Transport Canada
Aerodrome Standards

Aircraft Pavement Design and Evaluation Charts for "B" Aircraft

This document contains "Pavement Design & Evaluation Charts" (DEC's) for the aircraft models beginning with the letter "B". Both flexible and rigid pavement charts are available for most aircraft.

For light weight aircraft, only a flexible pavement chart has been included because rigid pavement design requirements for the aircraft fall well below minimum design thicknesses for concrete slabs. On flexible pavement charts for light weight aircraft, only the design curve at the stated maximum operating weight is shown along with a line indicating minimum pavement thickness requirements for the aircraft. In most cases, the flexible pavement design curve will fall either fully or partially below the minimum thickness requirements line.

The charts have been developed using historical Transport Canada and Public Works and Government Services Canada (PWGSC) methods for the structural design of flexible and rigid airfield pavement systems. The appropriate technical publications should be consulted for complete details on design terminology, assumptions, theory, methods and pavement construction material requirements.

To use a "Flexible Pavement Design & Evaluation Chart":

a) For Design - Enter the chart with an "S" value on the top horizontal axis. Proceed downwards to the "1.00 Design Line", then horizontally across to the appropriate aircraft weight line, and downwards to read the required pavement granular design thickness "t" from the bottom horizontal axis.

b) For Evaluation - Enter the chart with the existing pavement granular thickness "t" value on the bottom horizontal axis. Proceed upwards to the appropriate aircraft weight line, and then horizontally across to intersect with a vertical line extended down from the appropriate "S" value on the top horizontal axis. Interpolate the point of intersection between the set of "Overload Ratio" curves to determine the degree of pavement structural overload. Full operations by the aircraft can normally be permitted for overload ratios <= 1.25.

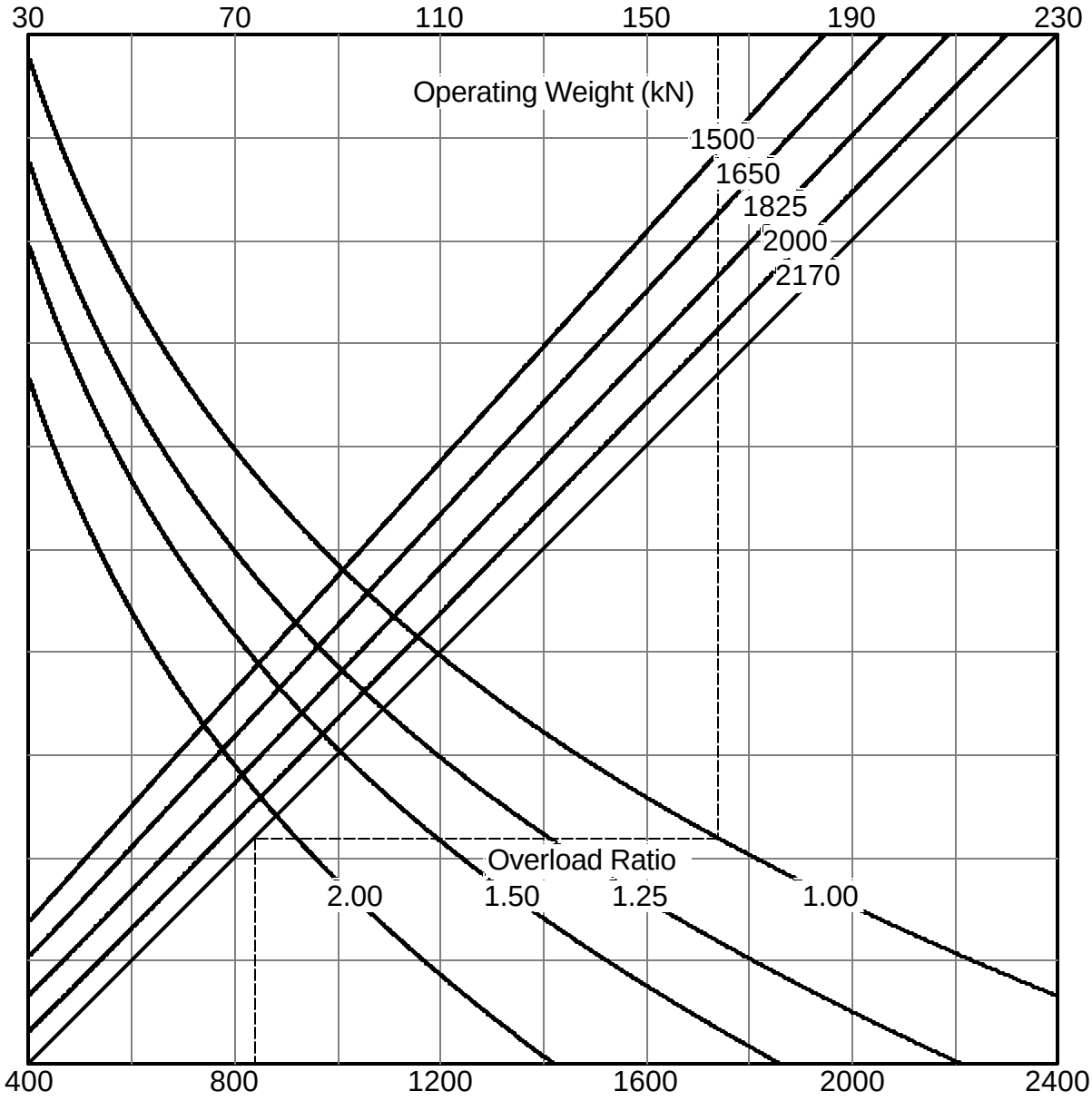
To use a "Rigid Pavement Design & Evaluation Chart":

a) For Design - Enter the chart with a "k" value on the top horizontal axis. Proceed downwards to the "1.00 Design Line (2.75 MPa), then horizontally across to the appropriate aircraft weight line, and downwards to read the required slab thickness "h" from the bottom horizontal axis.

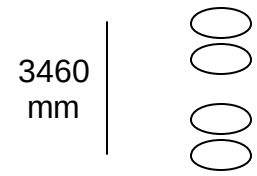
b) For Evaluation - Enter the chart with the existing slab “h” value on the bottom horizontal axis. Proceed upwards to the appropriate aircraft weight line, and then horizontally across to intersect with a vertical line extended down from the appropriate bearing modulus “k” value on the top horizontal axis. Interpolate the point of intersection between the set of “Overload Ratio” curves to determine the slab flexural stress (MPa) and the degree of pavement structural overload. Full operations by the aircraft can normally be permitted for overload ratios <= 1.25.

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B-52 (Bomber)
% Load on Main Gear % Poids sur Atterrisseur Principal	53.4	3460 mm
Tire Pressure (MPa) Pression des Pneus	1.65	

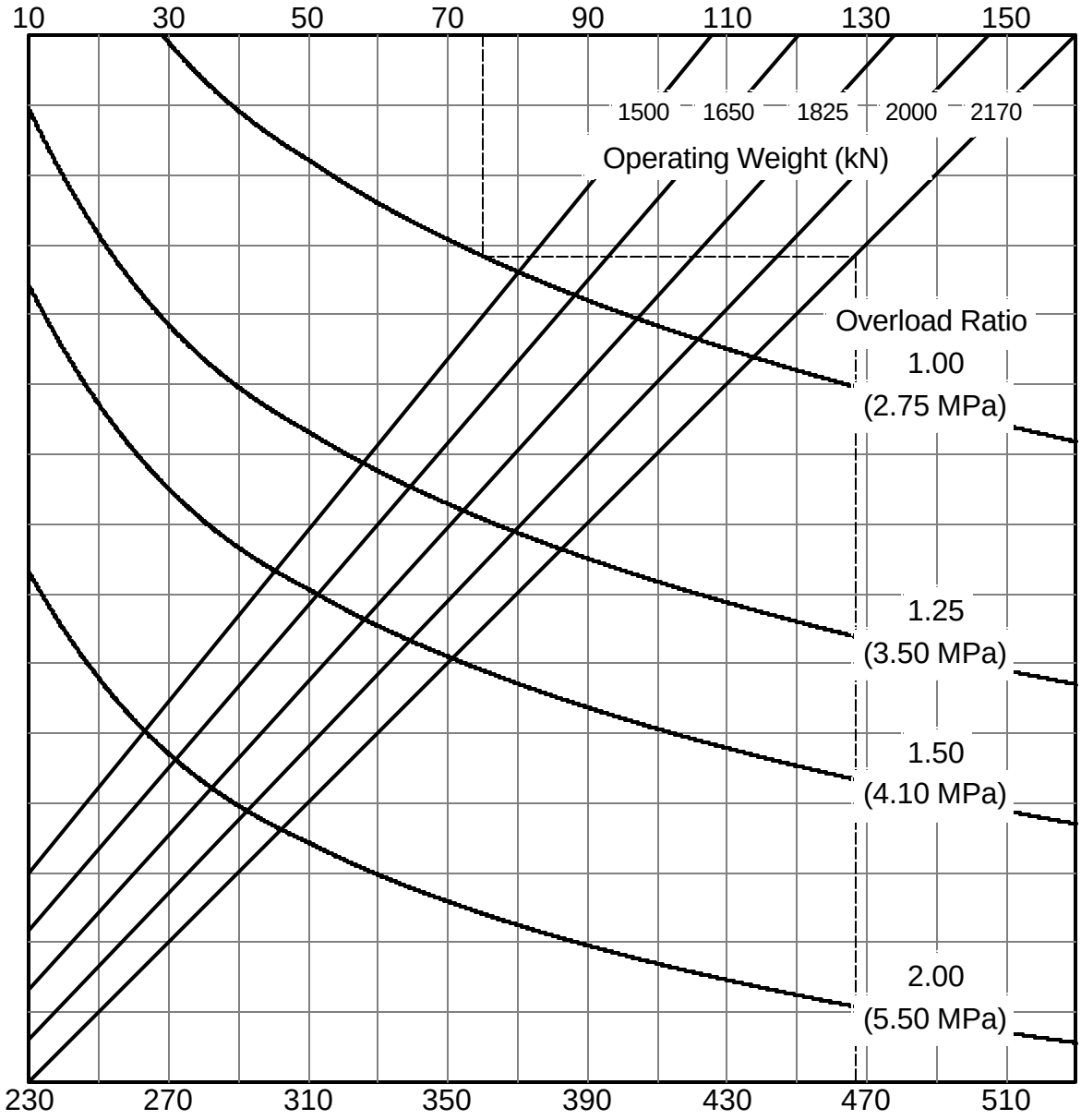
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



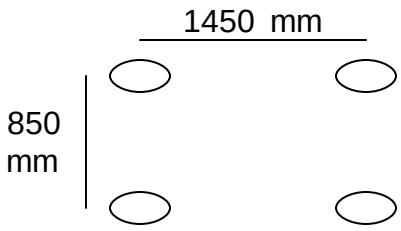
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B-52 (Bomber)
% Load on Main Gear % Poids sur Atterrisseur Principal	53.4	
Tire Pressure (MPa) Pression des Pneus	1.65	

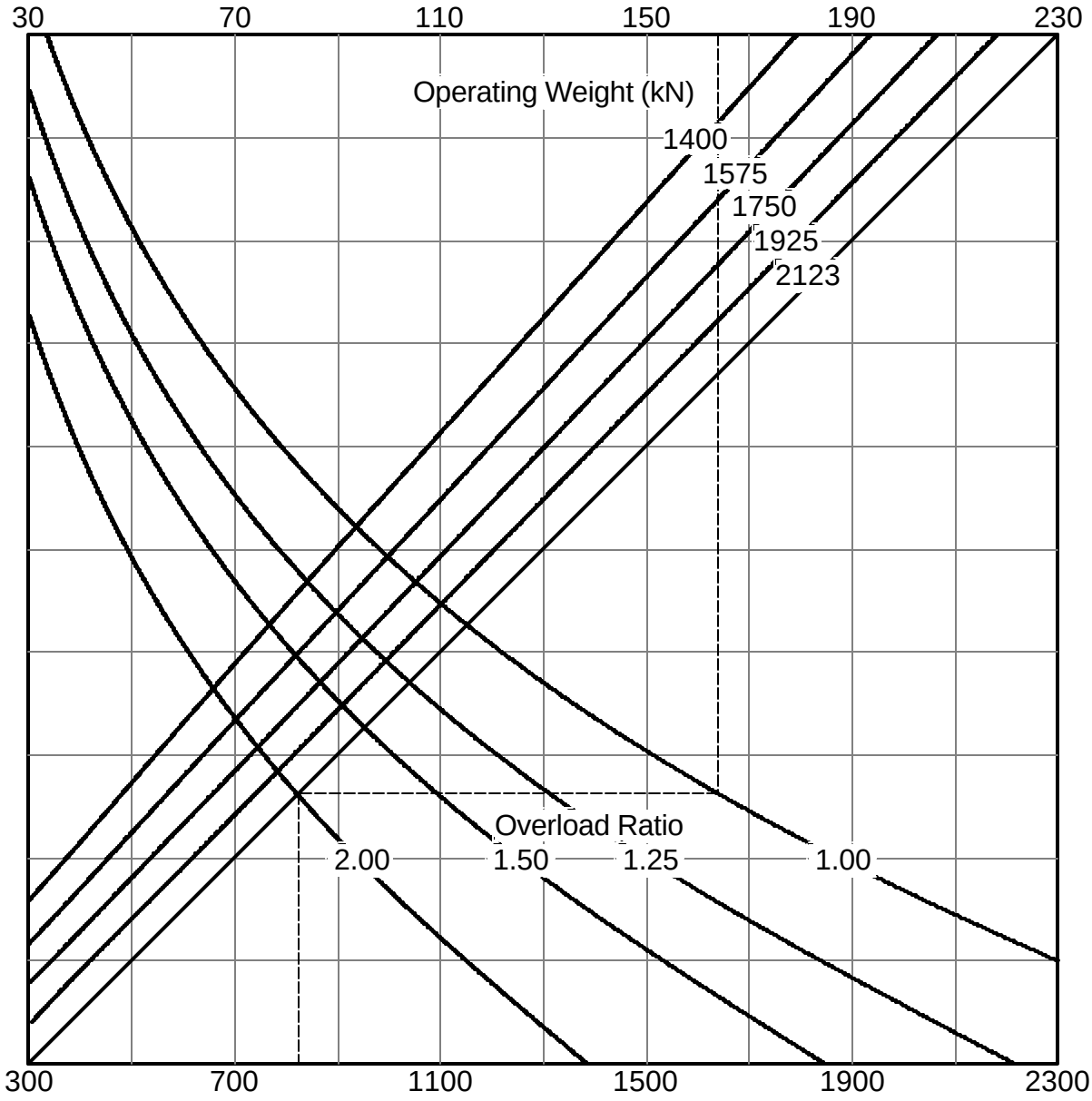
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



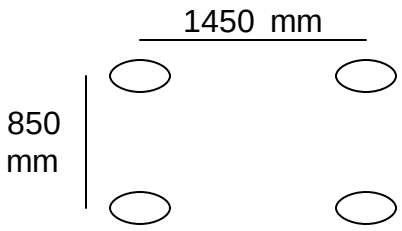
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B1-B Bomber (Rockwell)
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.65	

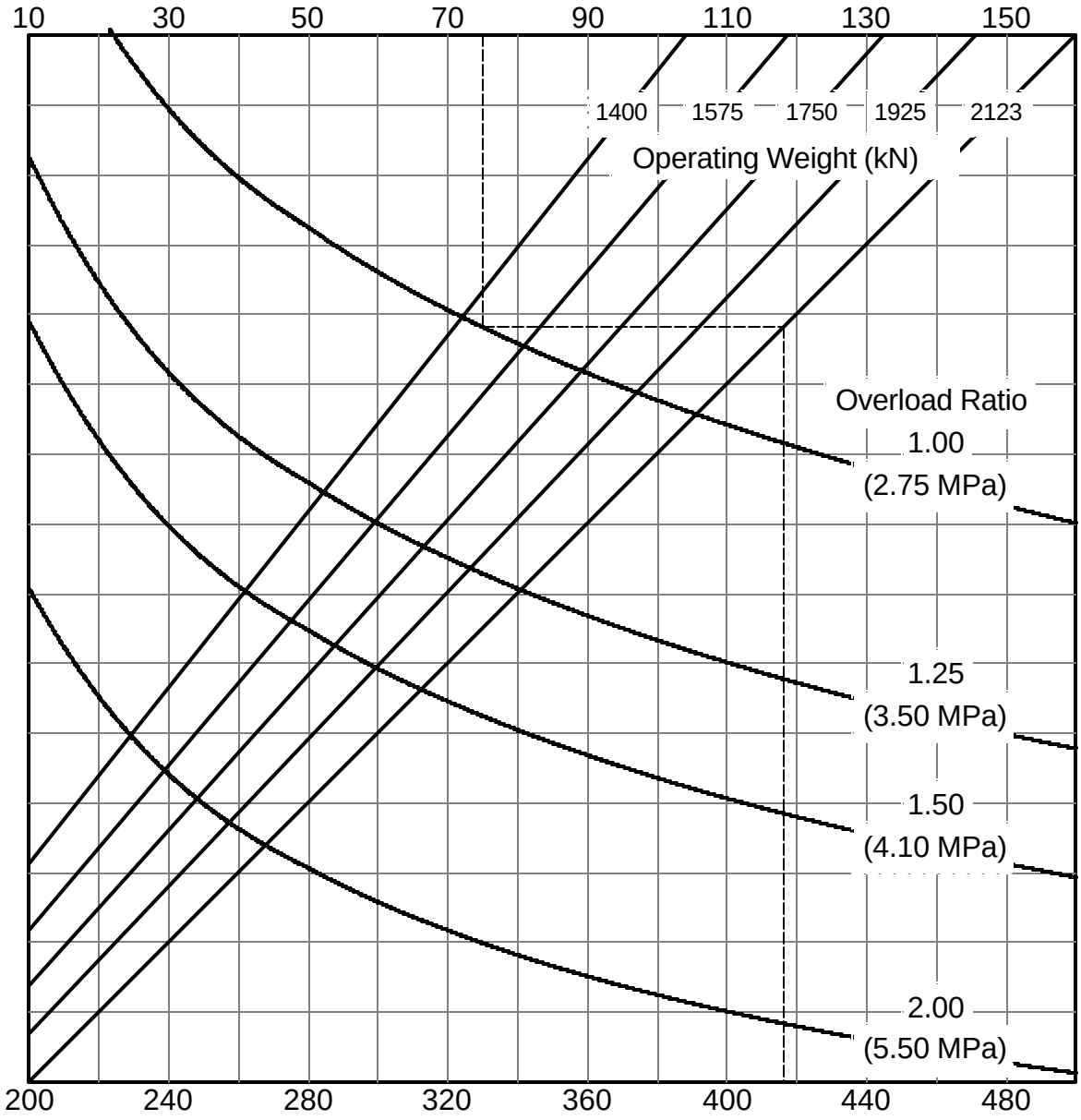
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B1-B Bomber (Rockwell)
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.65	

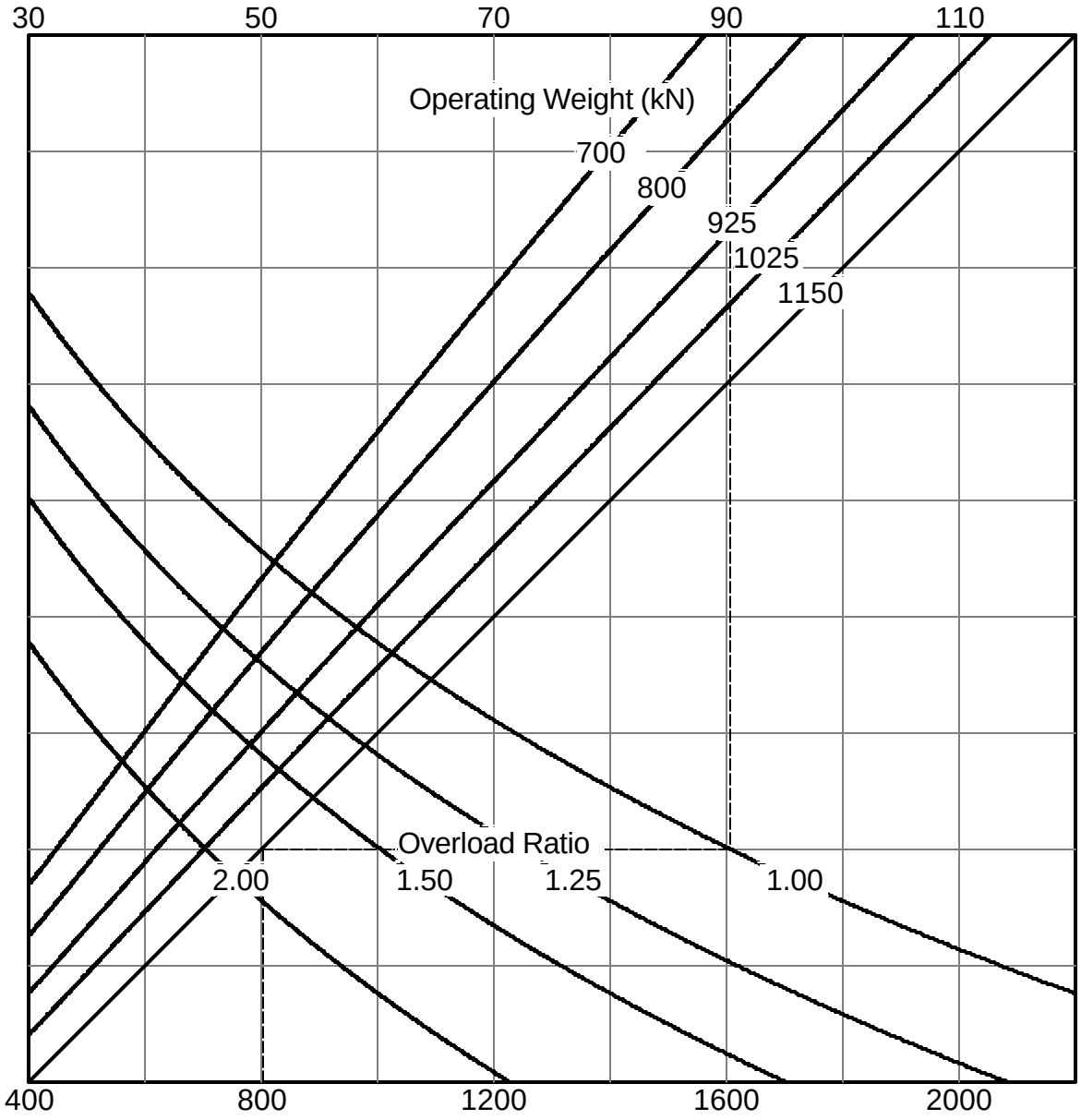
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



