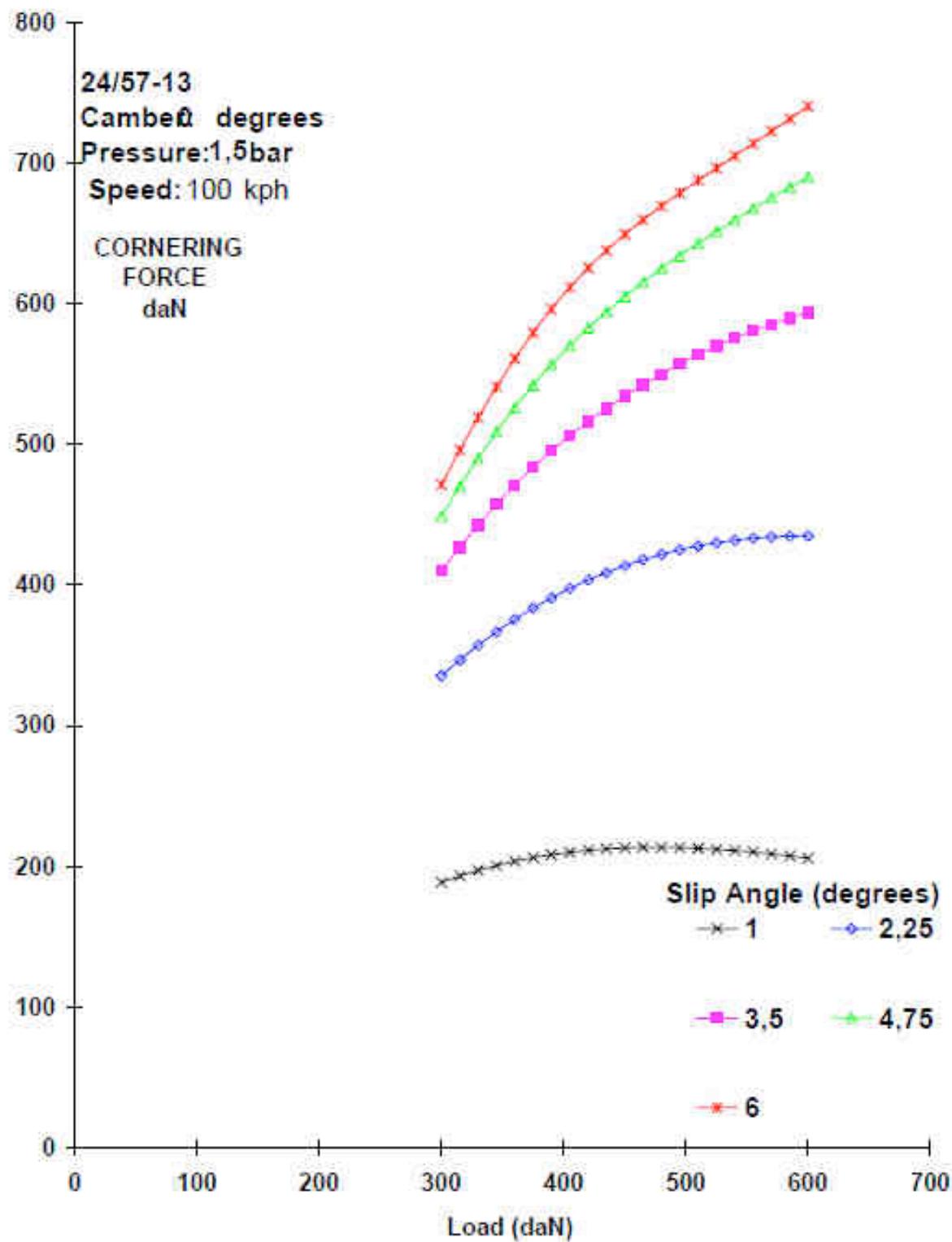


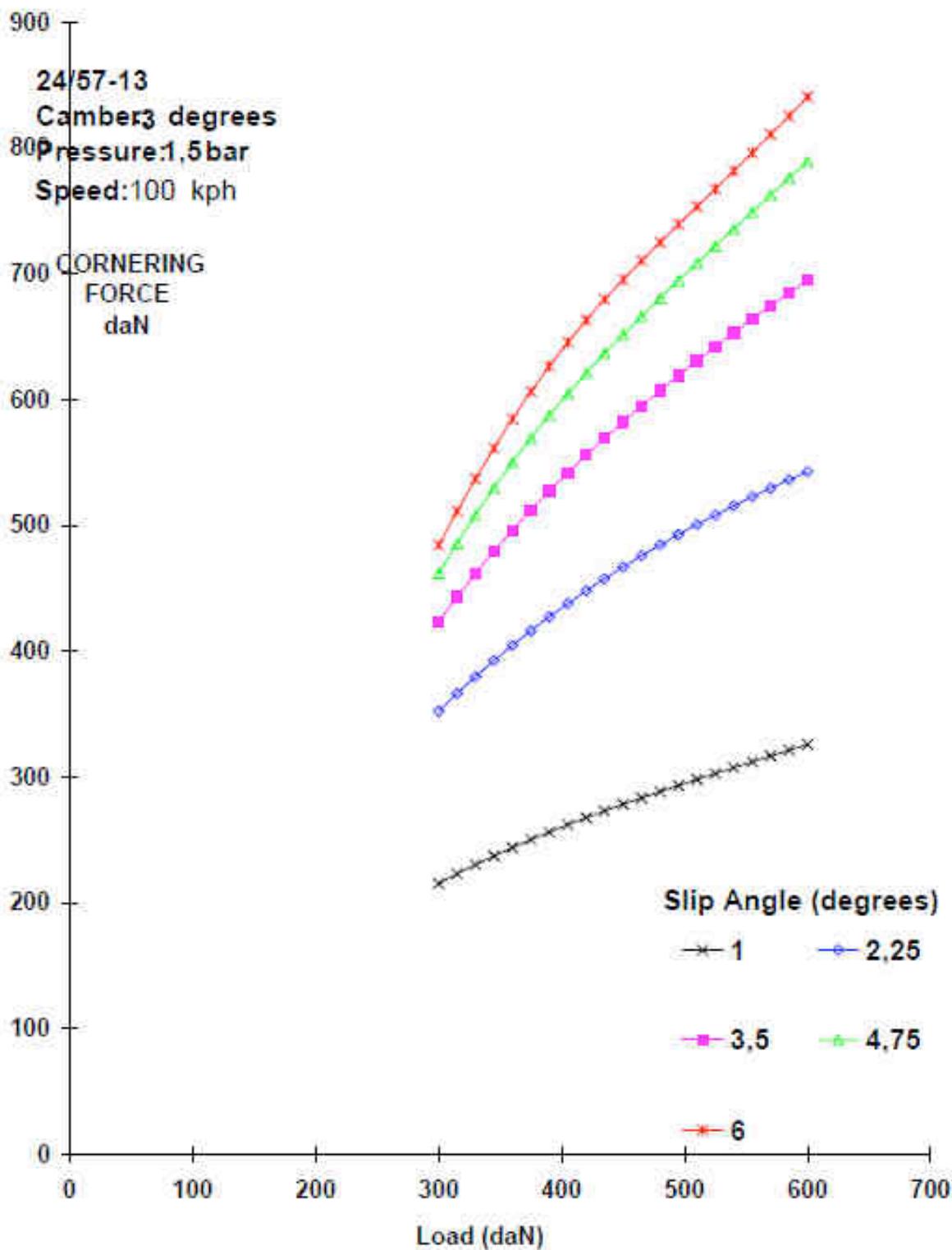


5.2. 24/57-13 Arrière



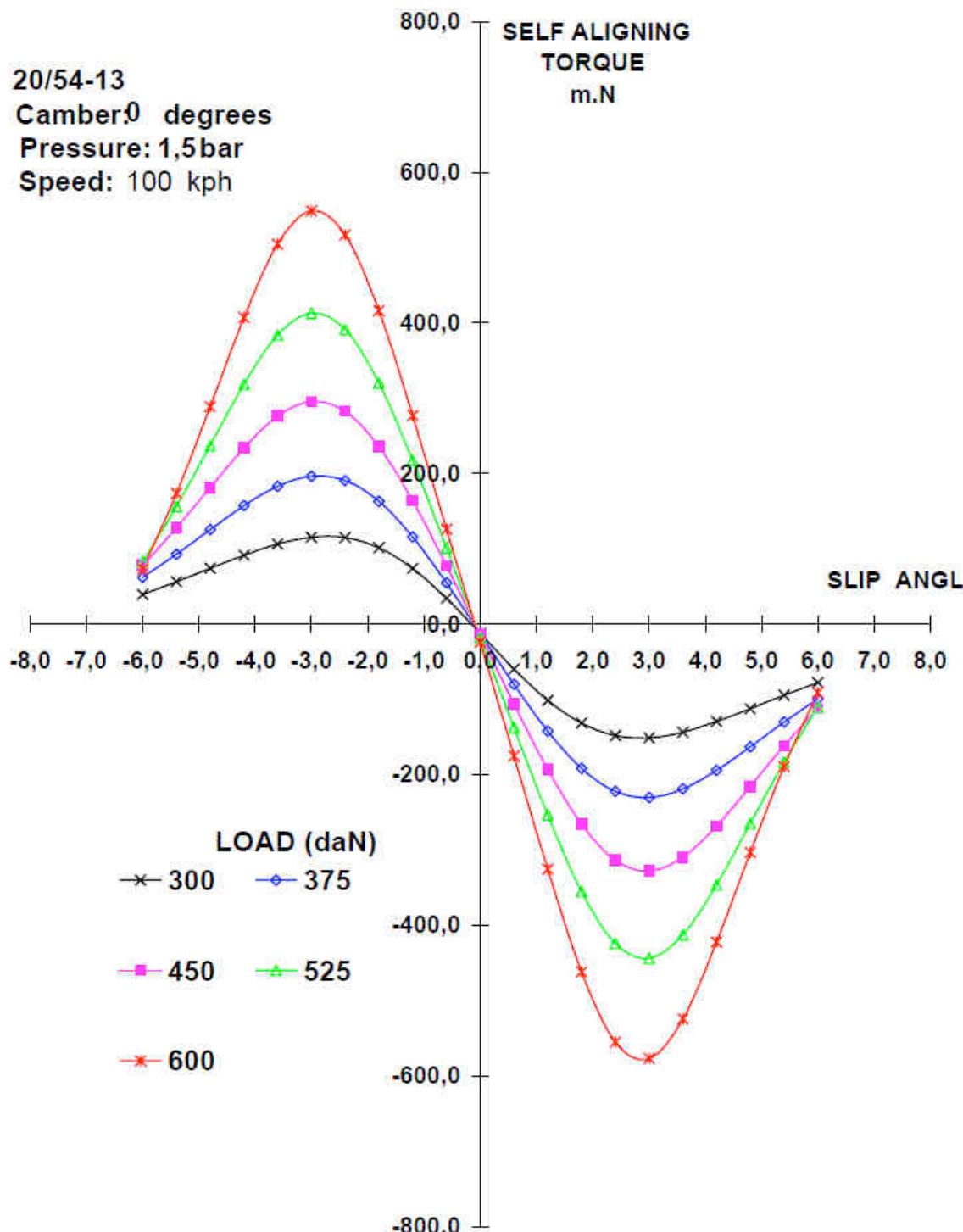