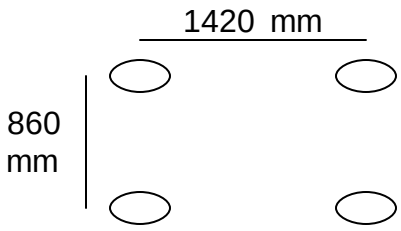
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B707-120, 120B
% Load on Main Gear % Poids sur Atterrisseur Principal	47.0	1420 mm 860 mm
Tire Pressure (MPa) Pression des Pneus	1.17	

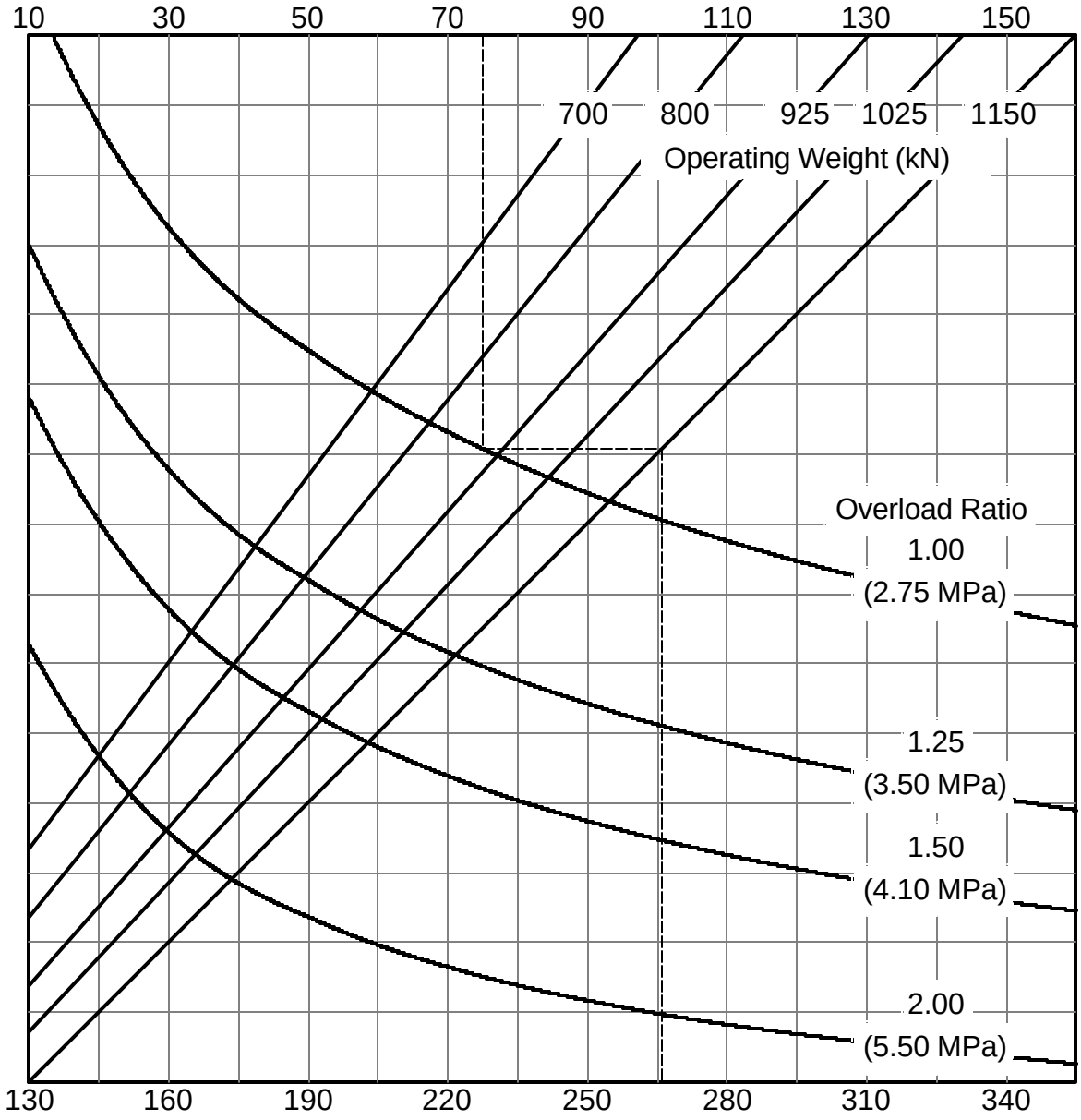
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



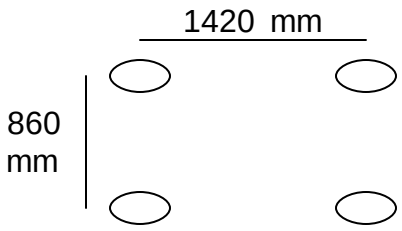
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B707-120, 120B
% Load on Main Gear % Poids sur Atterrisseur Principal	47.0	
Tire Pressure (MPa) Pression des Pneus	1.17	

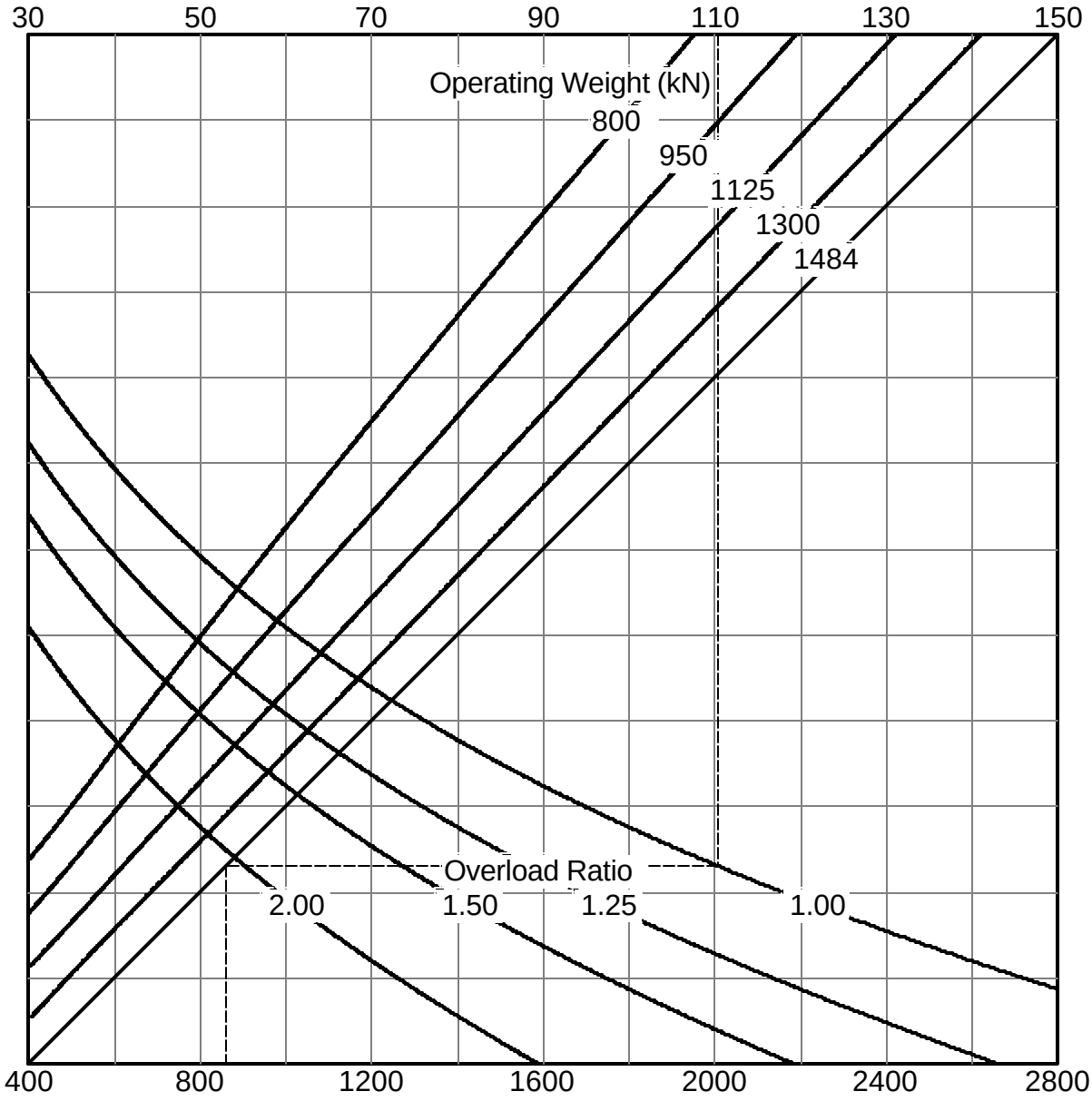
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



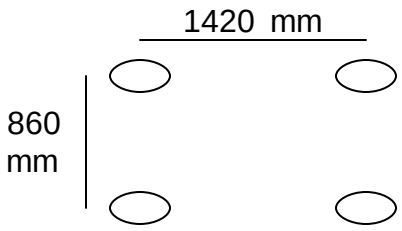
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B707-320, 320B, 320C, 420
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.24	

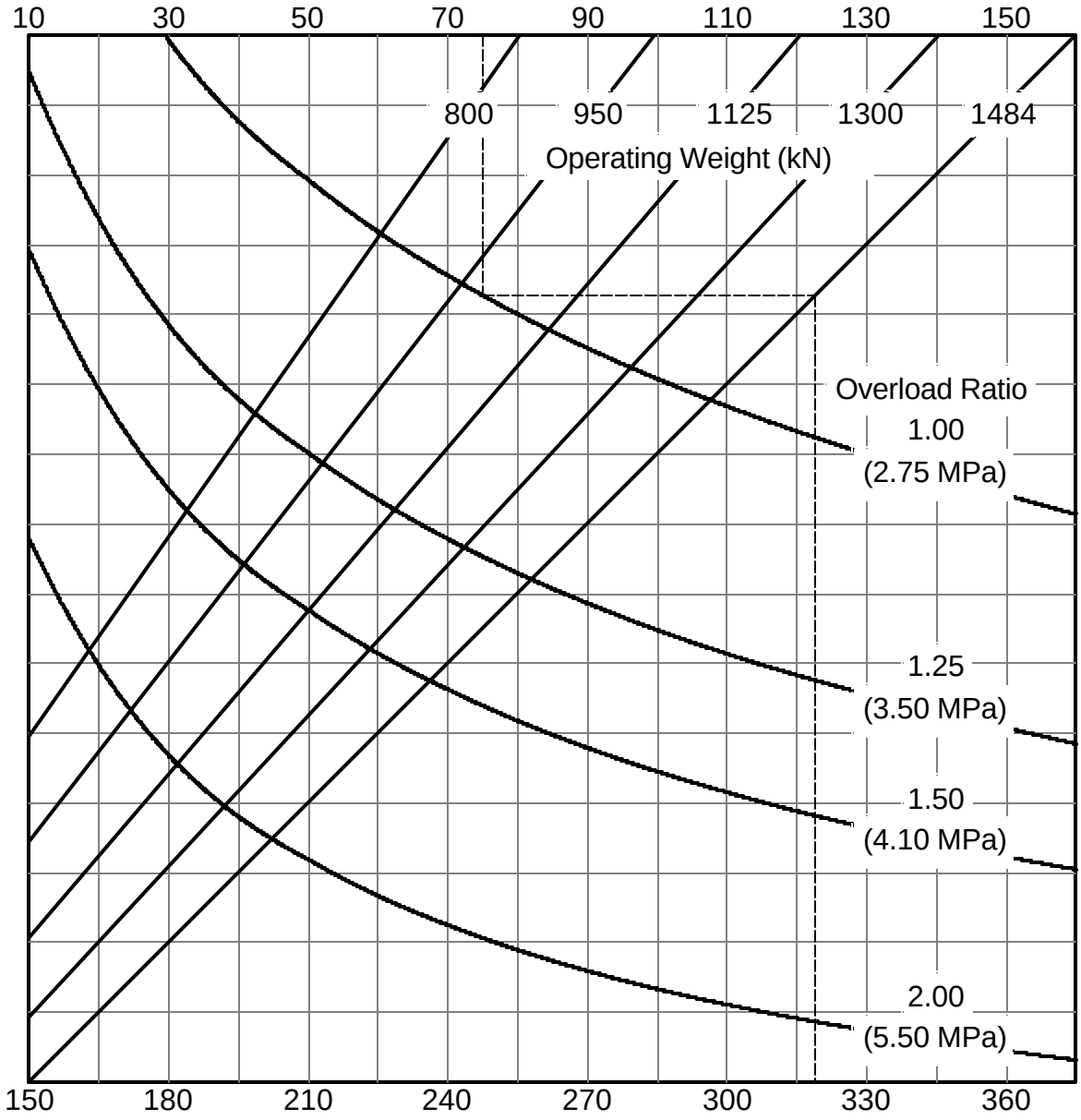
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B707-320, 320B, 320C, 420
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.24	

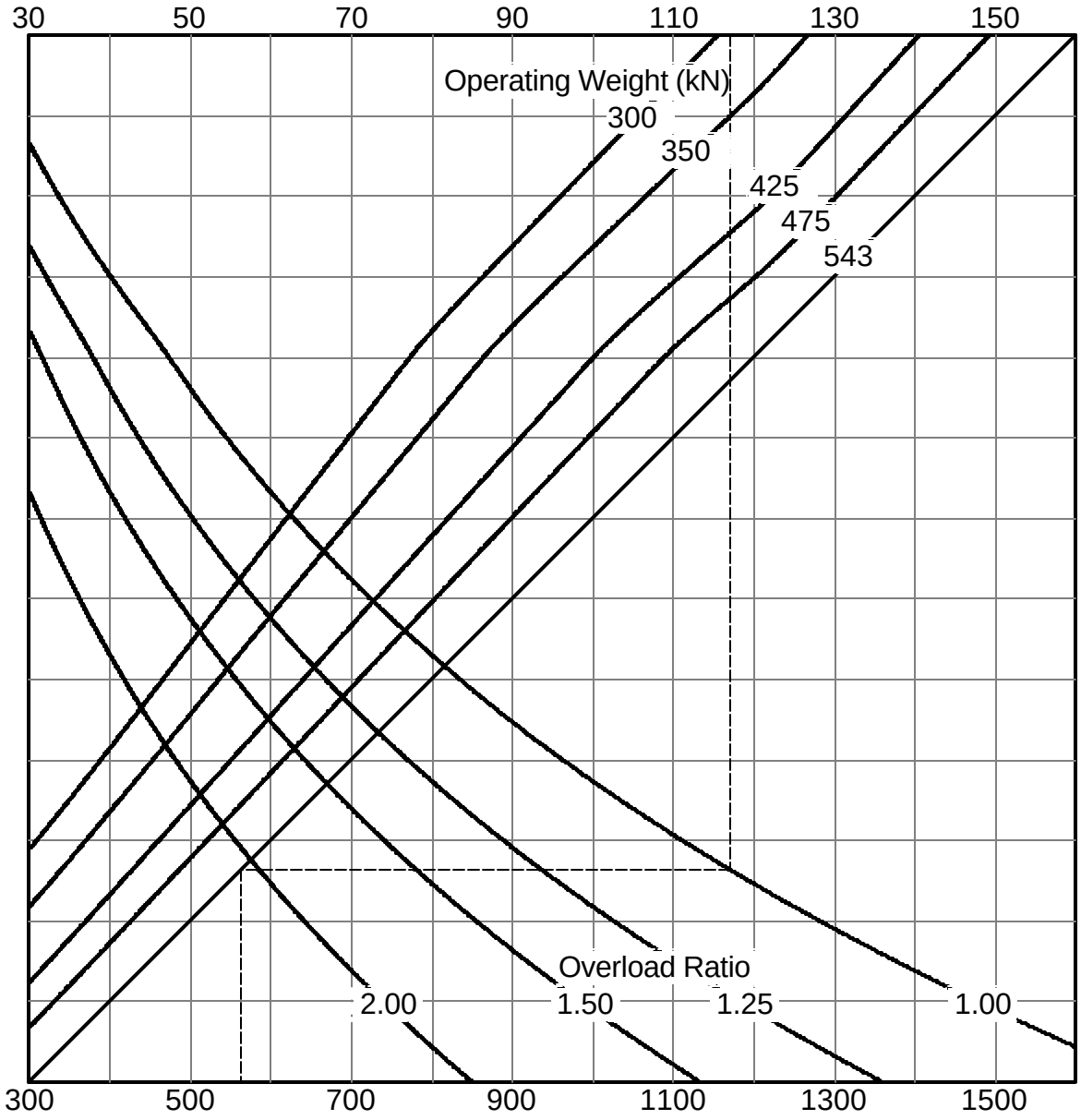
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

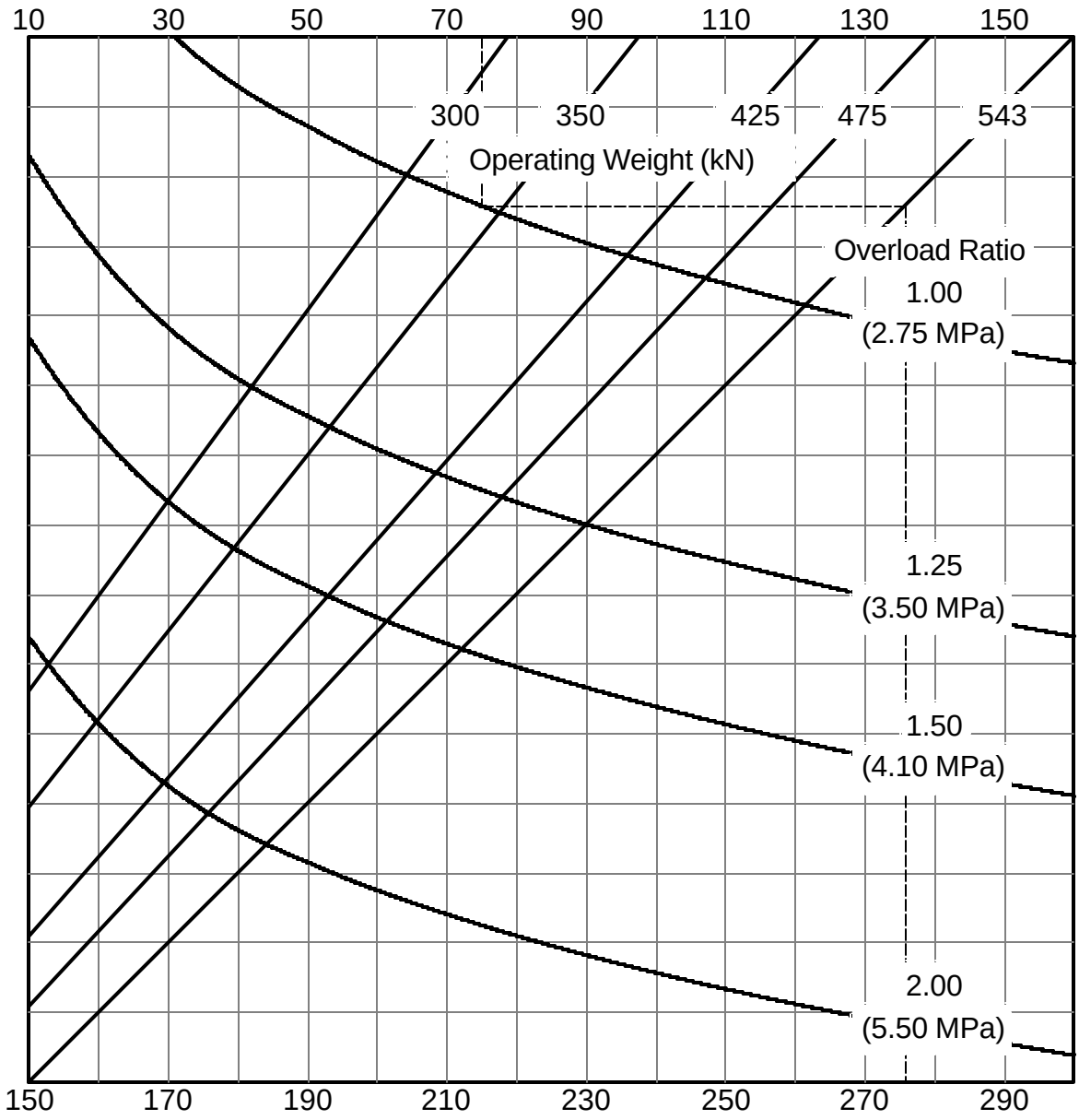
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B717-100, 200, 300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	614 mm
Tire Pressure (MPa) Pression des Pneus	1.10	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