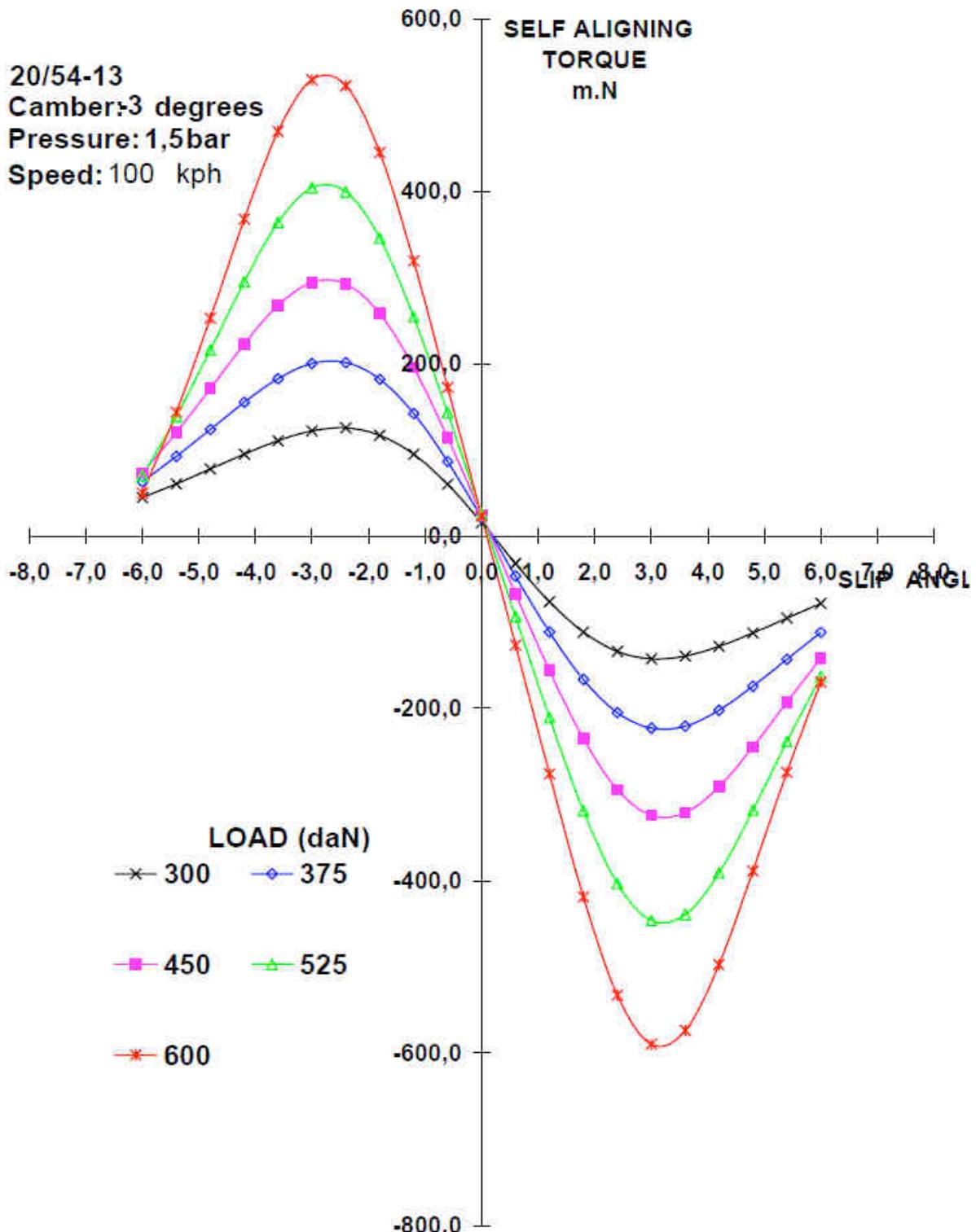


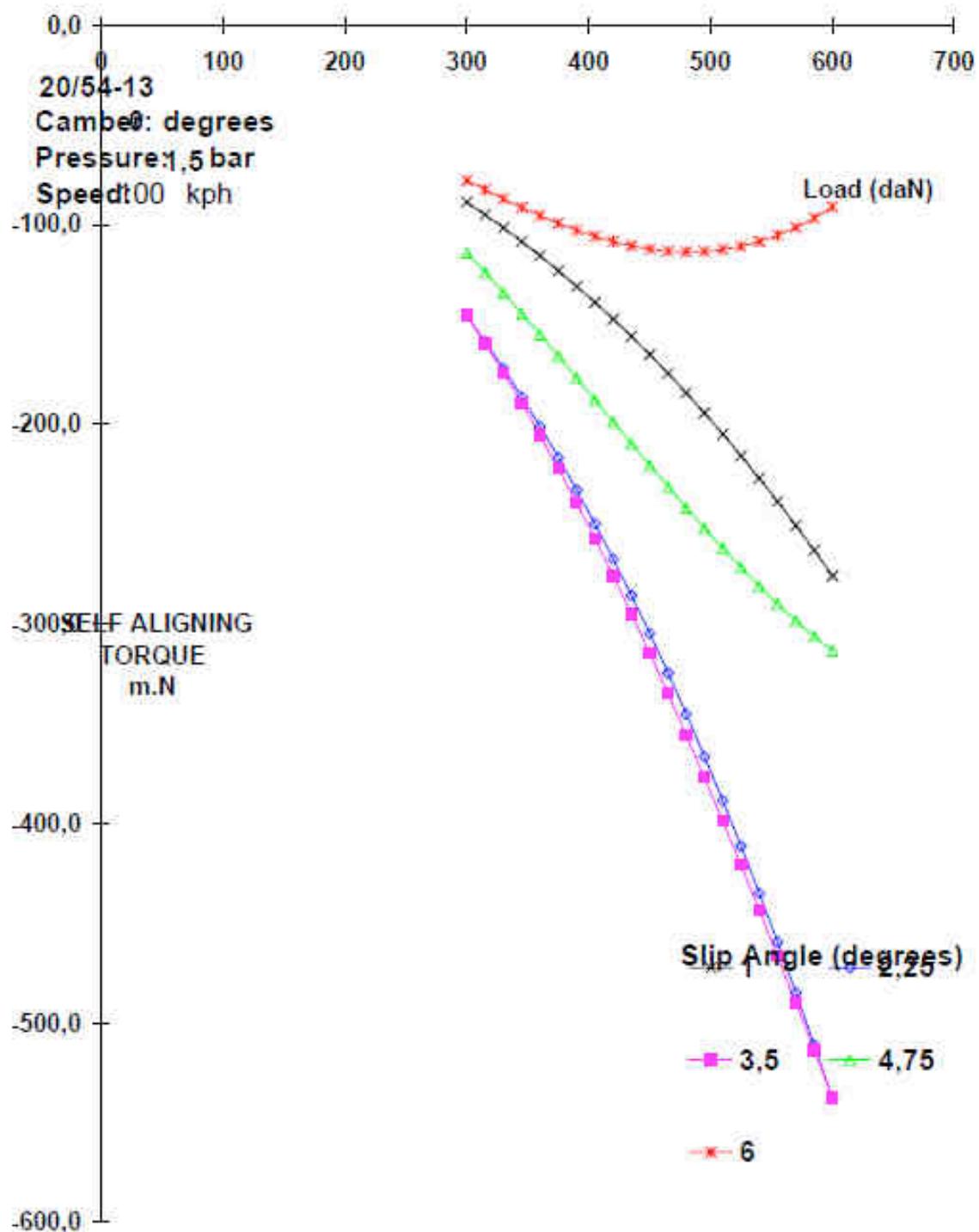