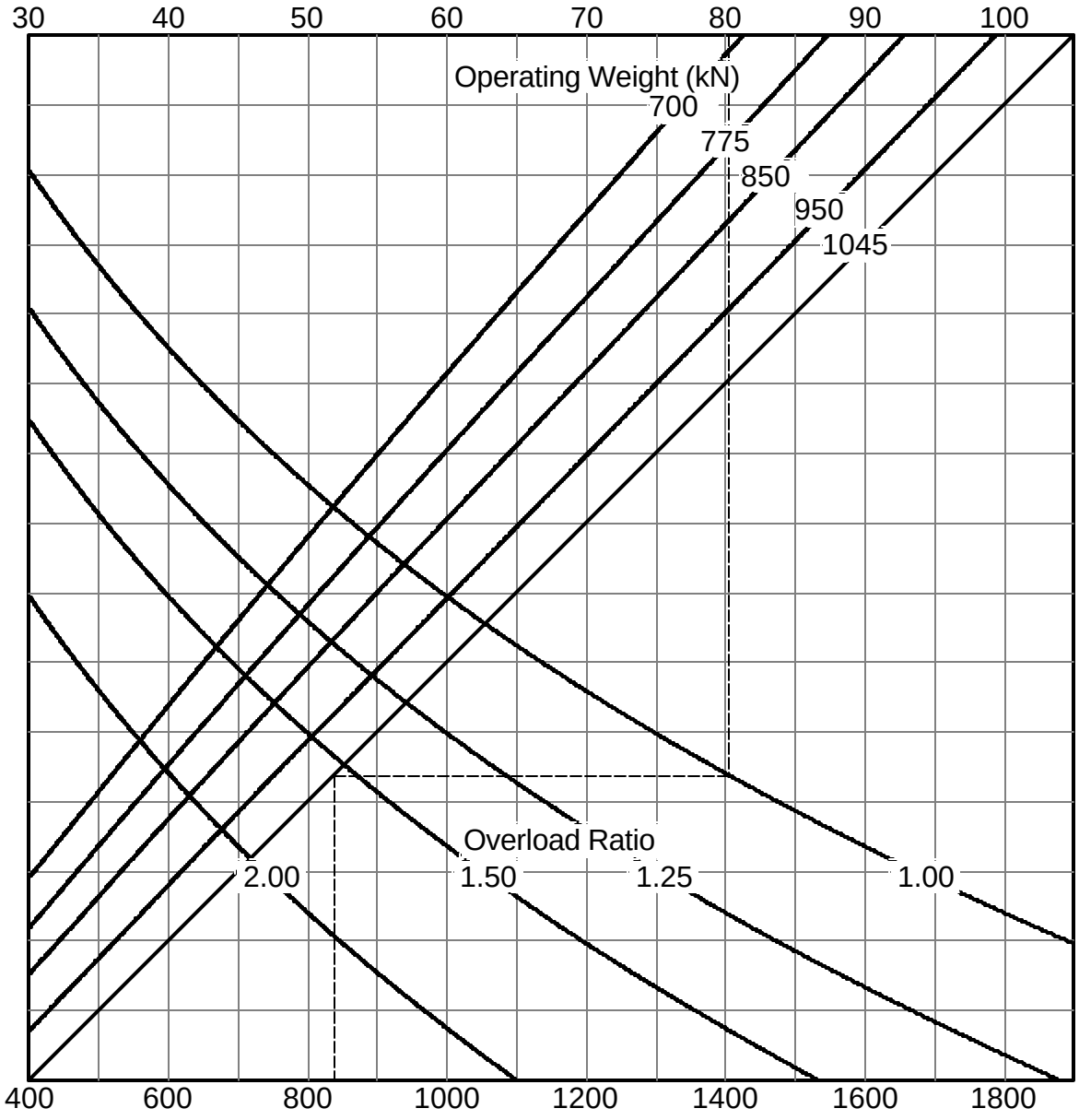
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B717-100, 200, 300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	614 mm
Tire Pressure (MPa) Pression des Pneus	1.10	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B720, 720B
% Load on Main Gear % Poids sur Atterrisseur Principal	47.8	1420 mm 860 mm
Tire Pressure (MPa) Pression des Pneus	1.01	

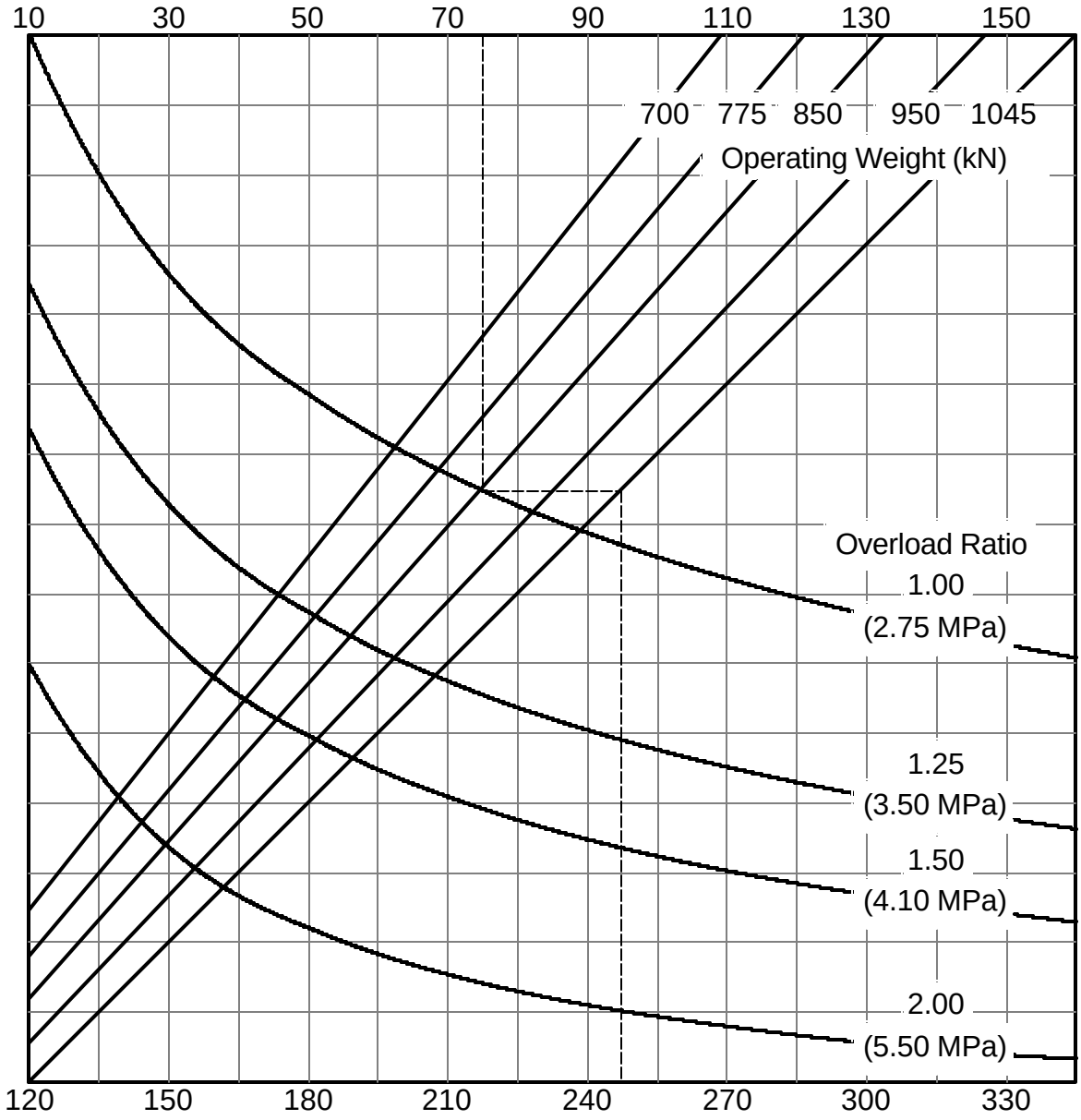
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B720, 720B
% Load on Main Gear % Poids sur Atterrisseur Principal	47.8	1420 mm 860 mm
Tire Pressure (MPa) Pression des Pneus	1.01	

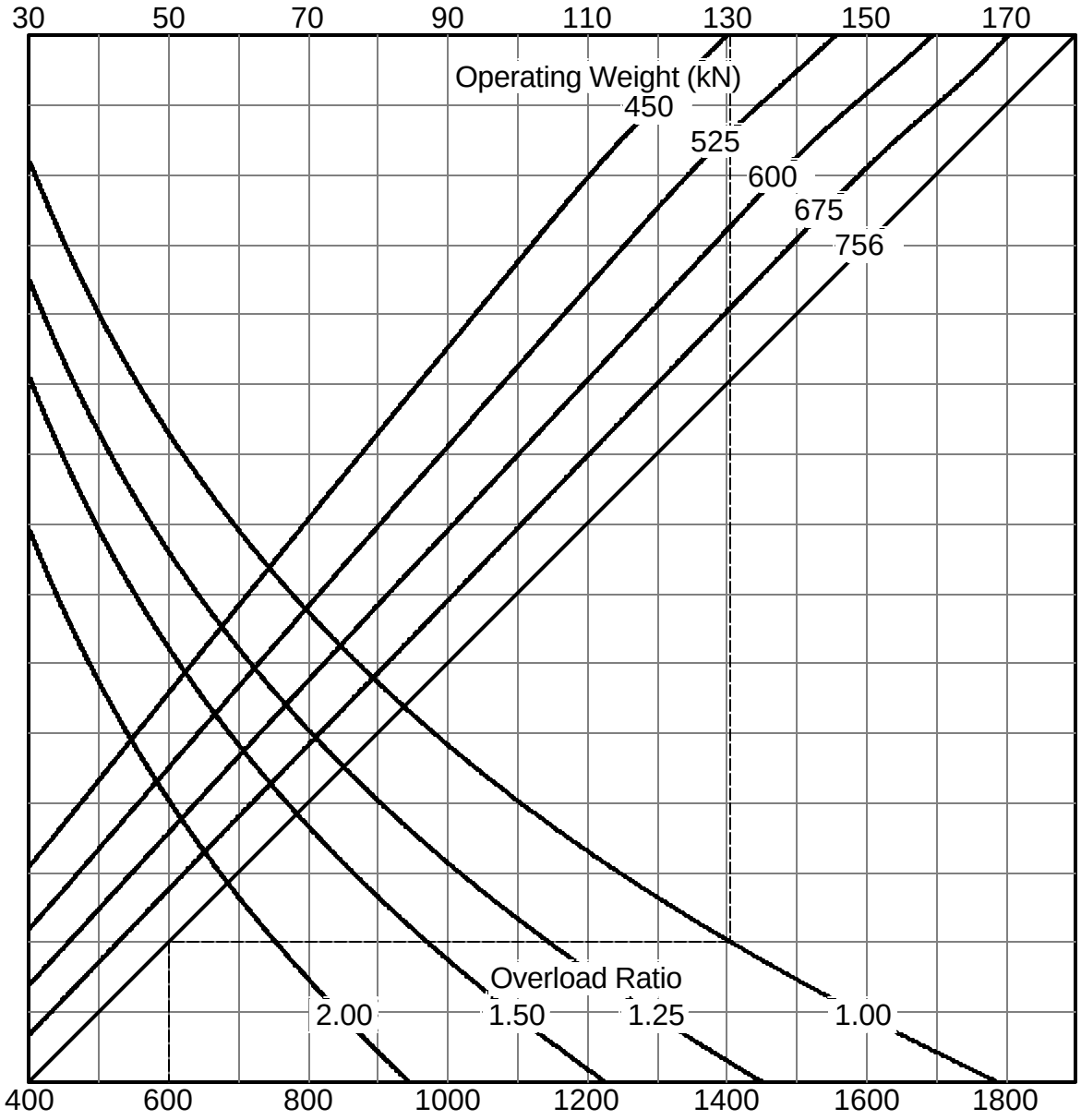
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

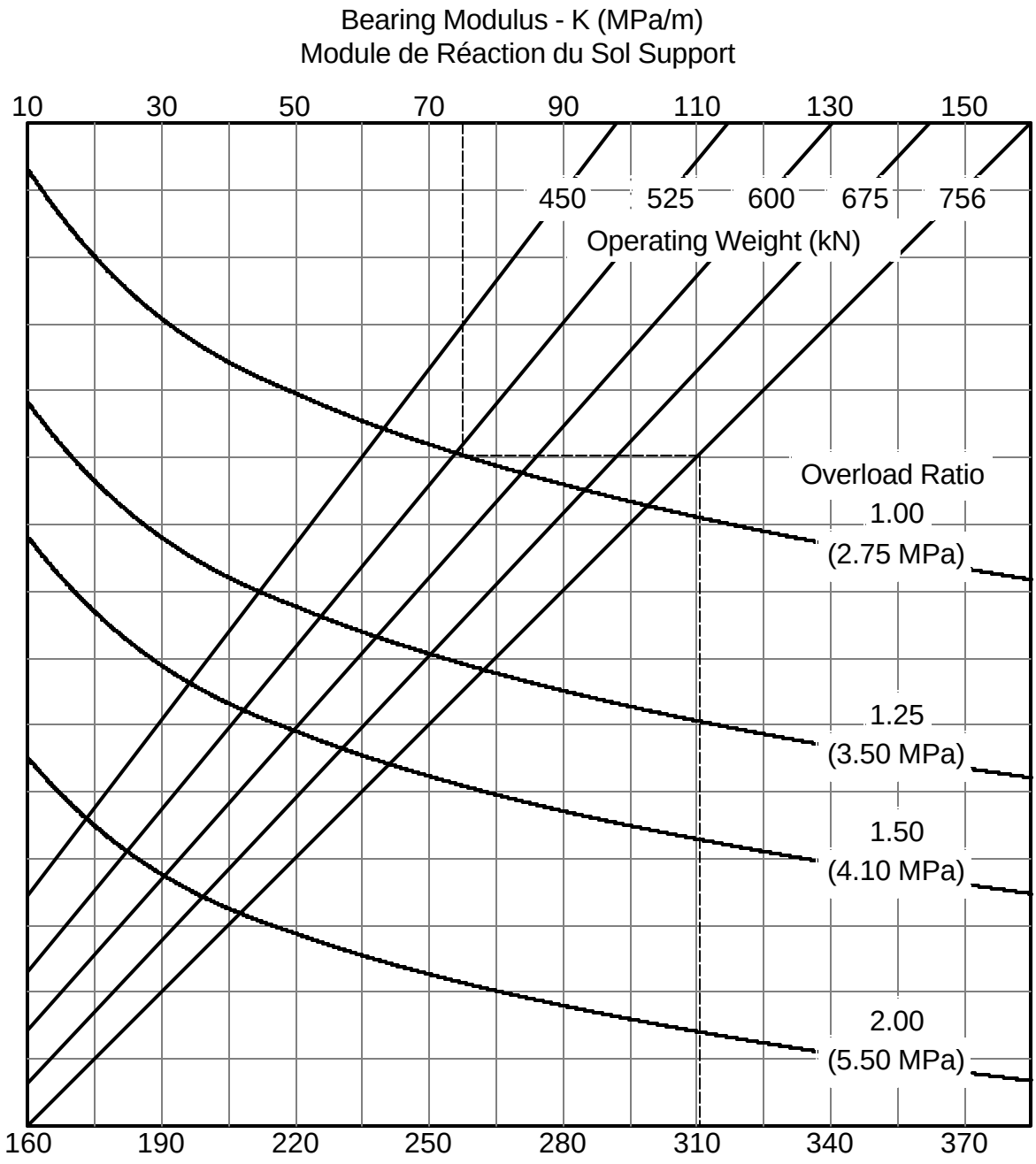
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B727-100, 100C
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.14	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



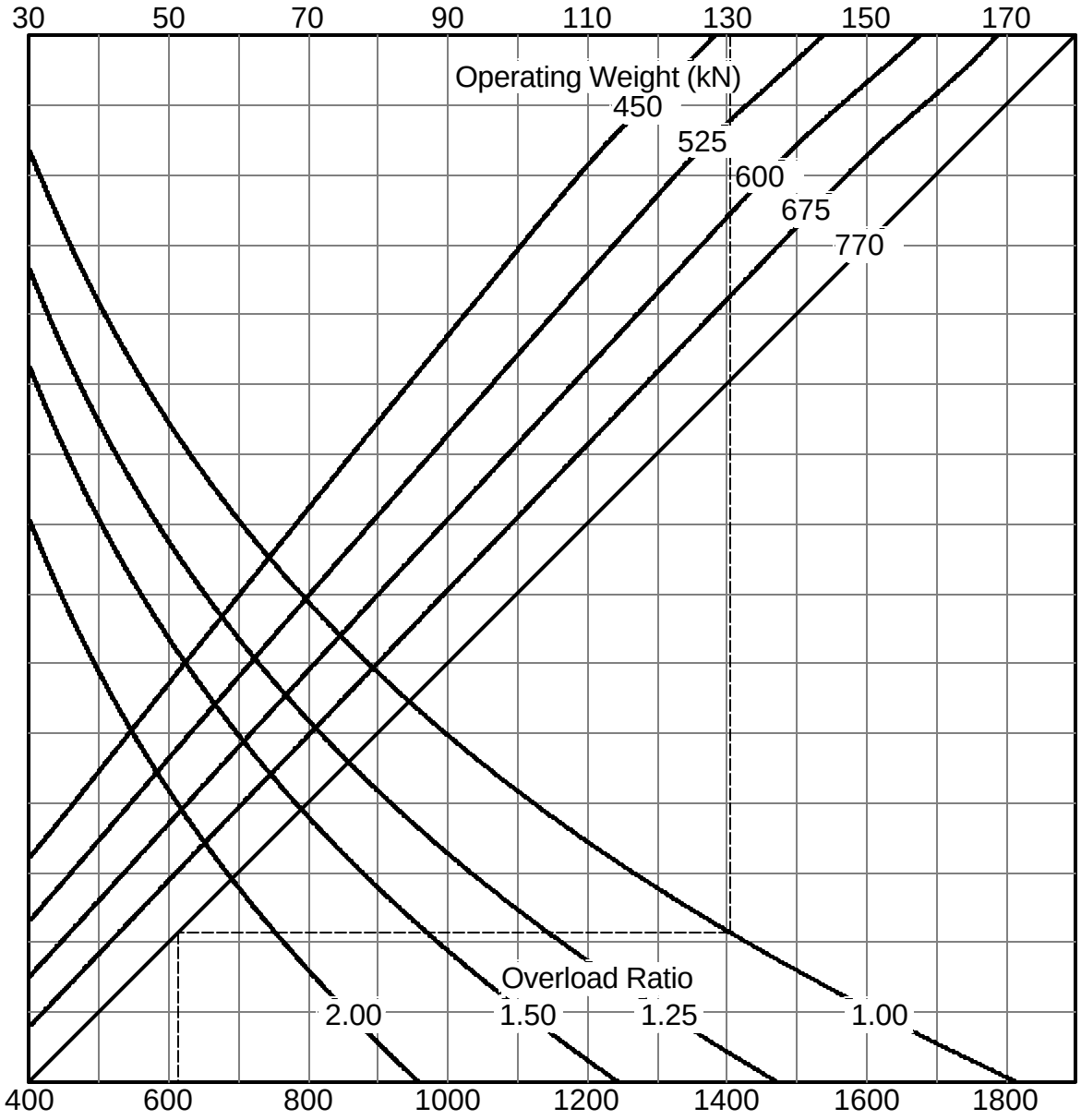
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B727-100, 100C
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.14	



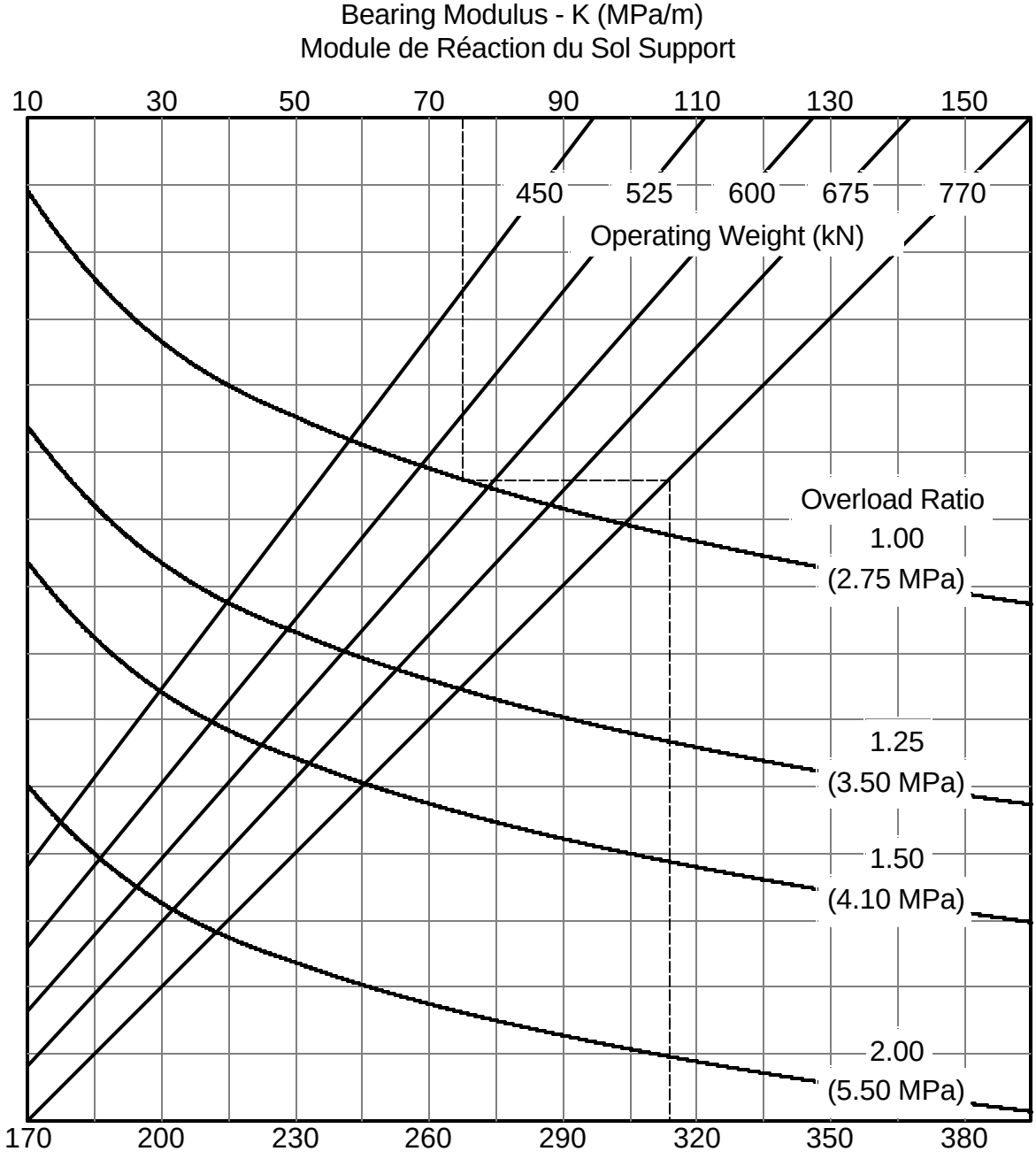
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B727-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.15	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