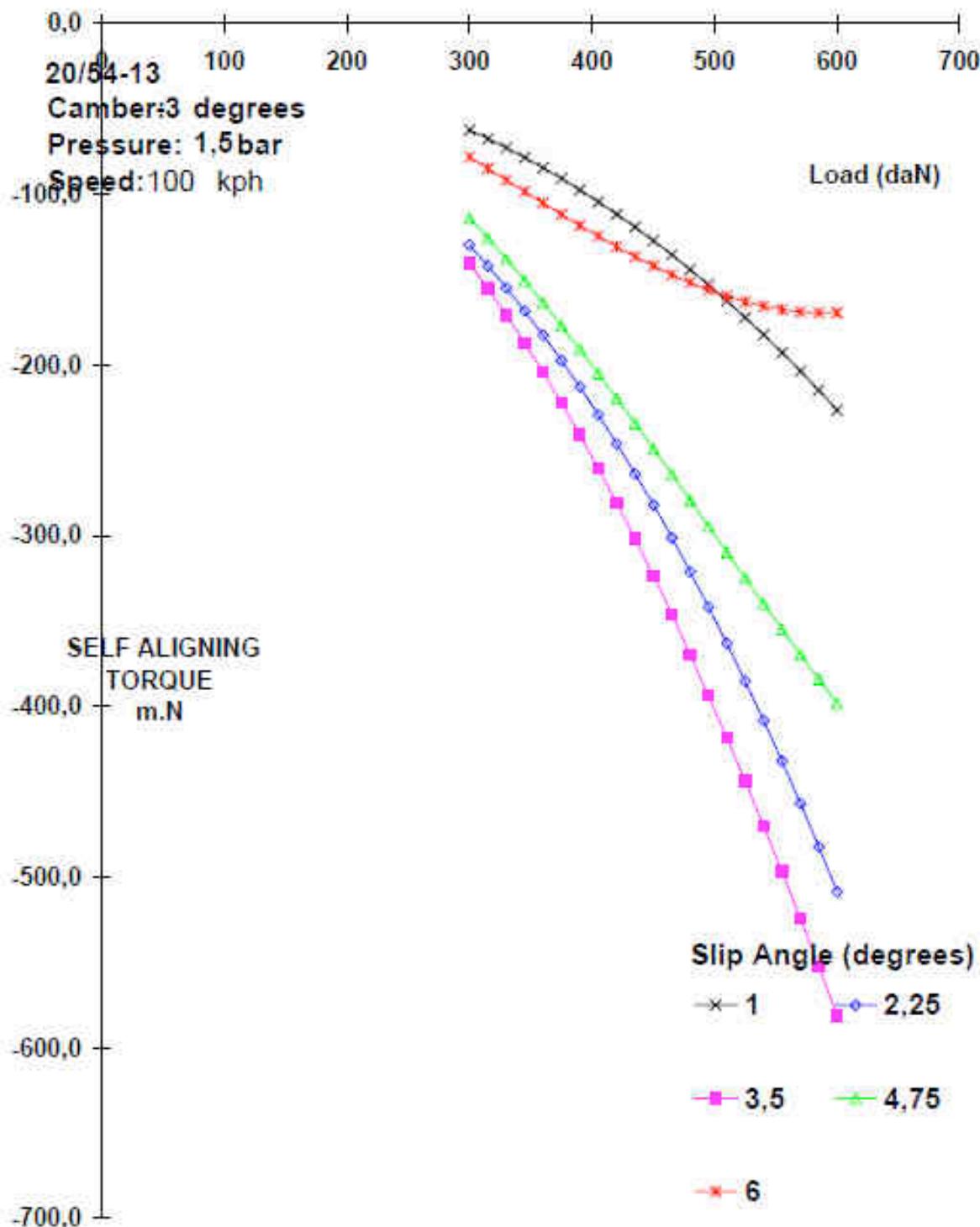
6. COUPLE D'AUTO-ALIGNEMENT

6.1. 20/54-13 Avant