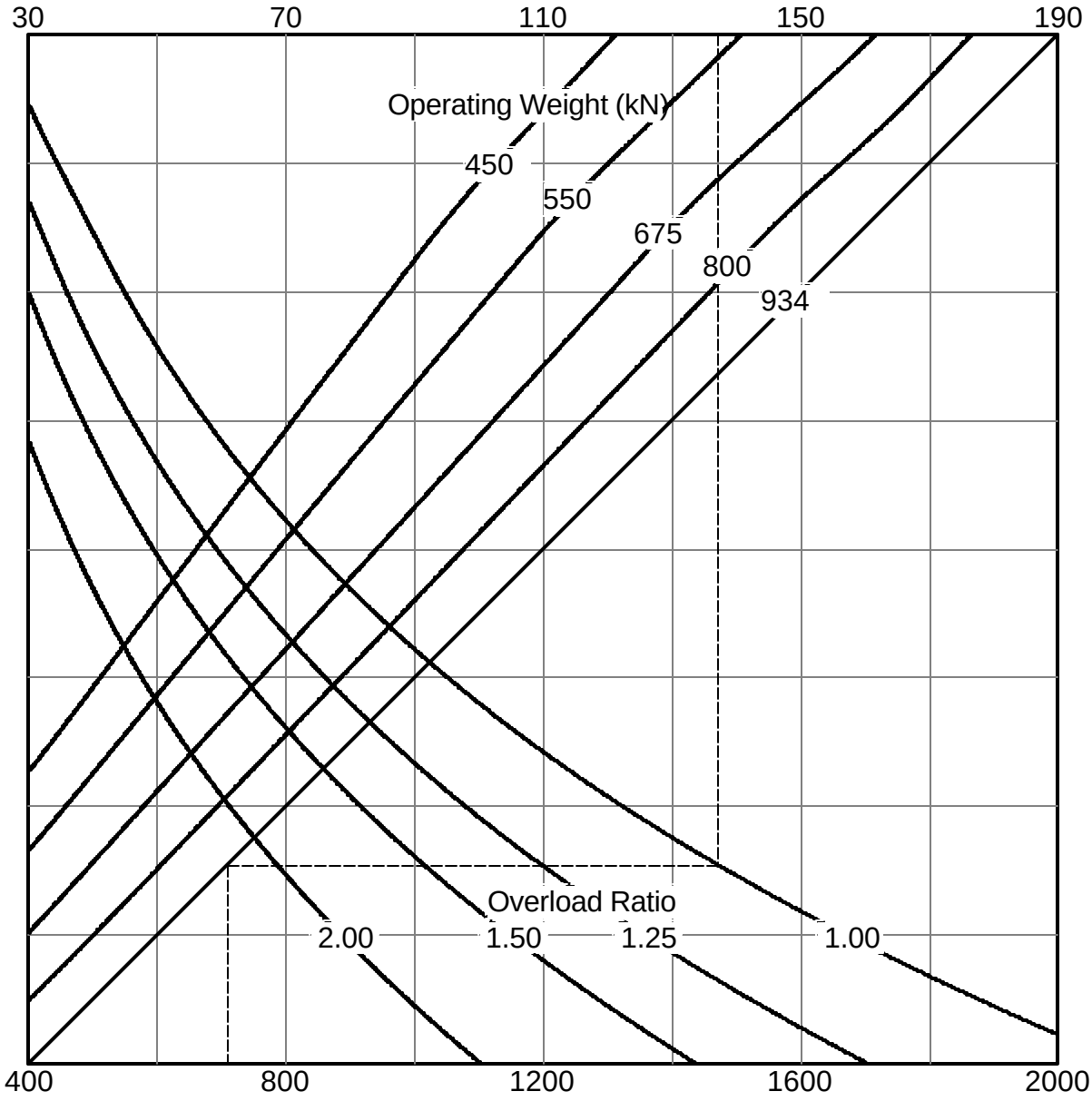
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B727-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.15	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B727-200 Advanced
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.19	

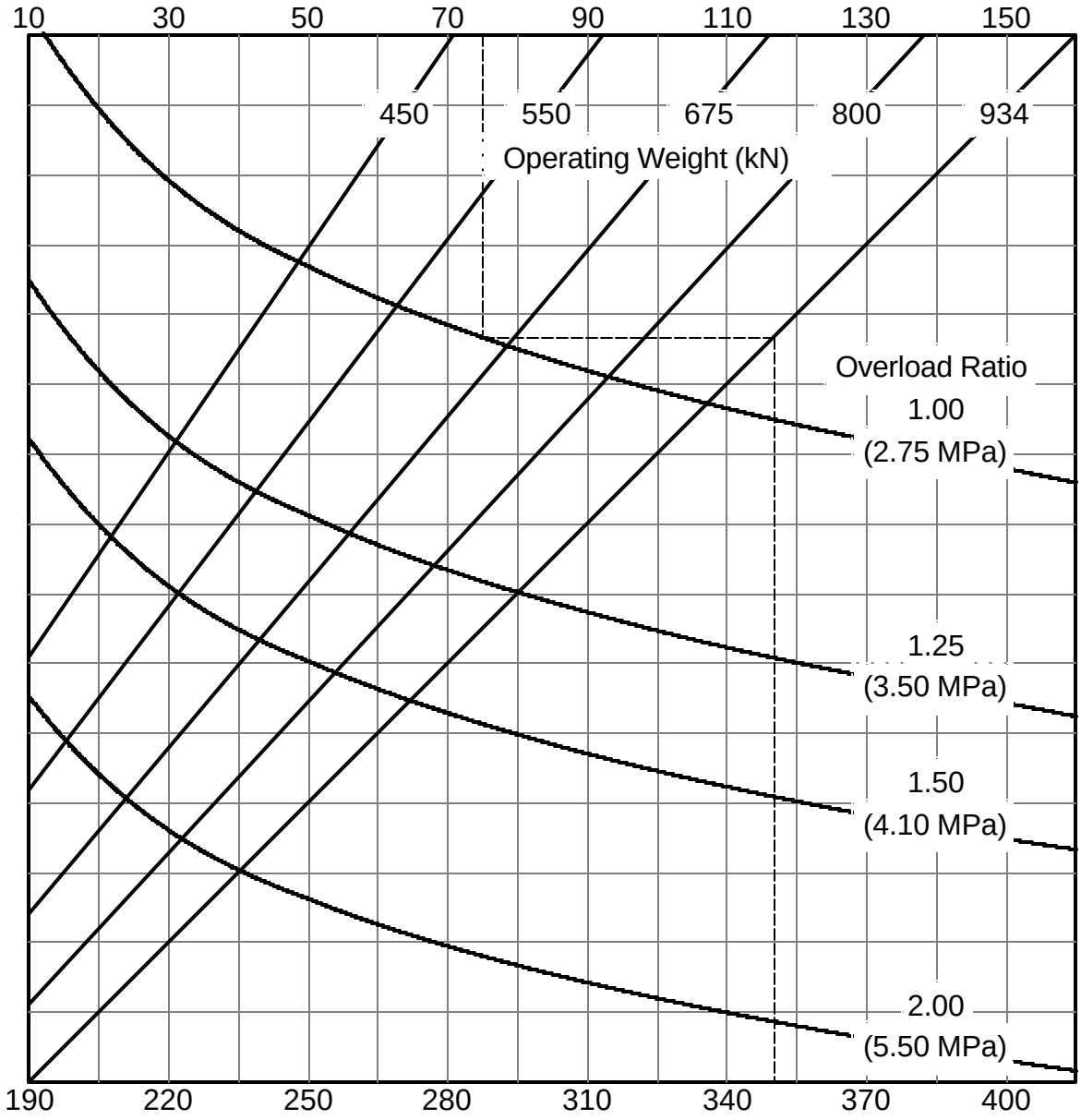
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B727-200 Advanced
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.19	

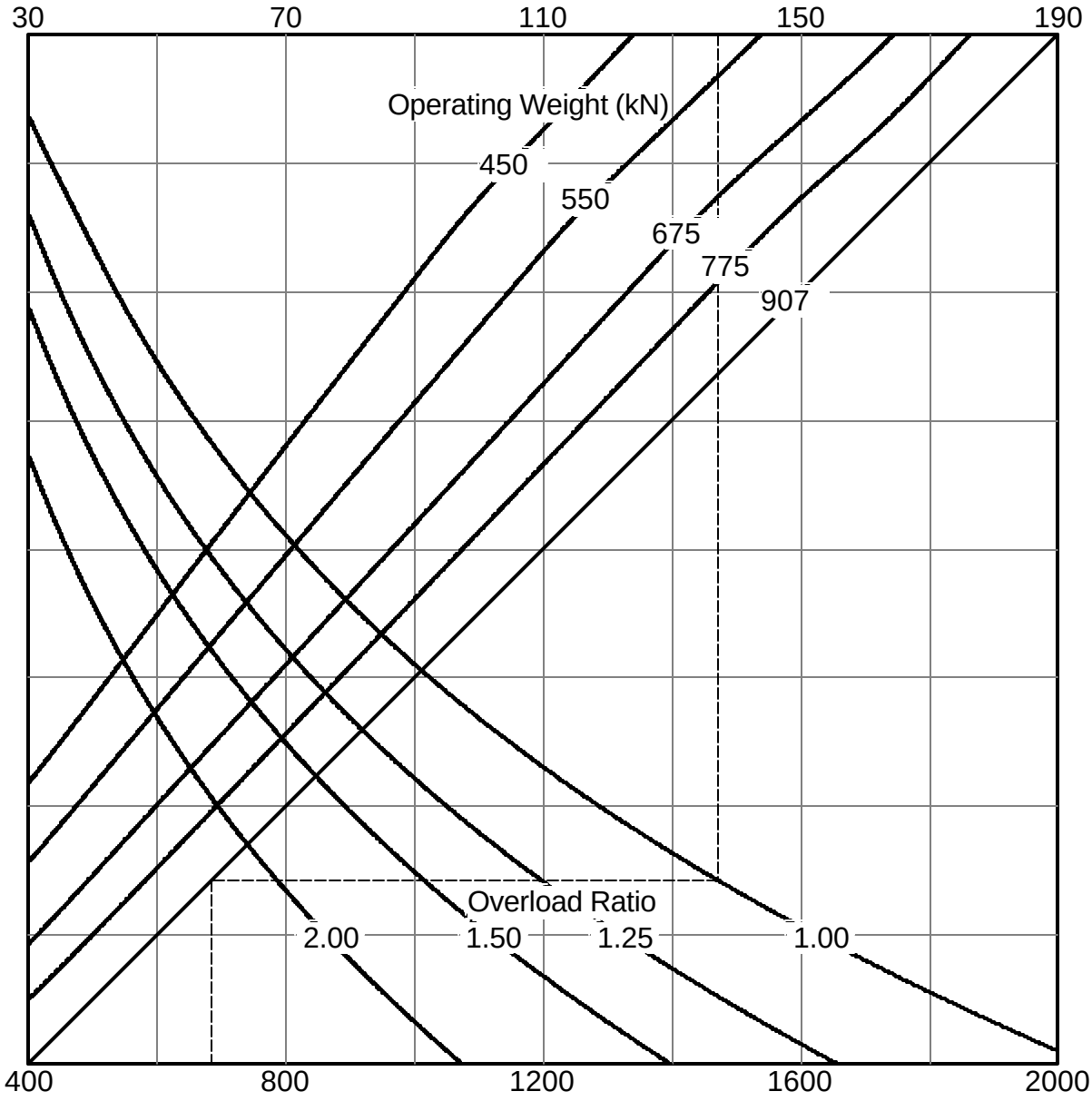
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

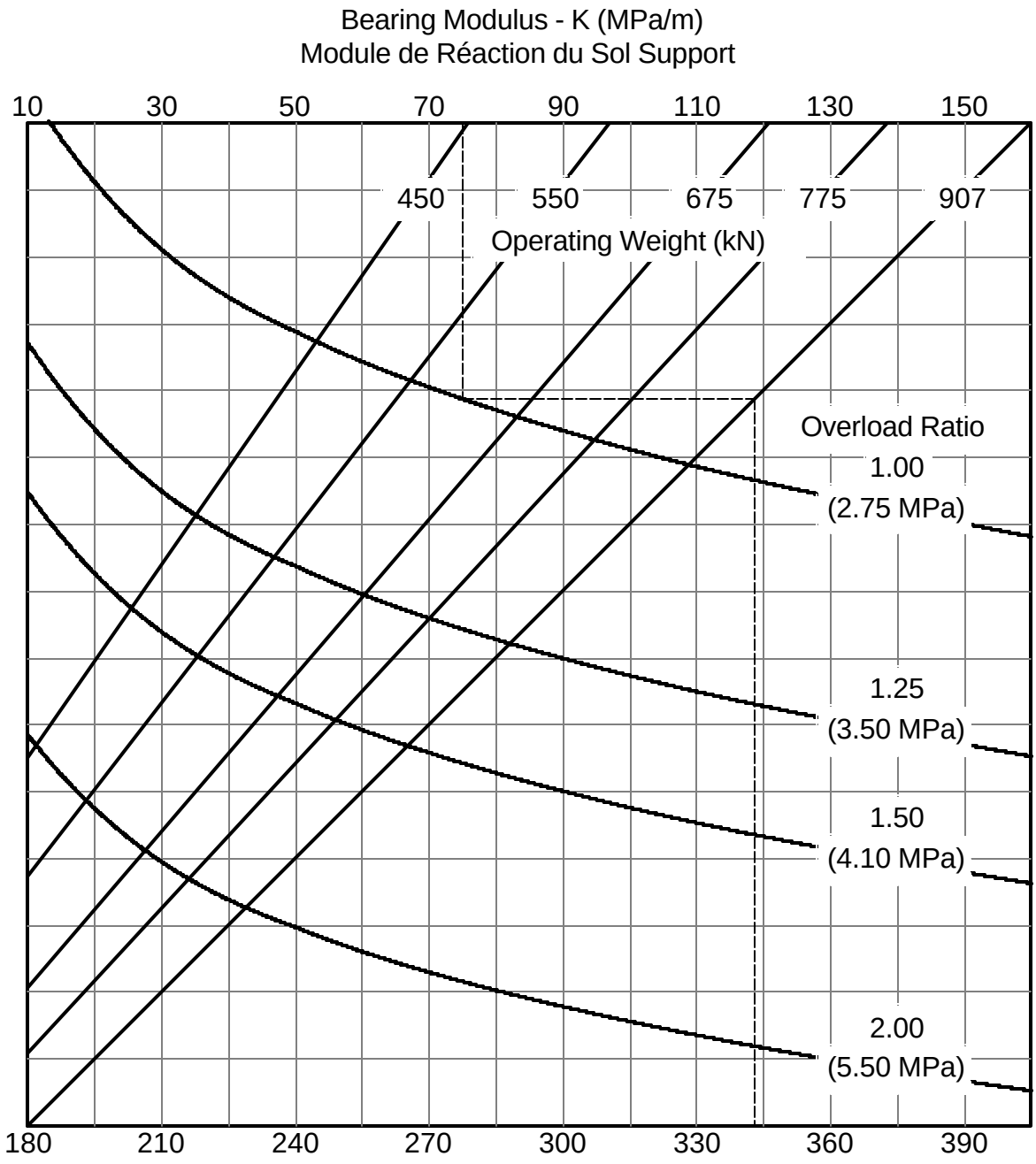
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B727-200F Advanced
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.15	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



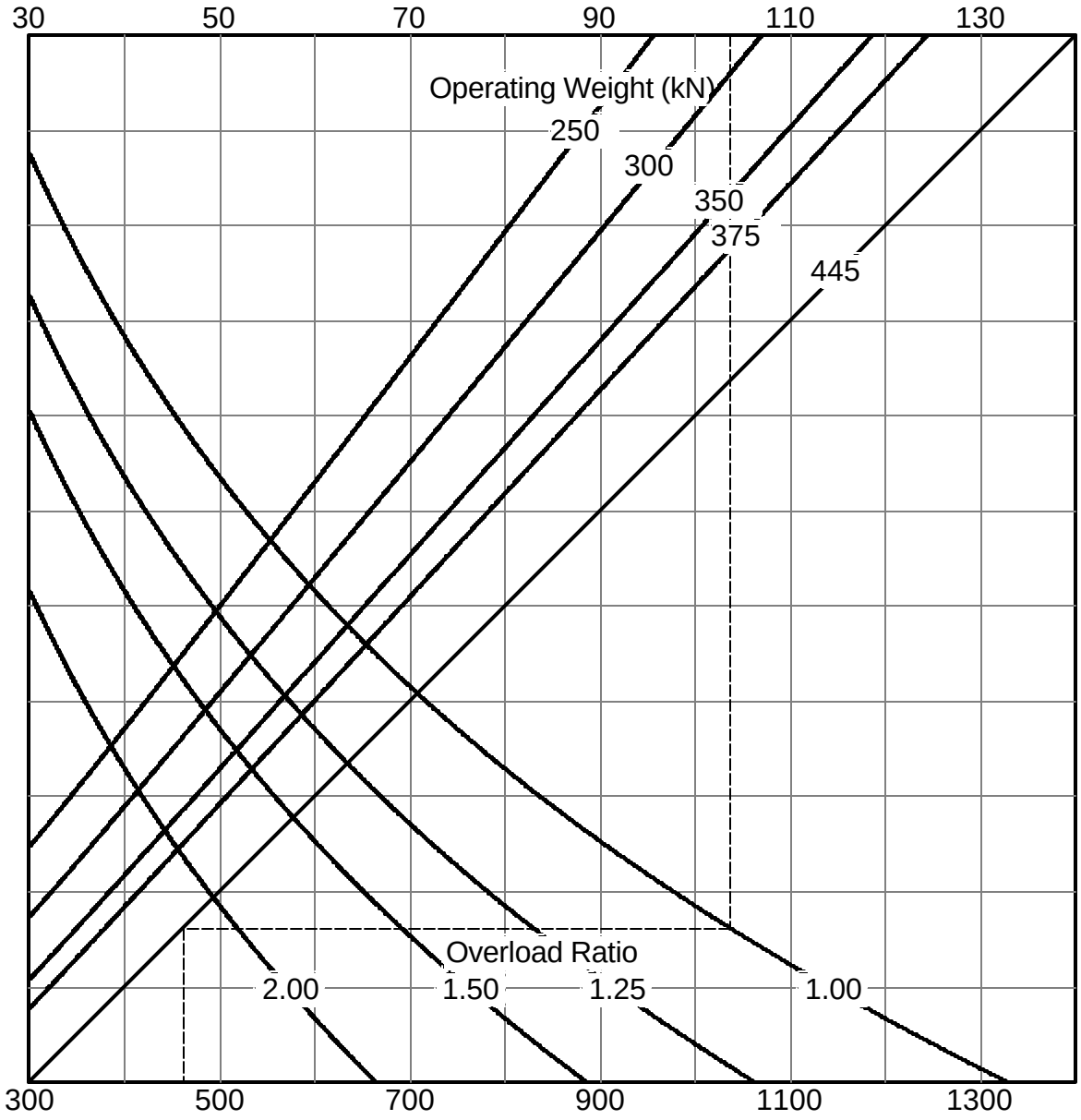
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B727-200F Advanced
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.15	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-100
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.02	

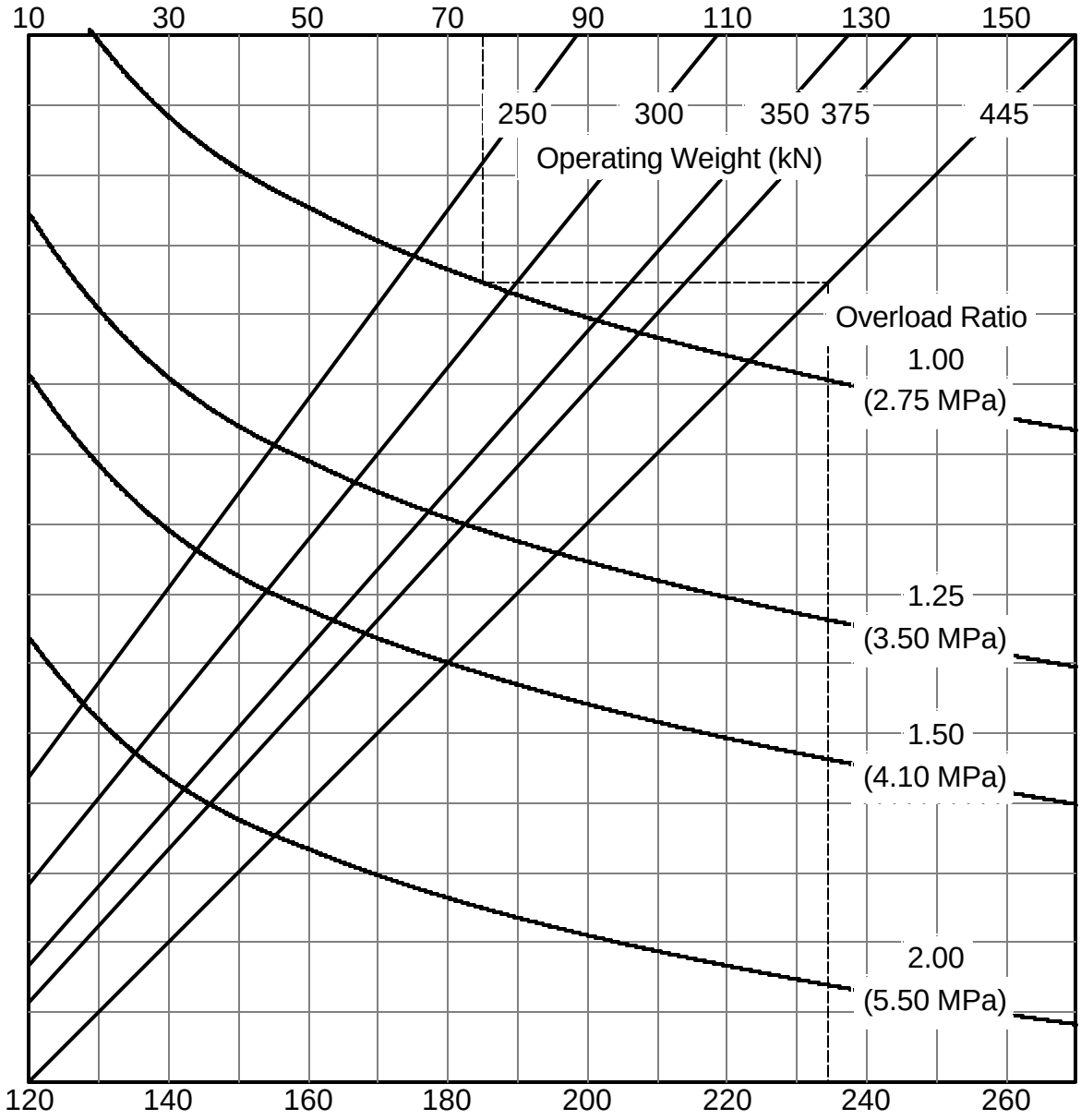
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

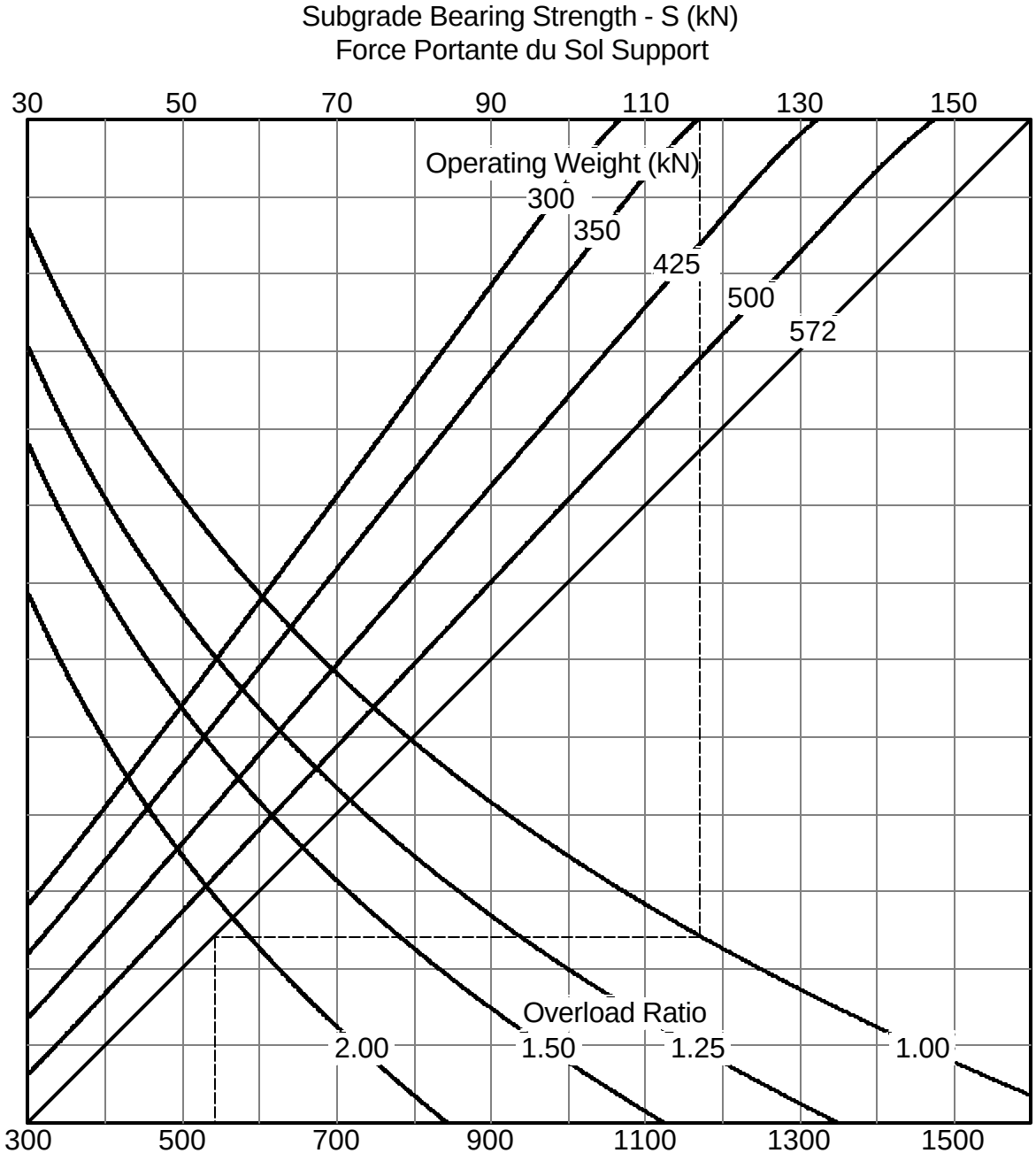
Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-100
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.02	

Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support

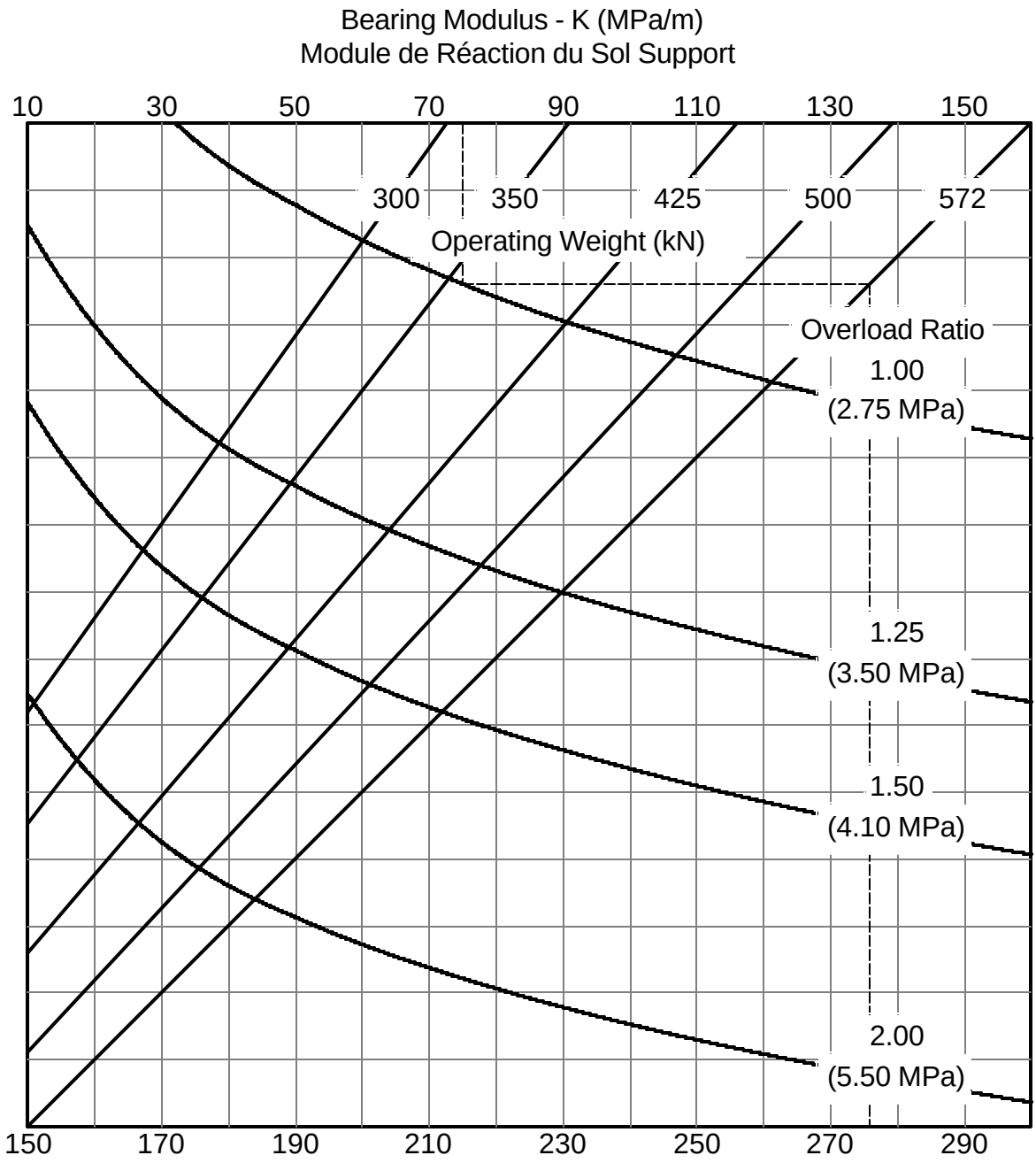


Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-200, 200C, Advanced
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.26	

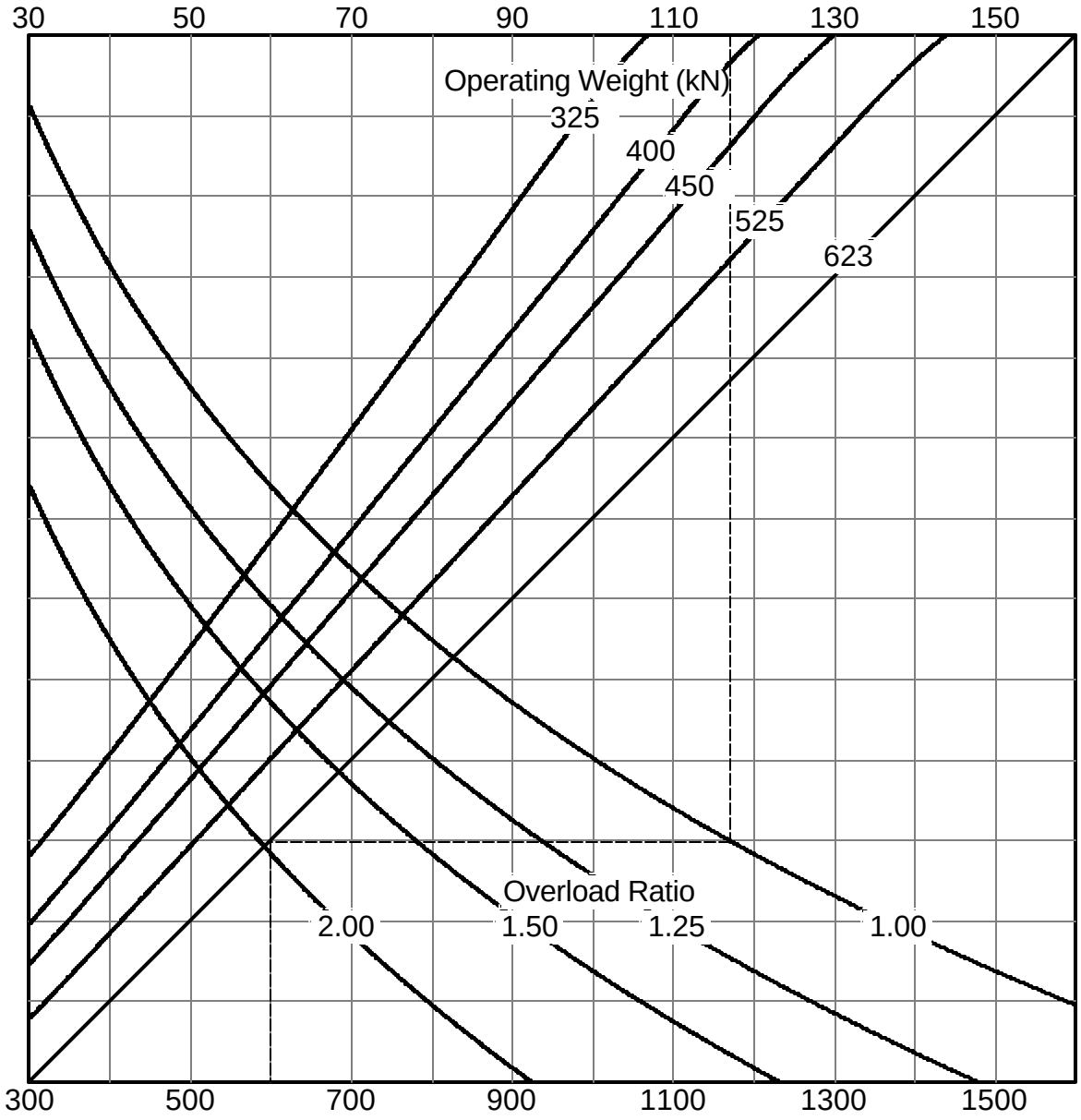


Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-200, 200C, Advanced
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.26	



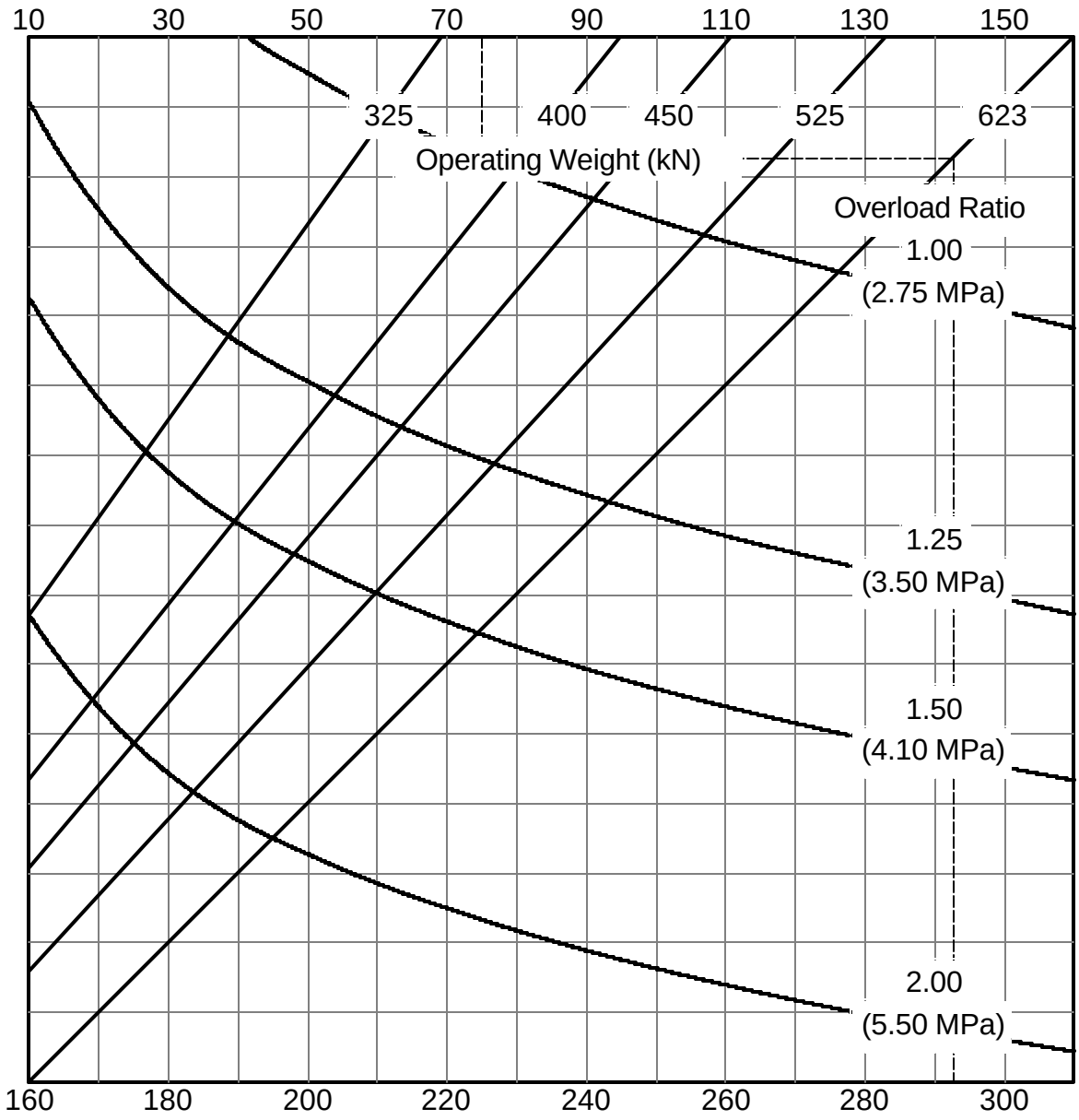
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.40	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



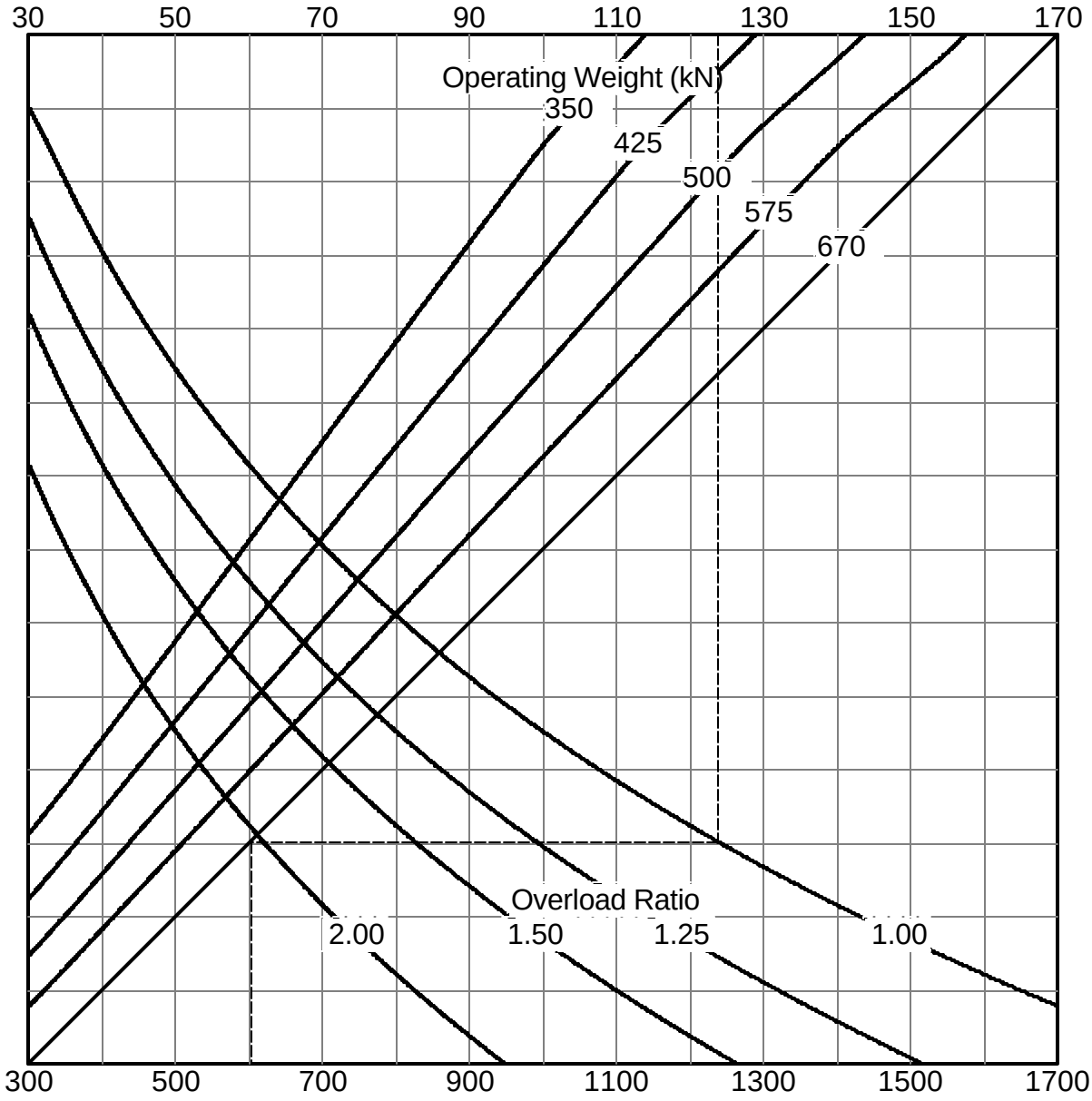
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.40	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-400
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.28	

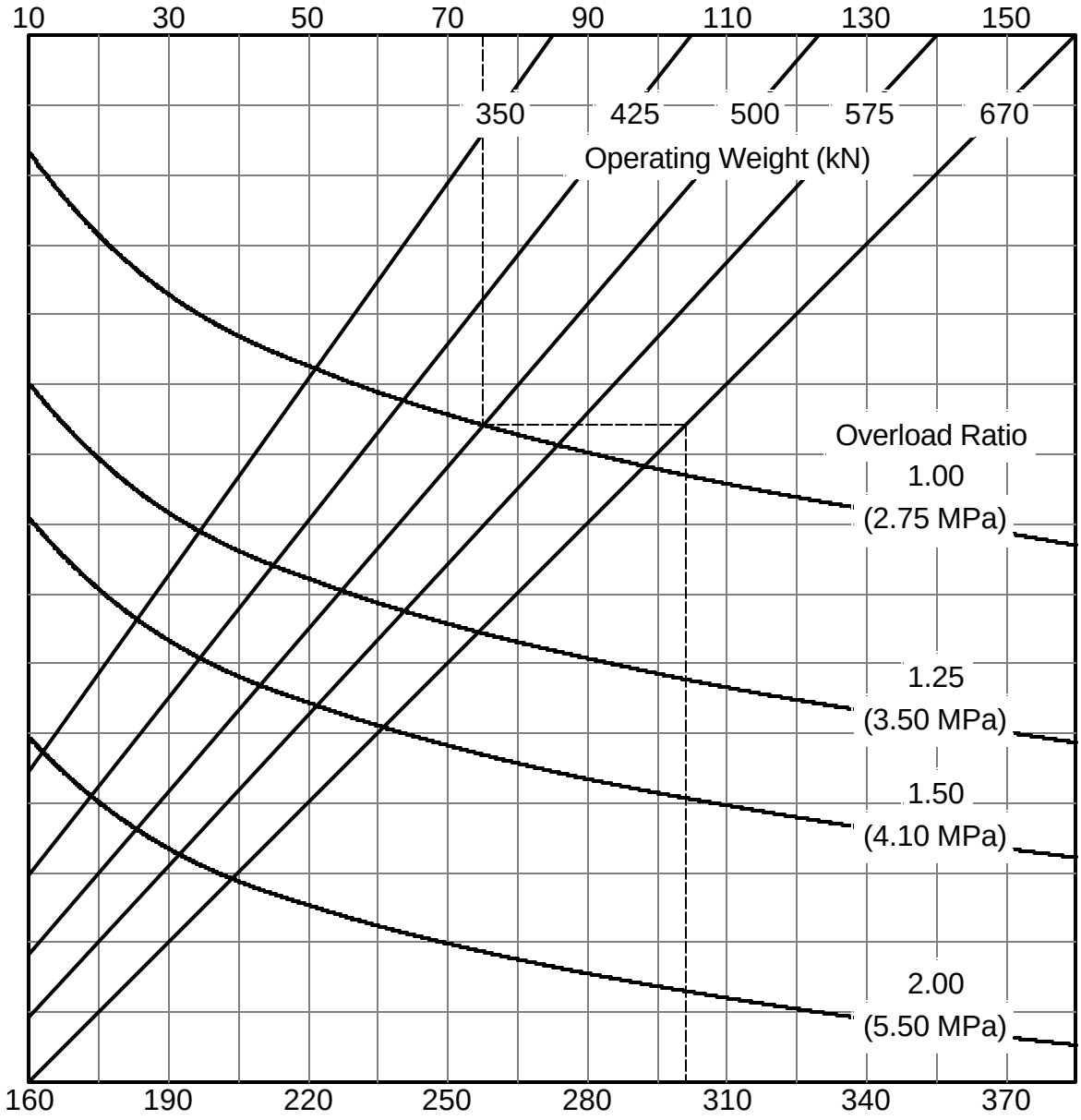
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-400
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.28	