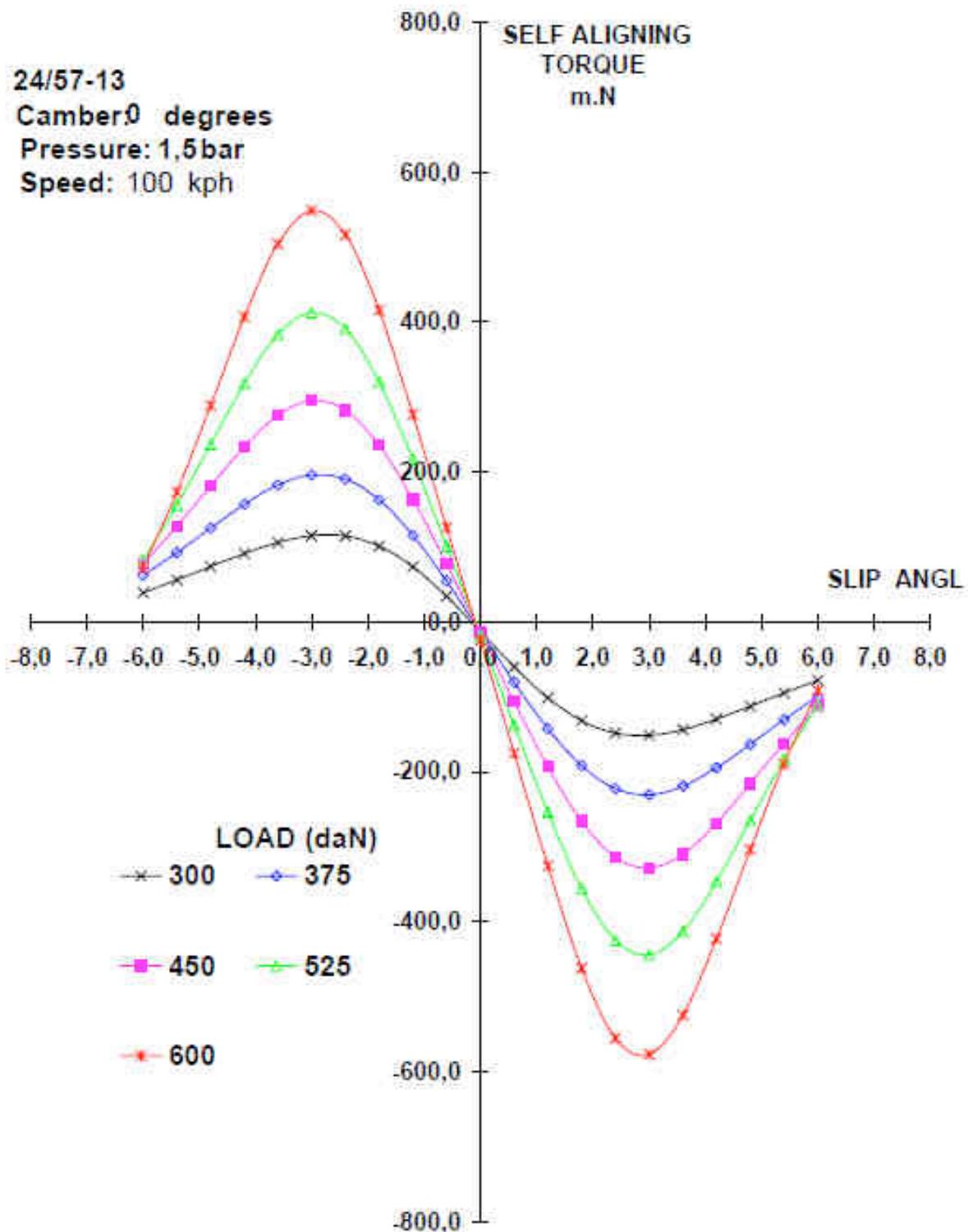


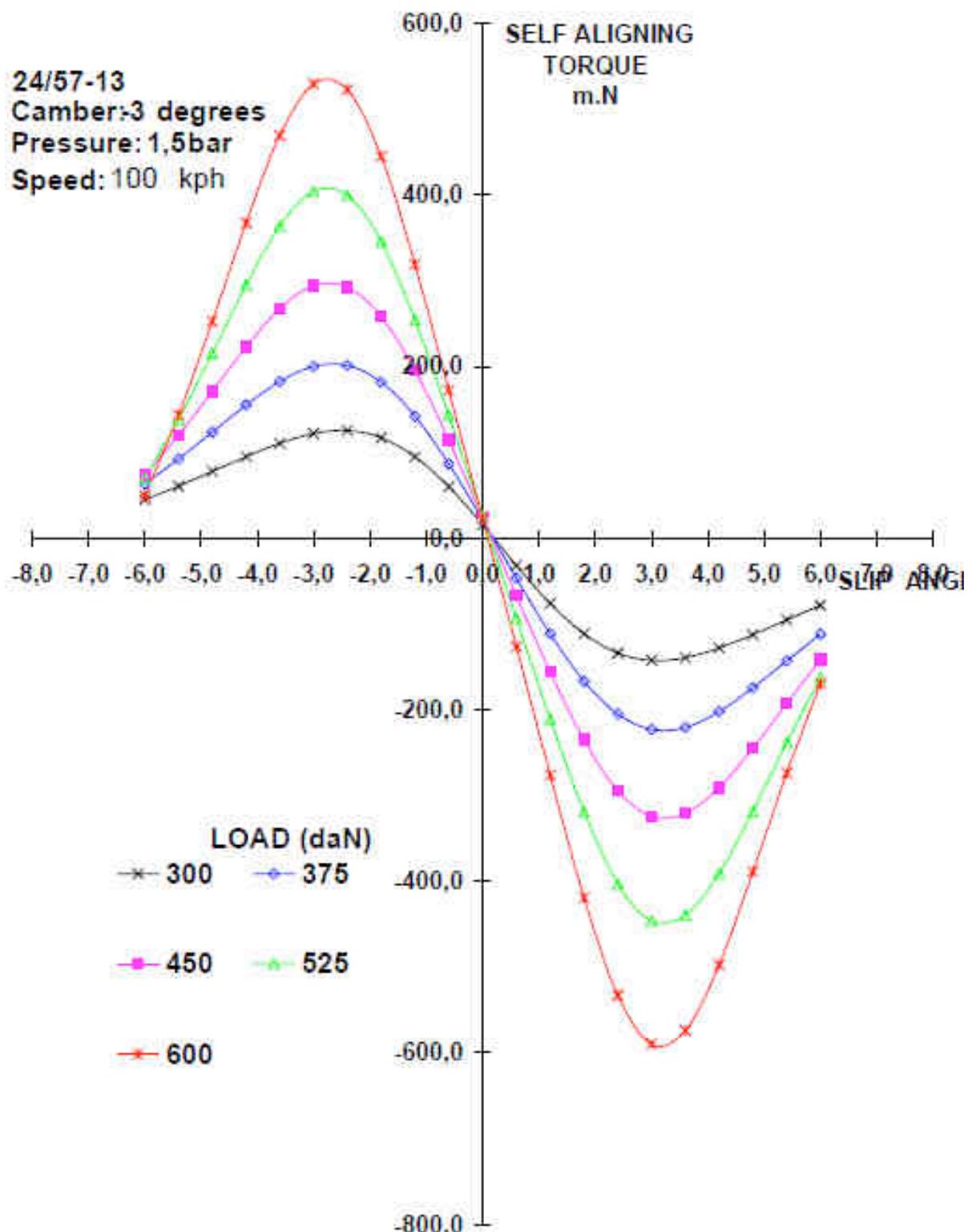