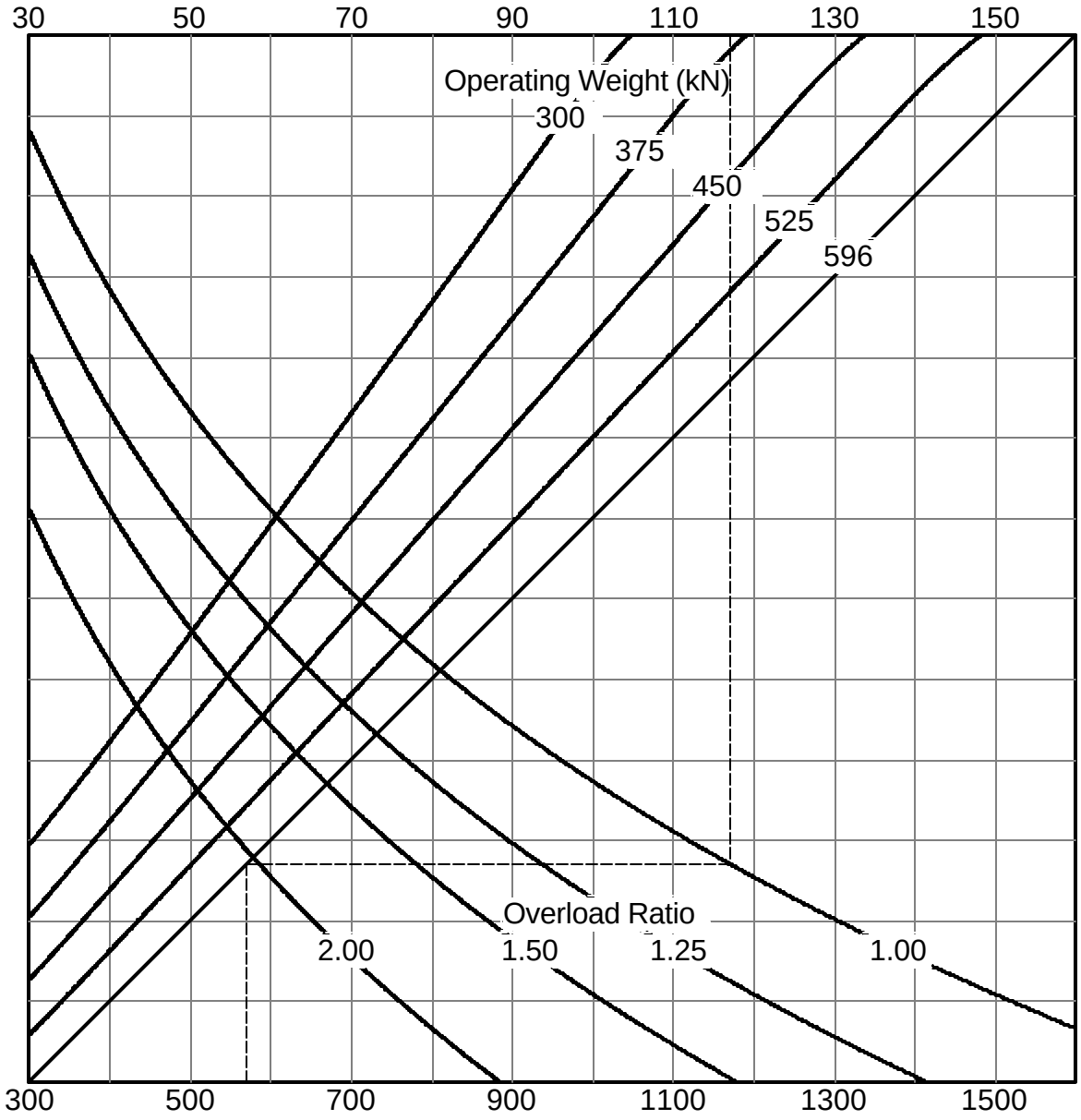
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-500
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.34	

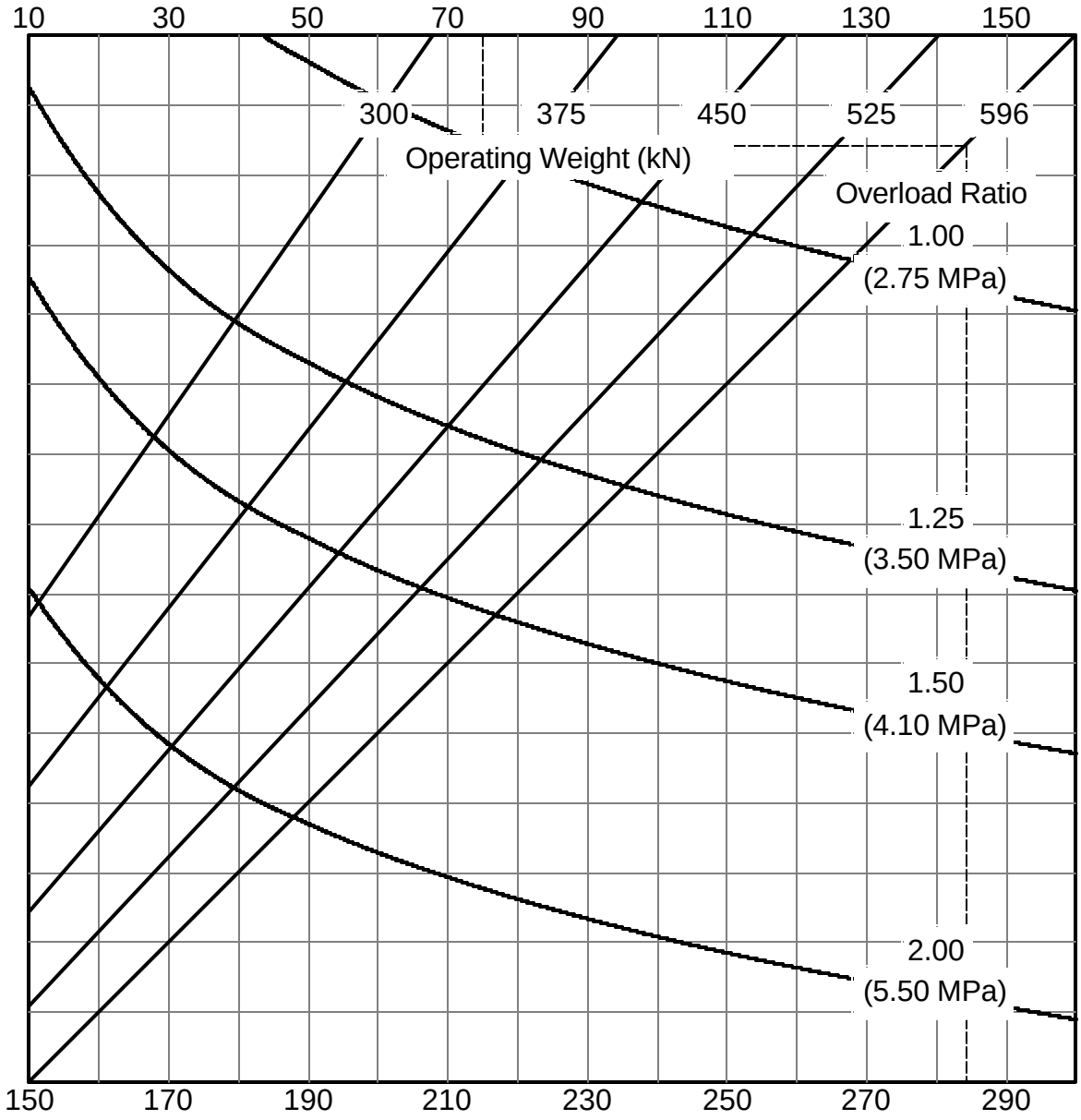
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-500
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	775 mm
Tire Pressure (MPa) Pression des Pneus	1.34	

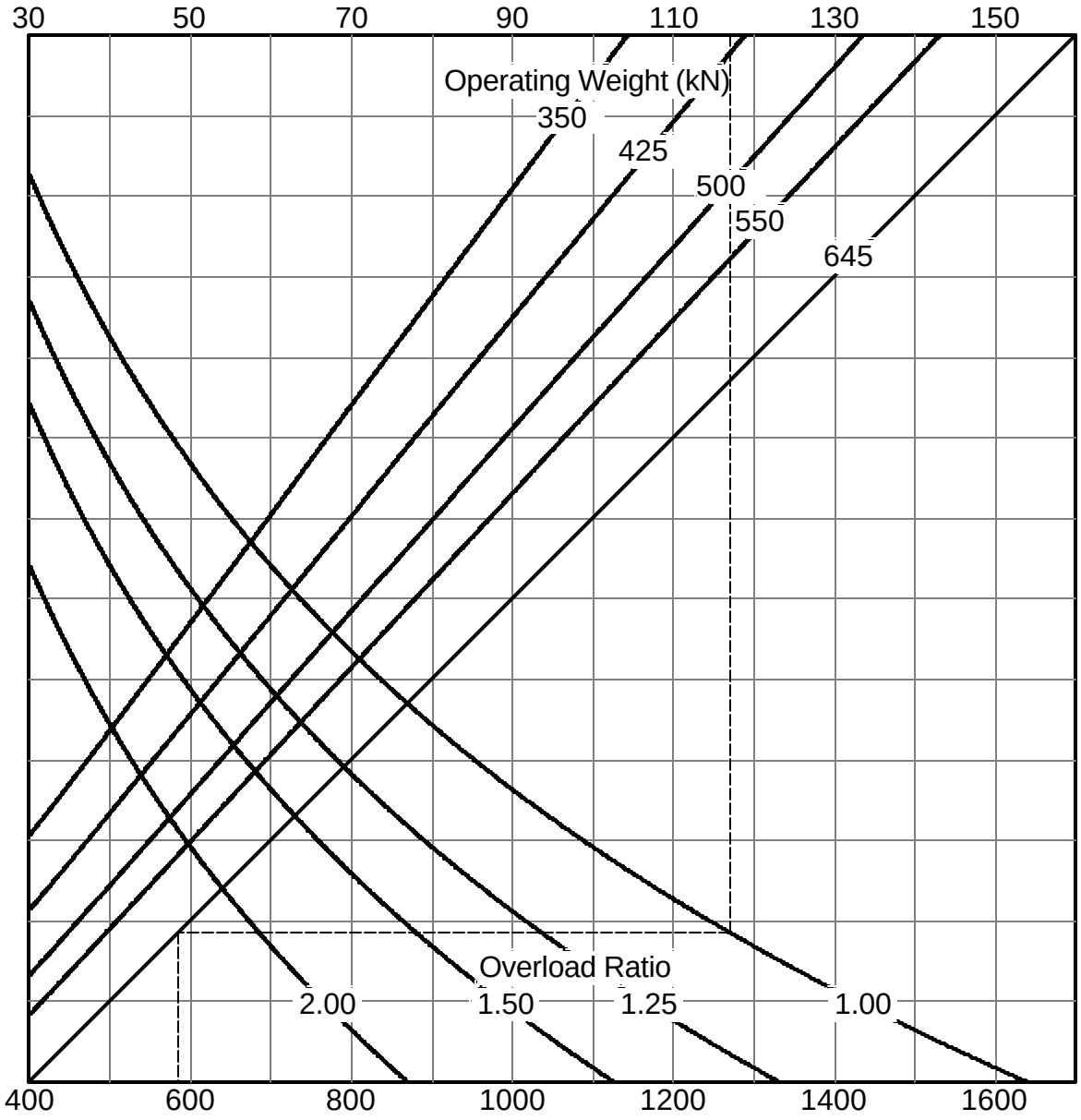
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-600
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.30	

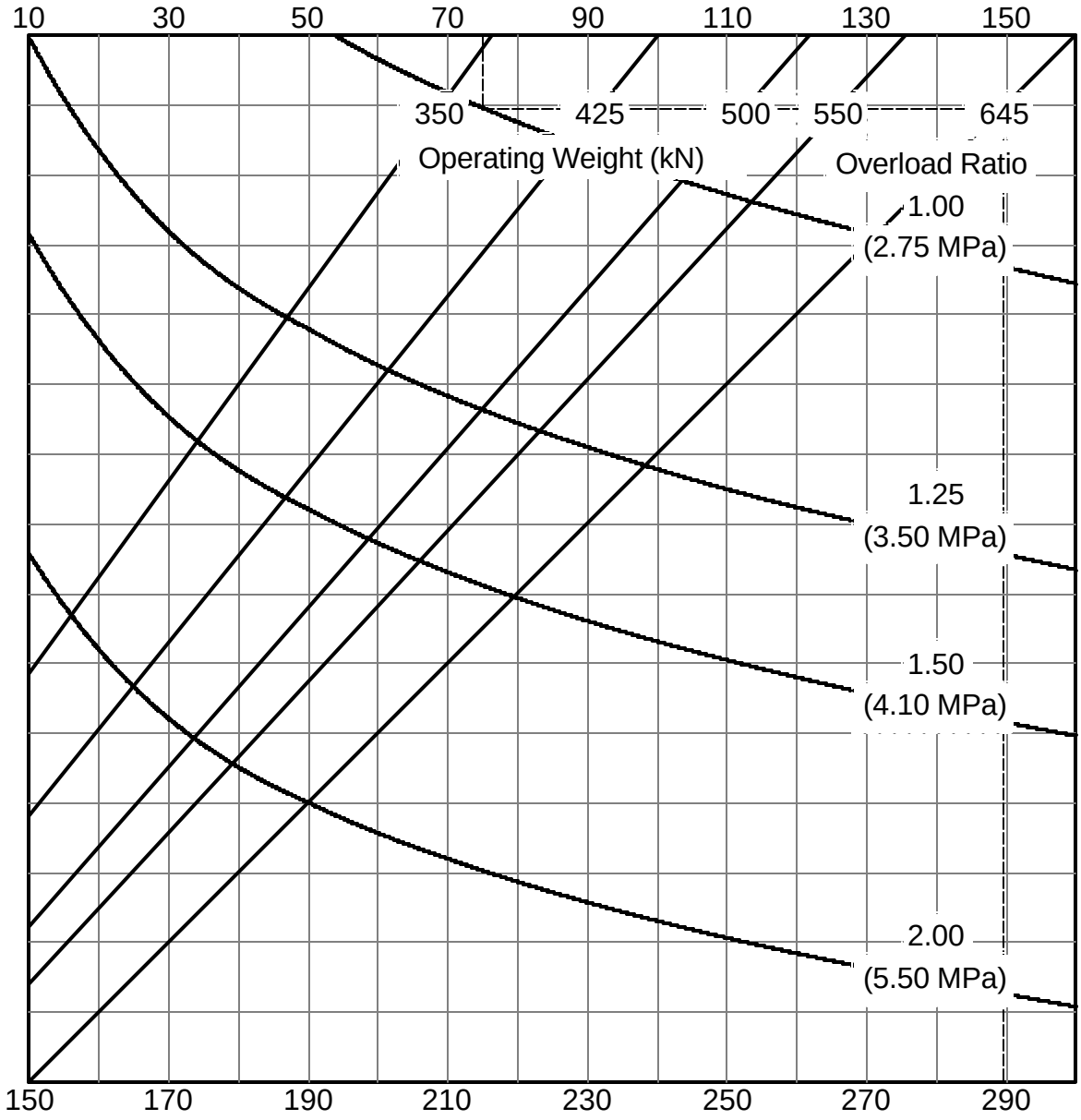
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-600
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.30	

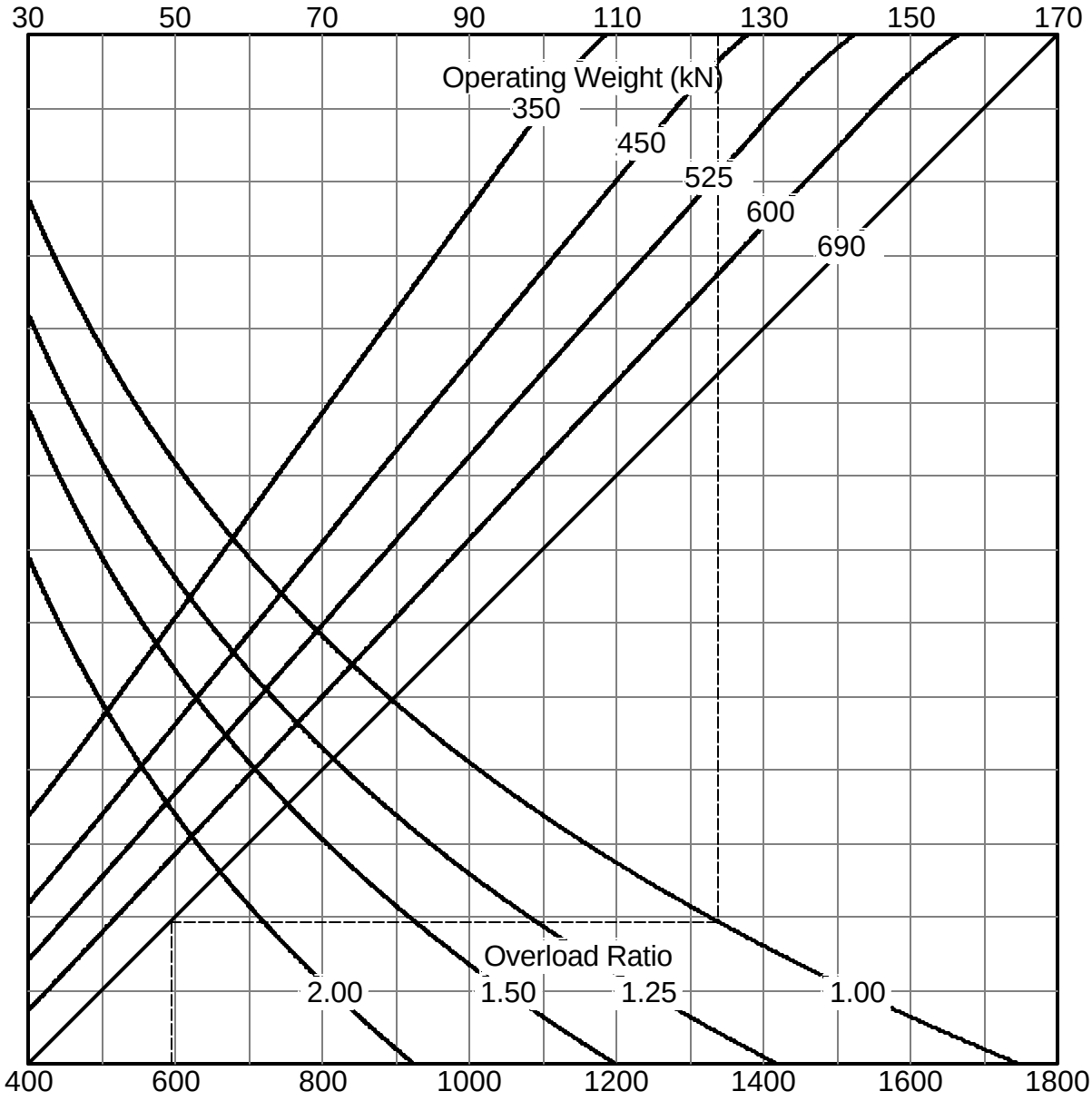
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

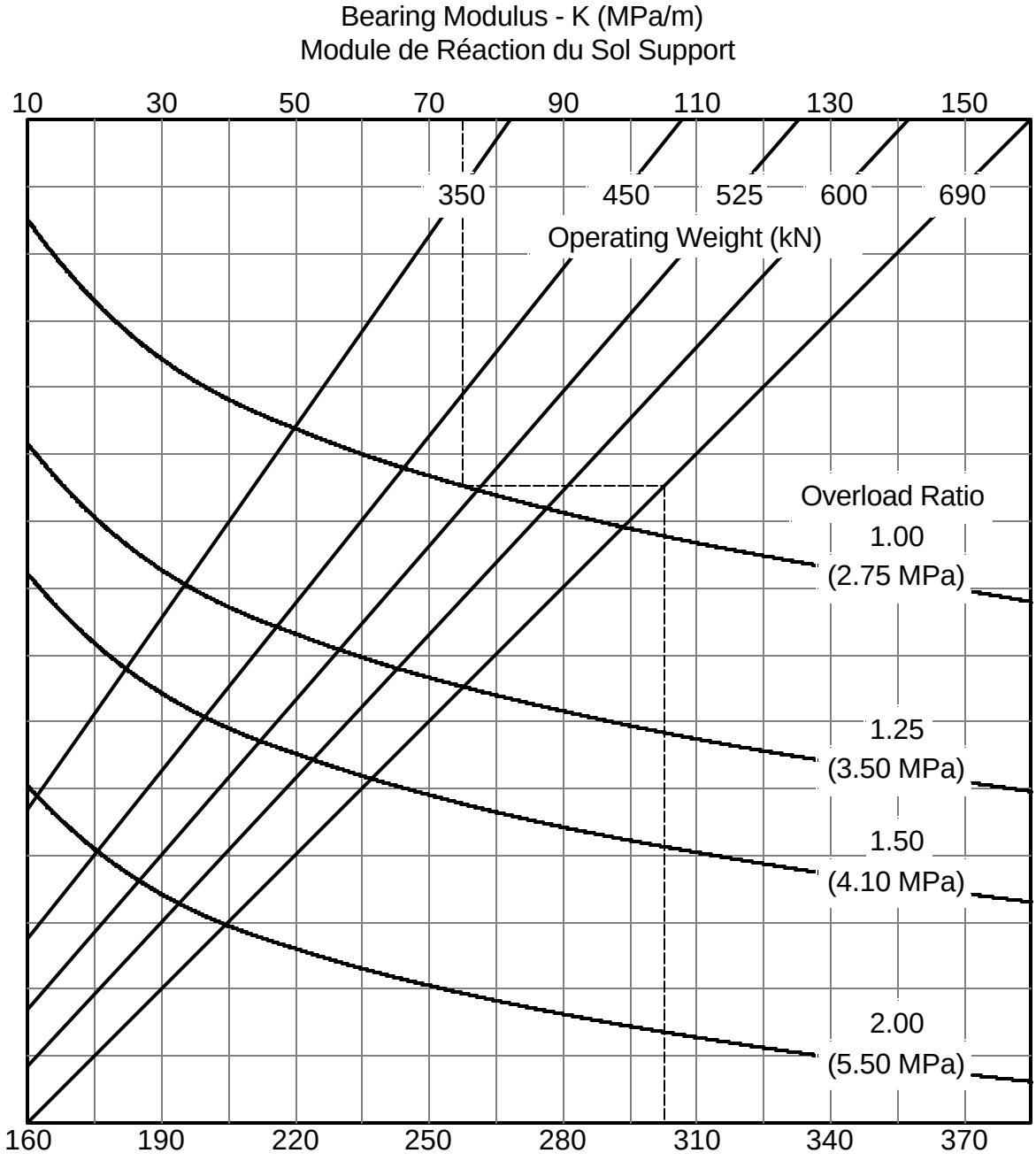
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-700
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.39	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



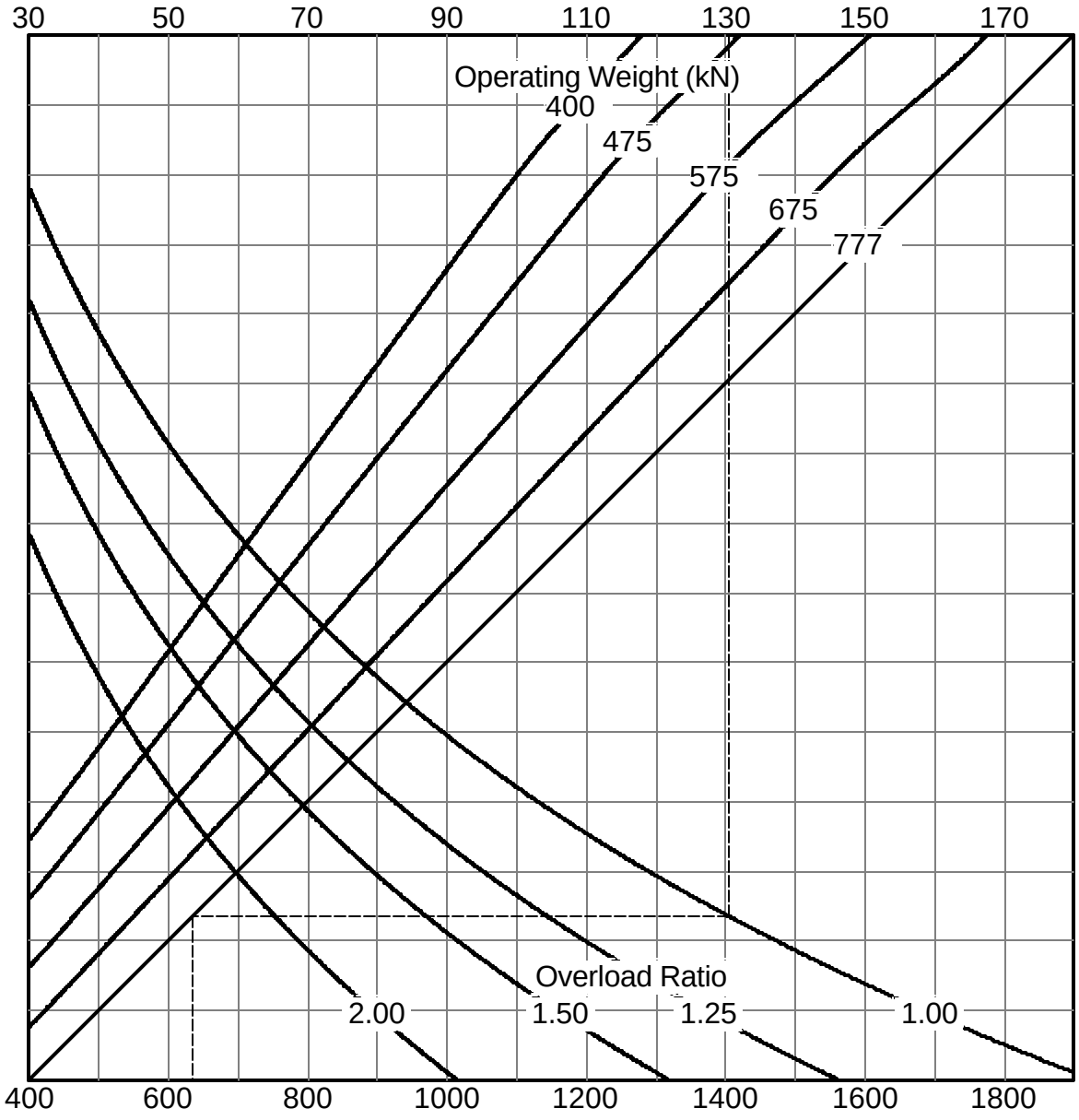
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-700
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.39	



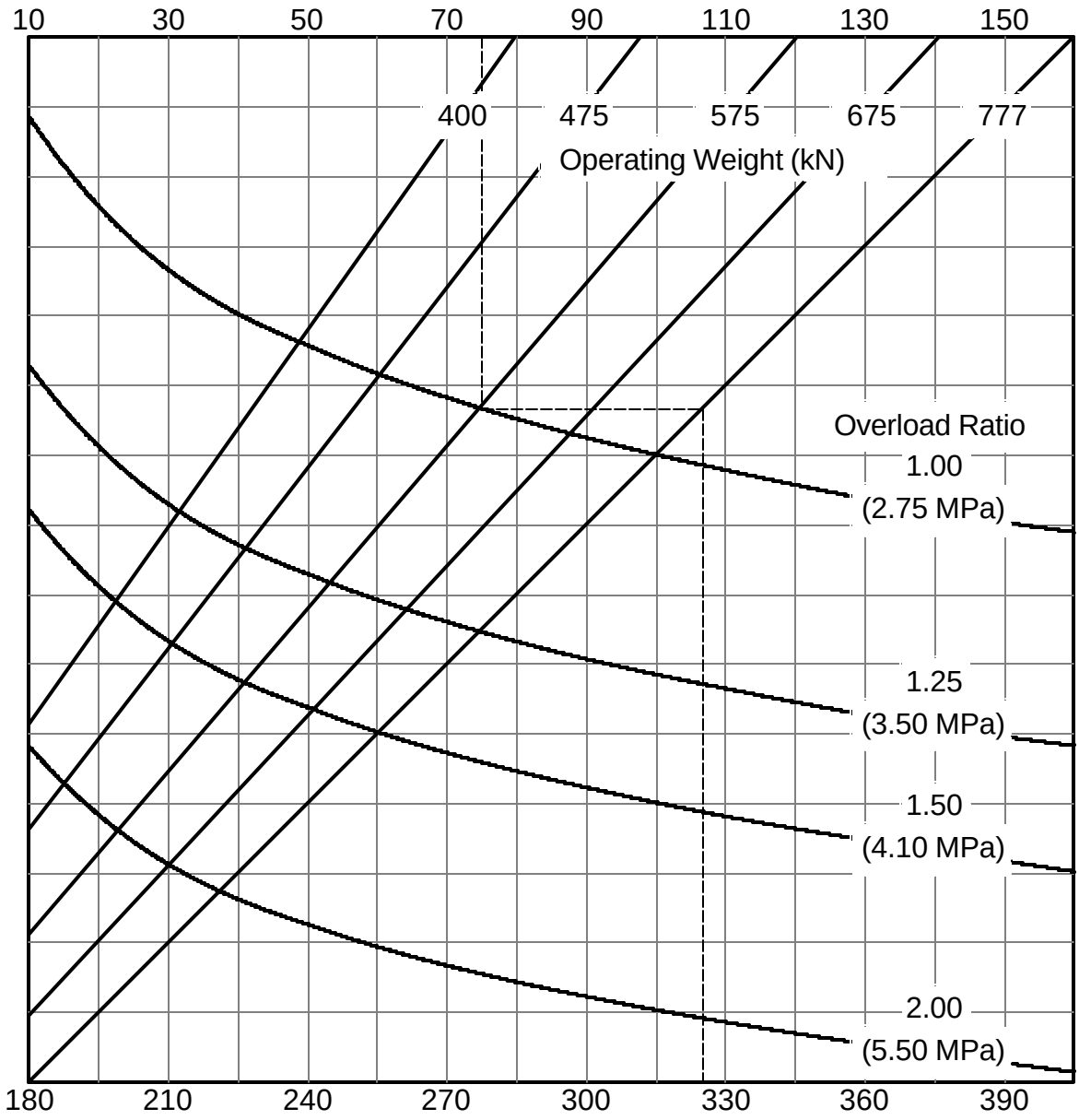
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-800
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.47	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



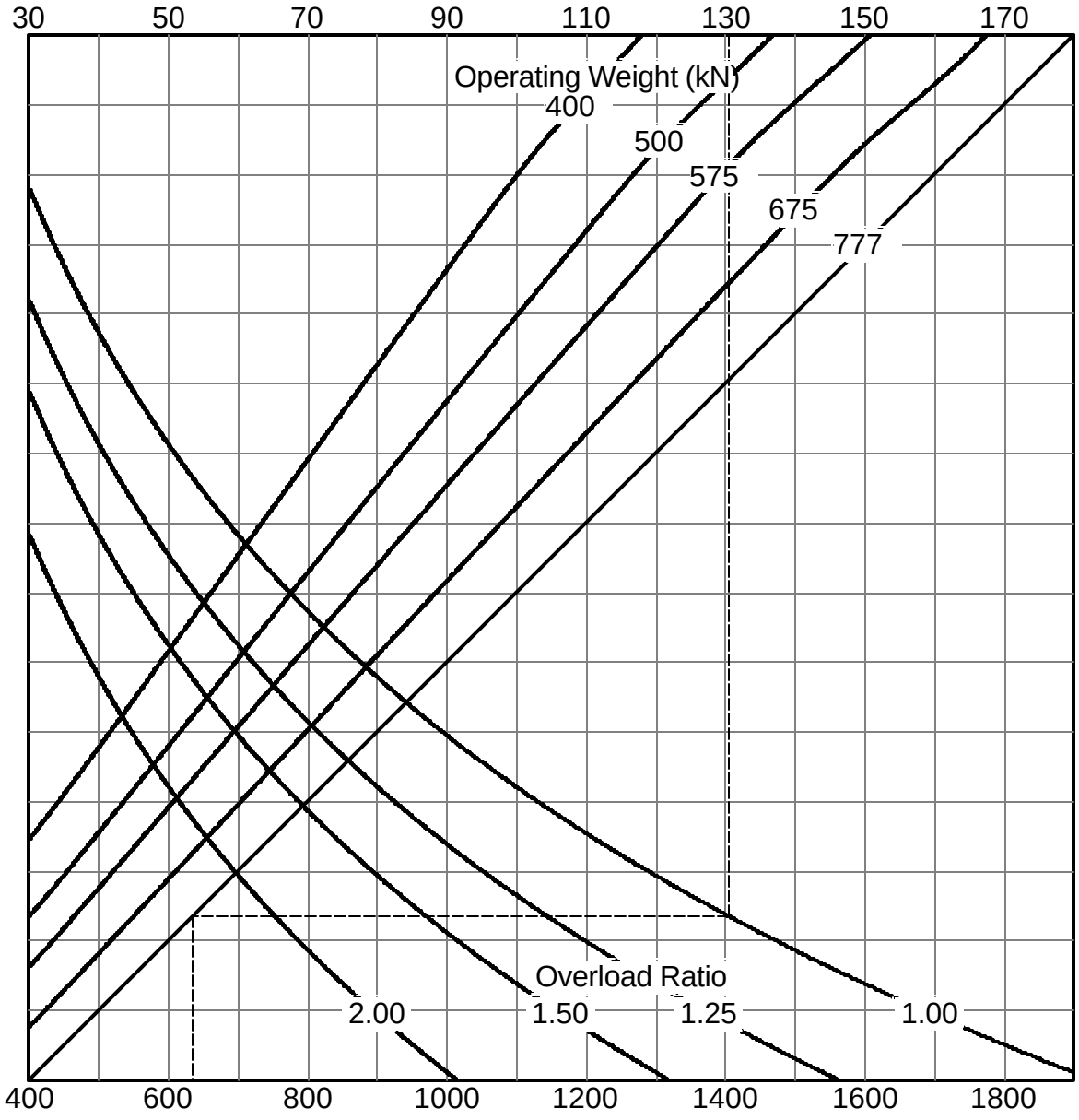
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-800
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.47	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-900
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.47	

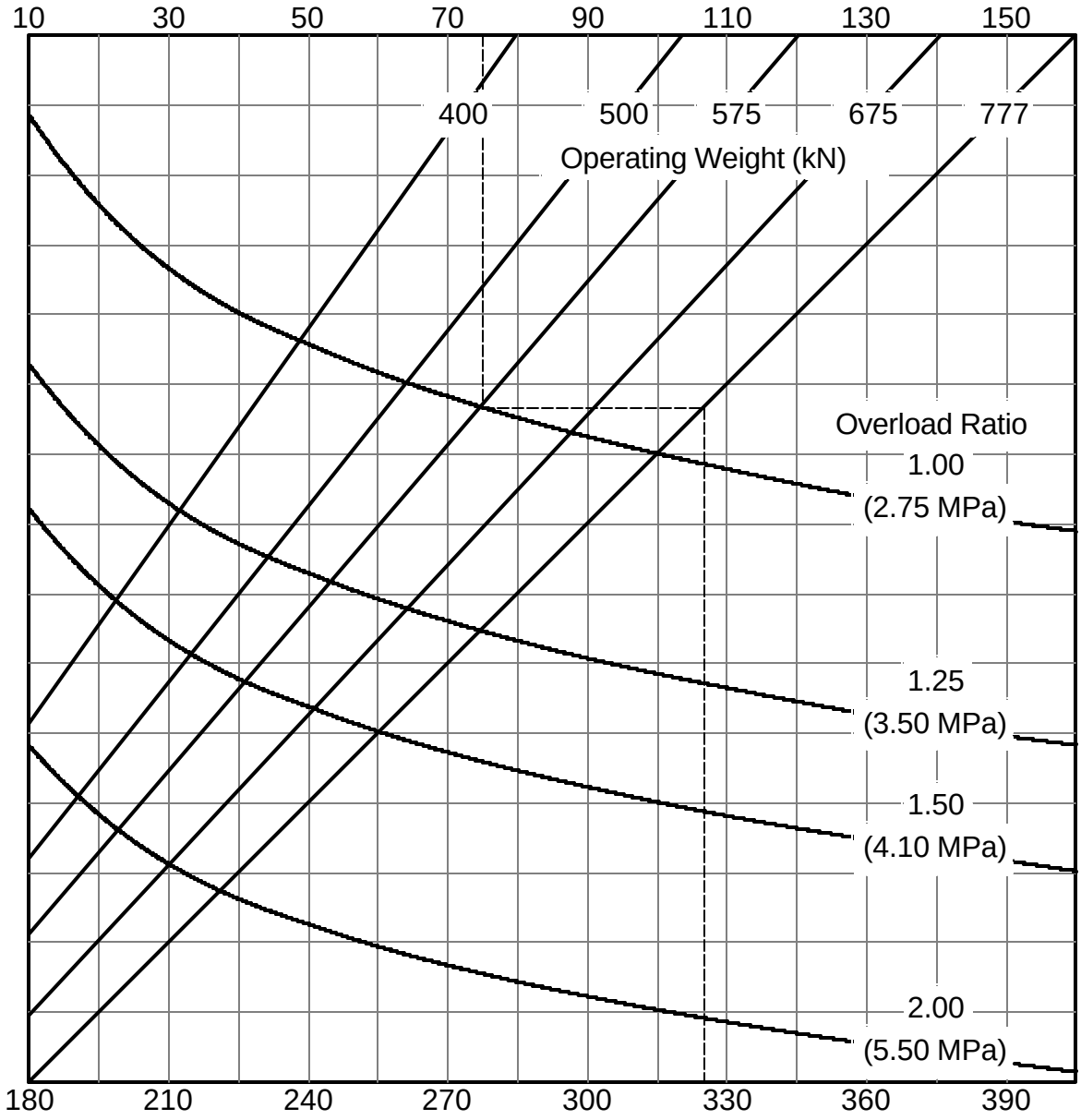
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-900
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.47	

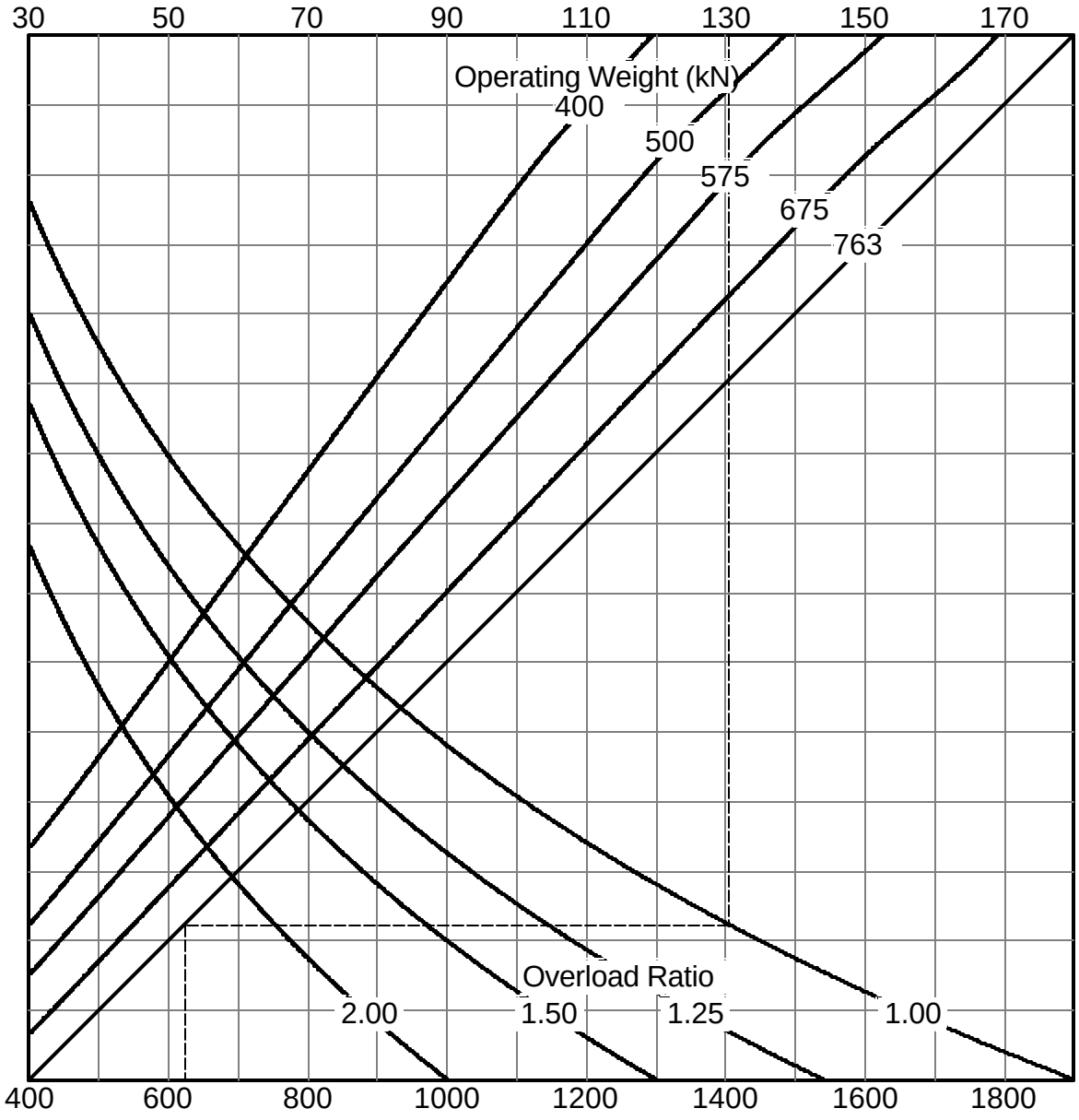
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B737-BBJ
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.47	