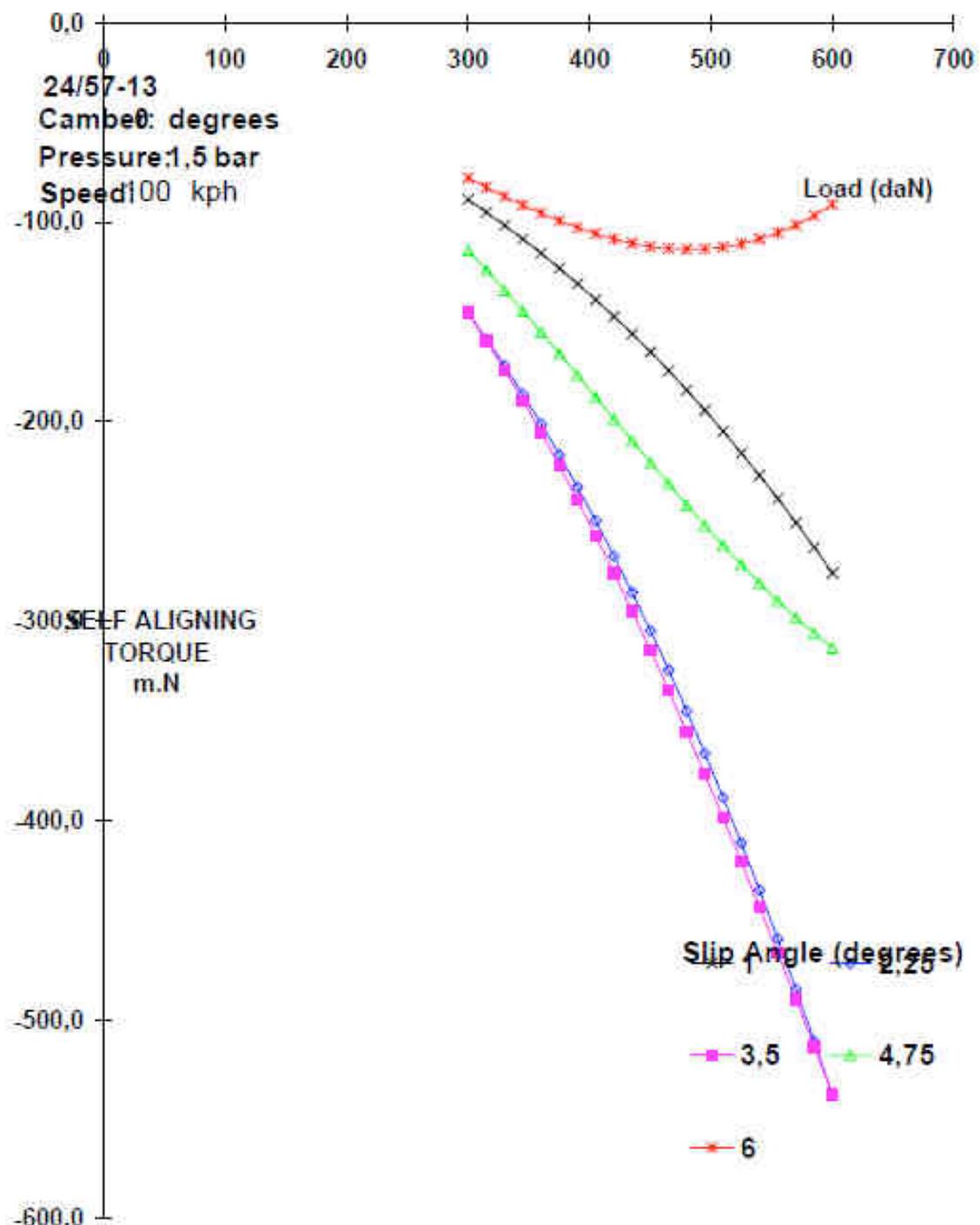


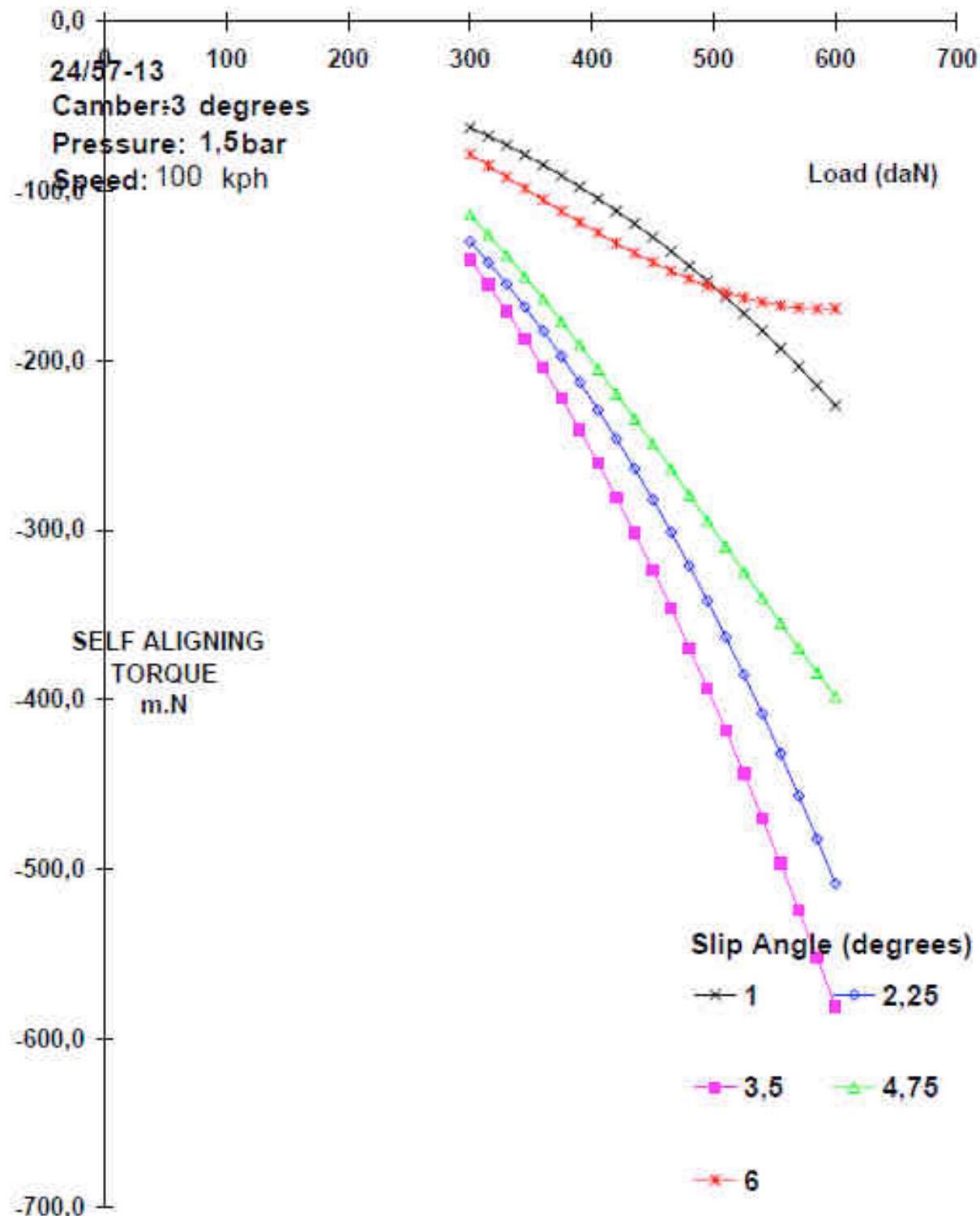


6.2. 24/57-13 Arrière



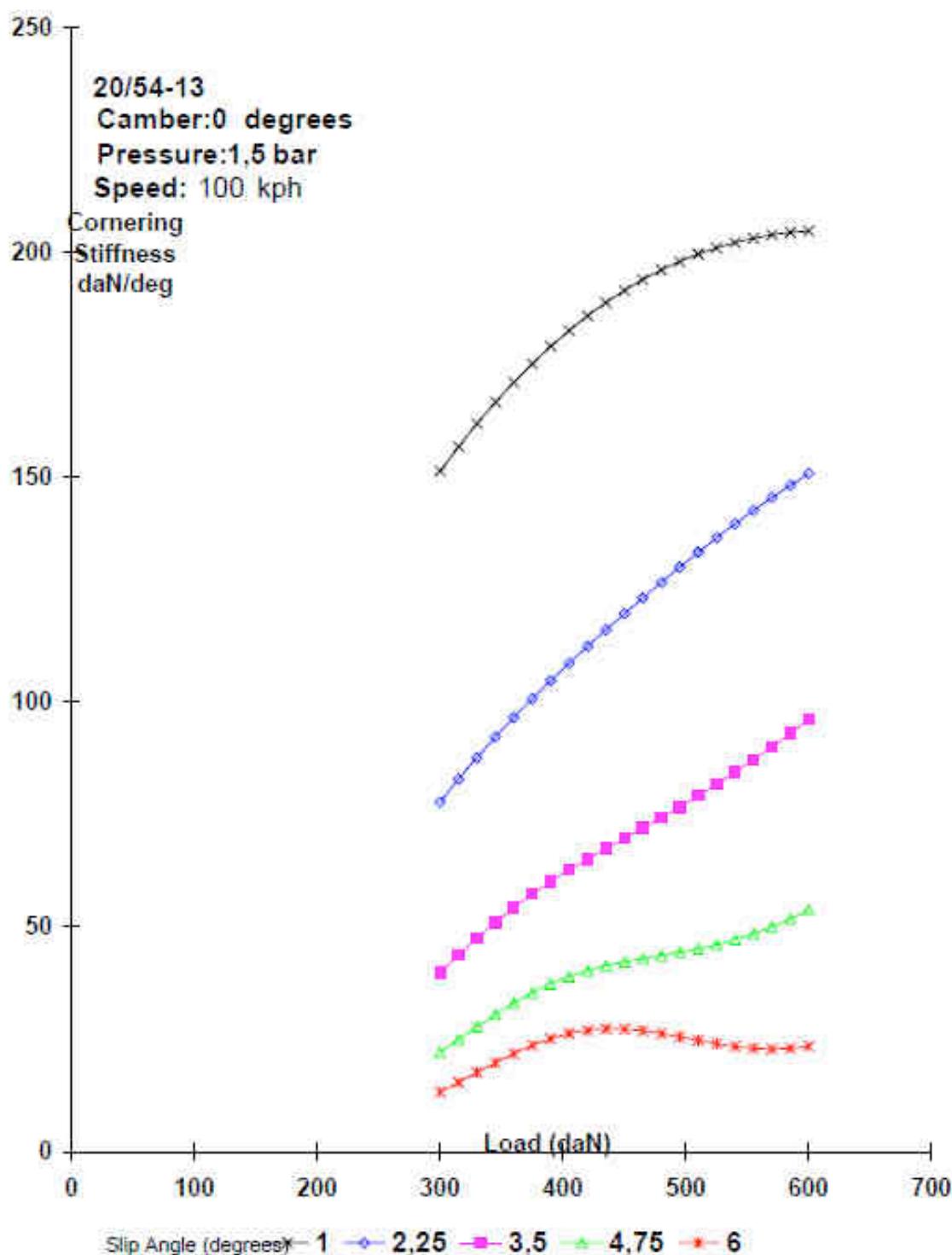


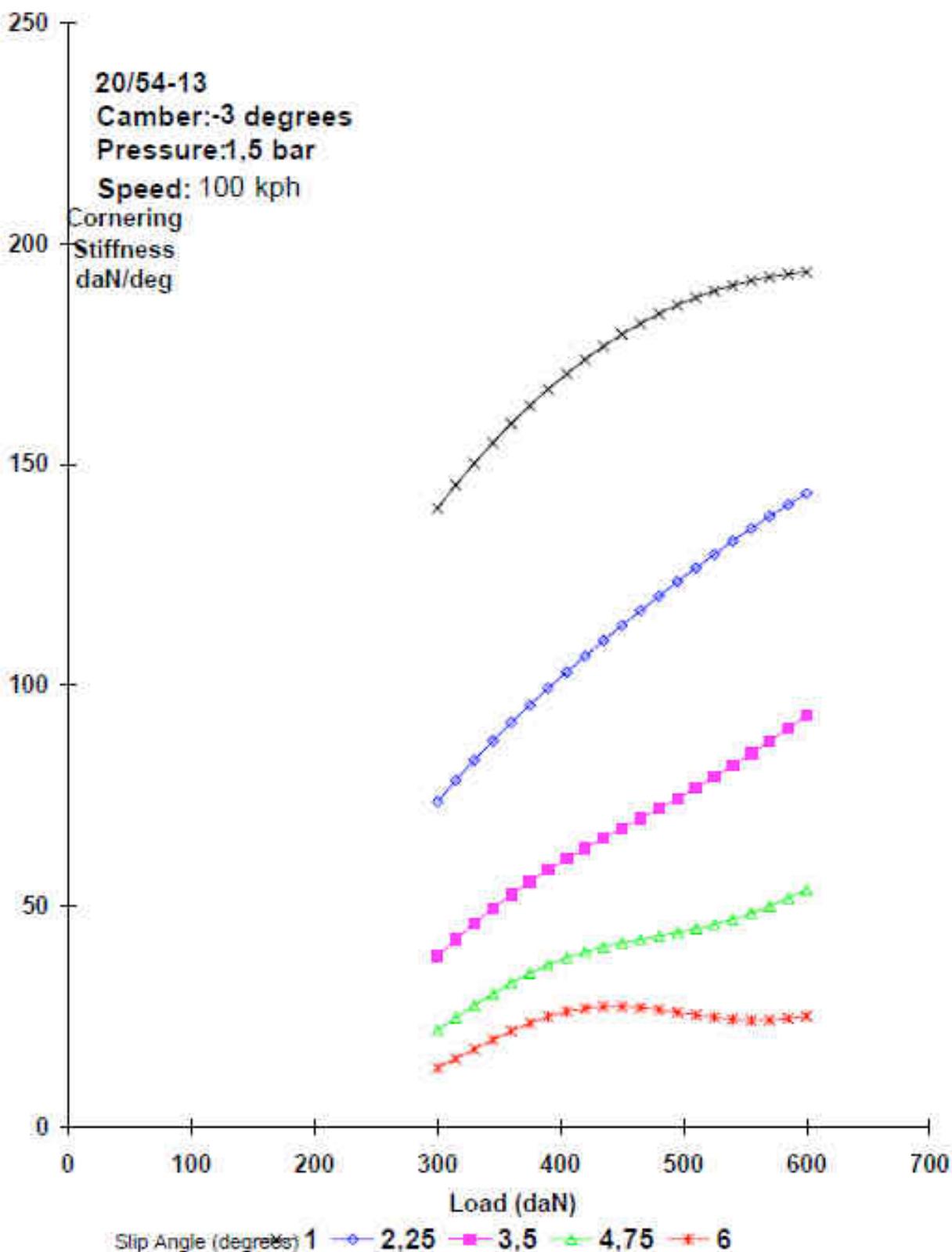




7. RIGIDITE DE DERIVE

7.1. 20/54-13 Avant





7.2. 24/57-13 Arrière