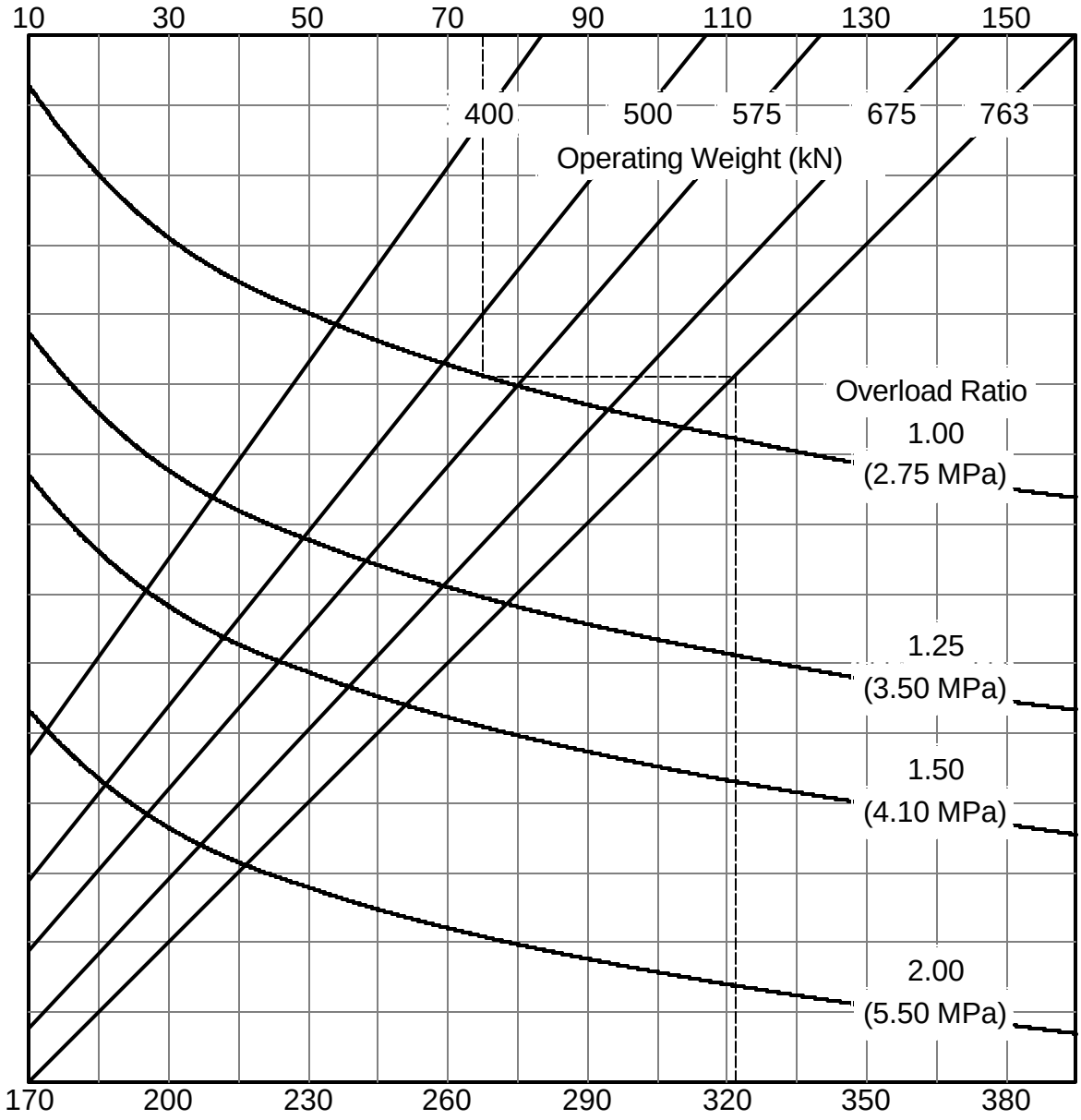
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B737-BBJ
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	864 mm
Tire Pressure (MPa) Pression des Pneus	1.47	

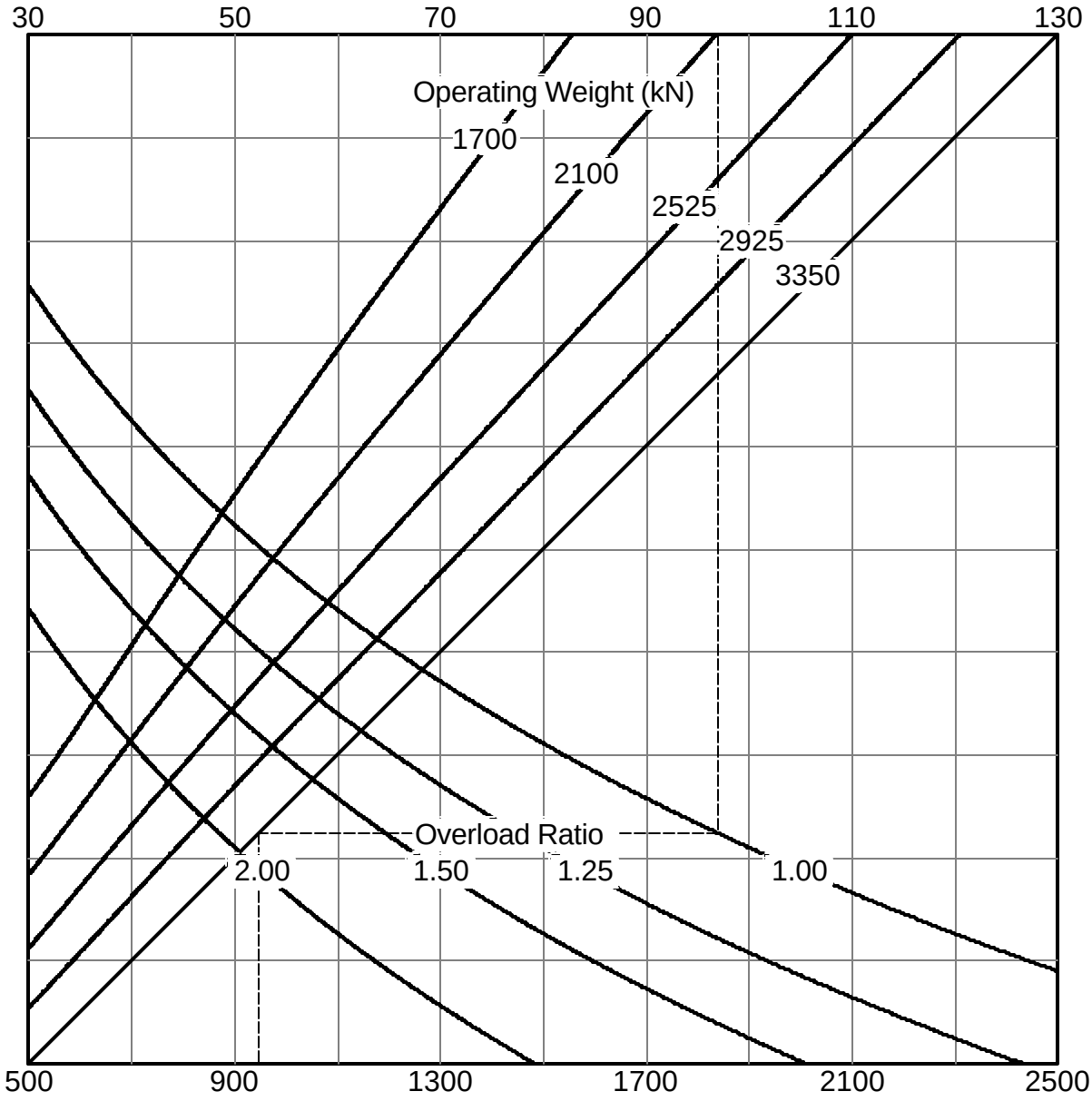
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



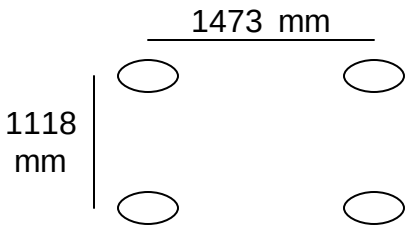
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-100, 100B, 100SF
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.55	

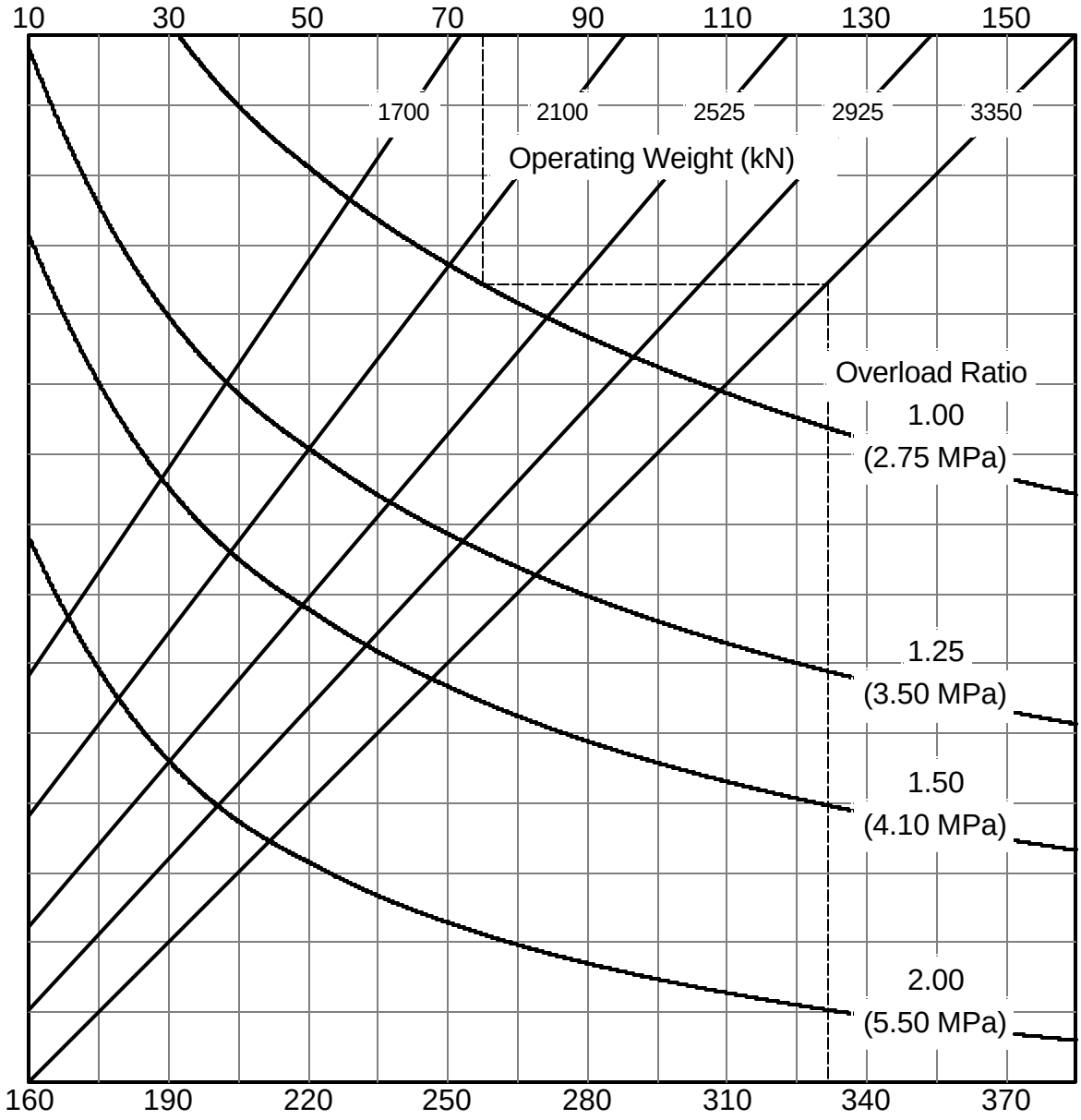
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



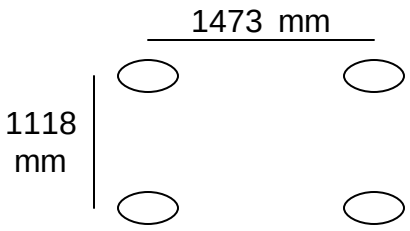
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-100, 100B, 100SF
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	
Tire Pressure (MPa) Pression des Pneus	1.55	

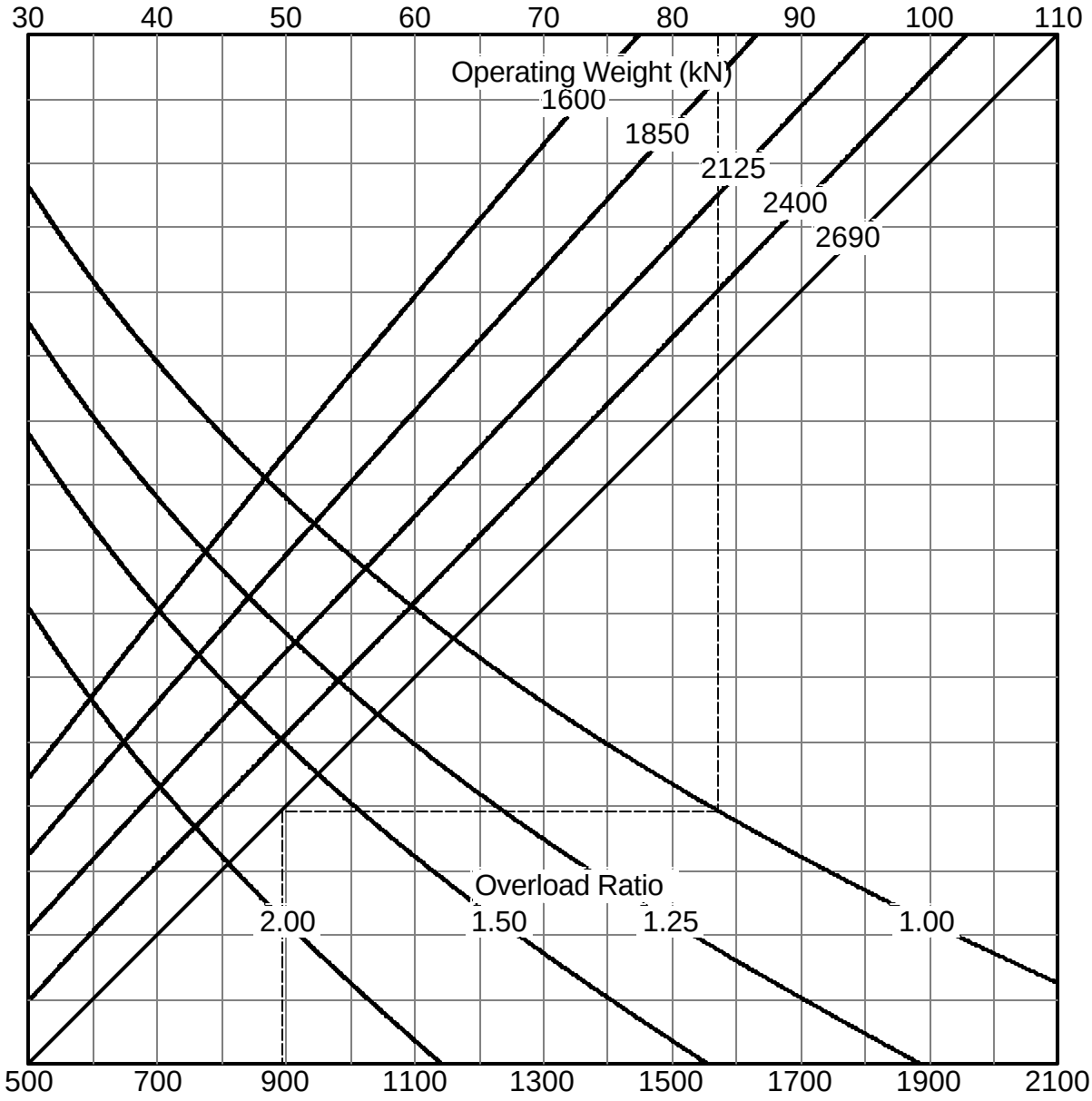
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-100SR
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	
Tire Pressure (MPa) Pression des Pneus	1.04	

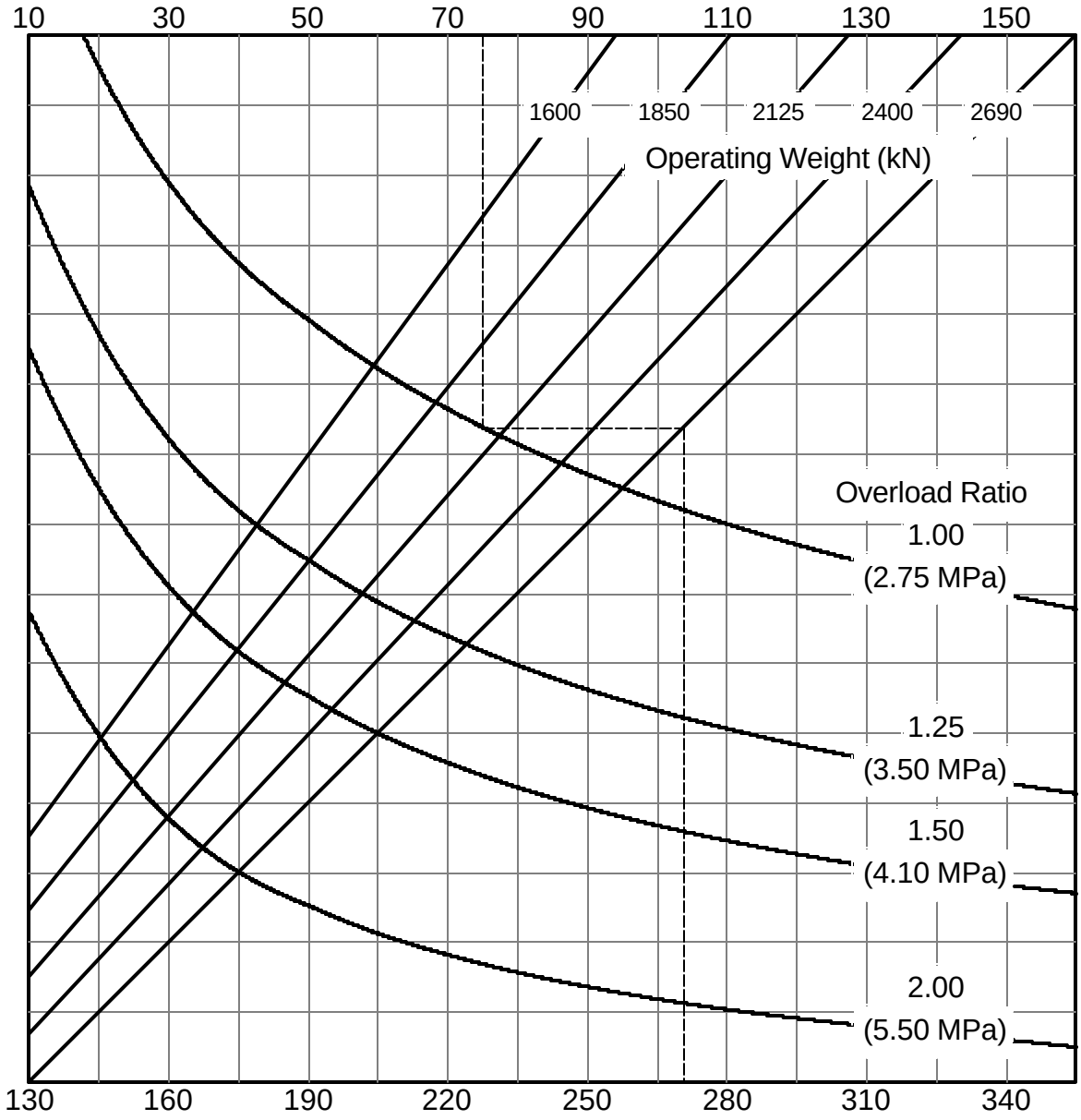
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-100SR
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.04	

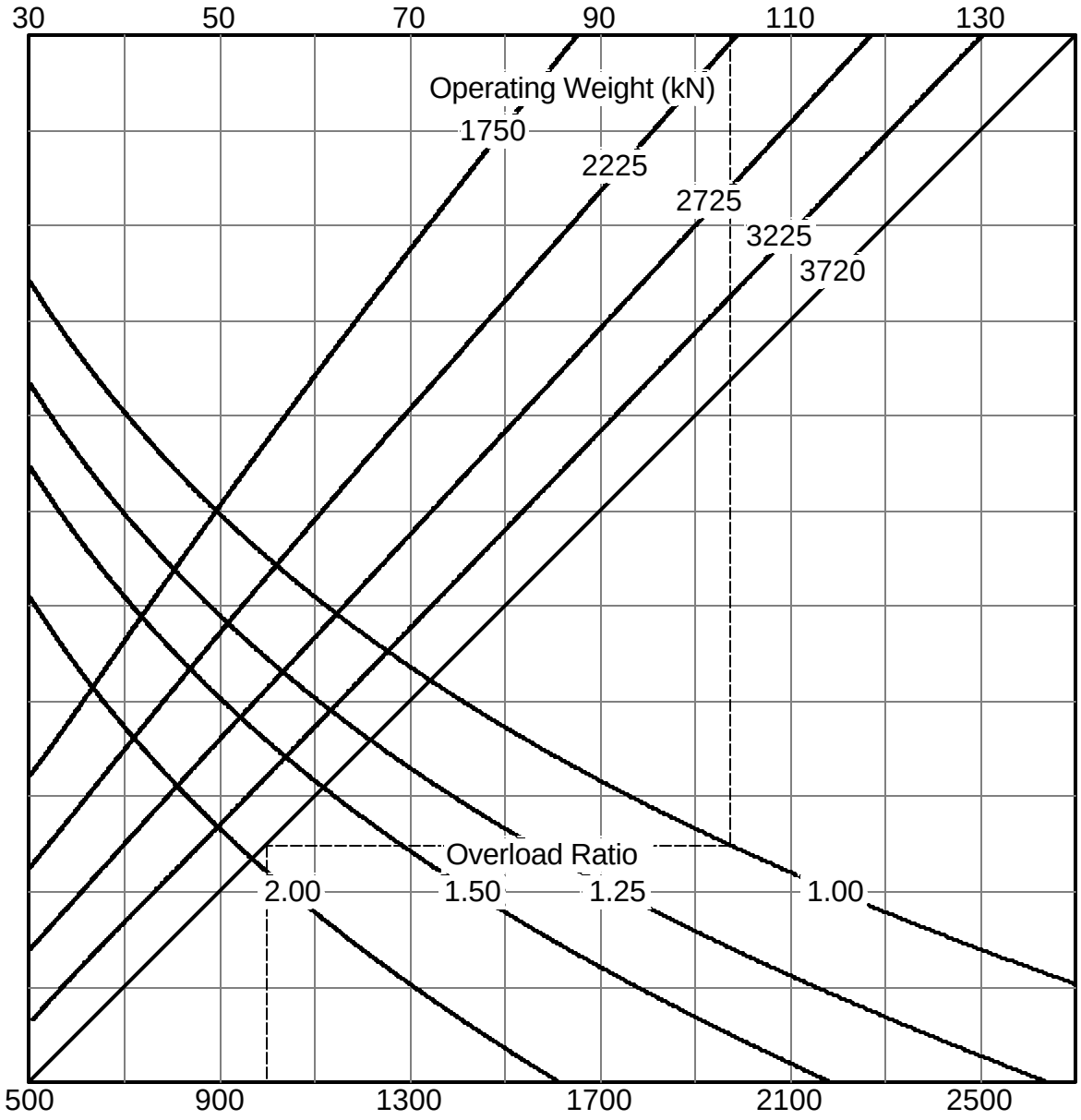
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-200B, C, F, M
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.38	

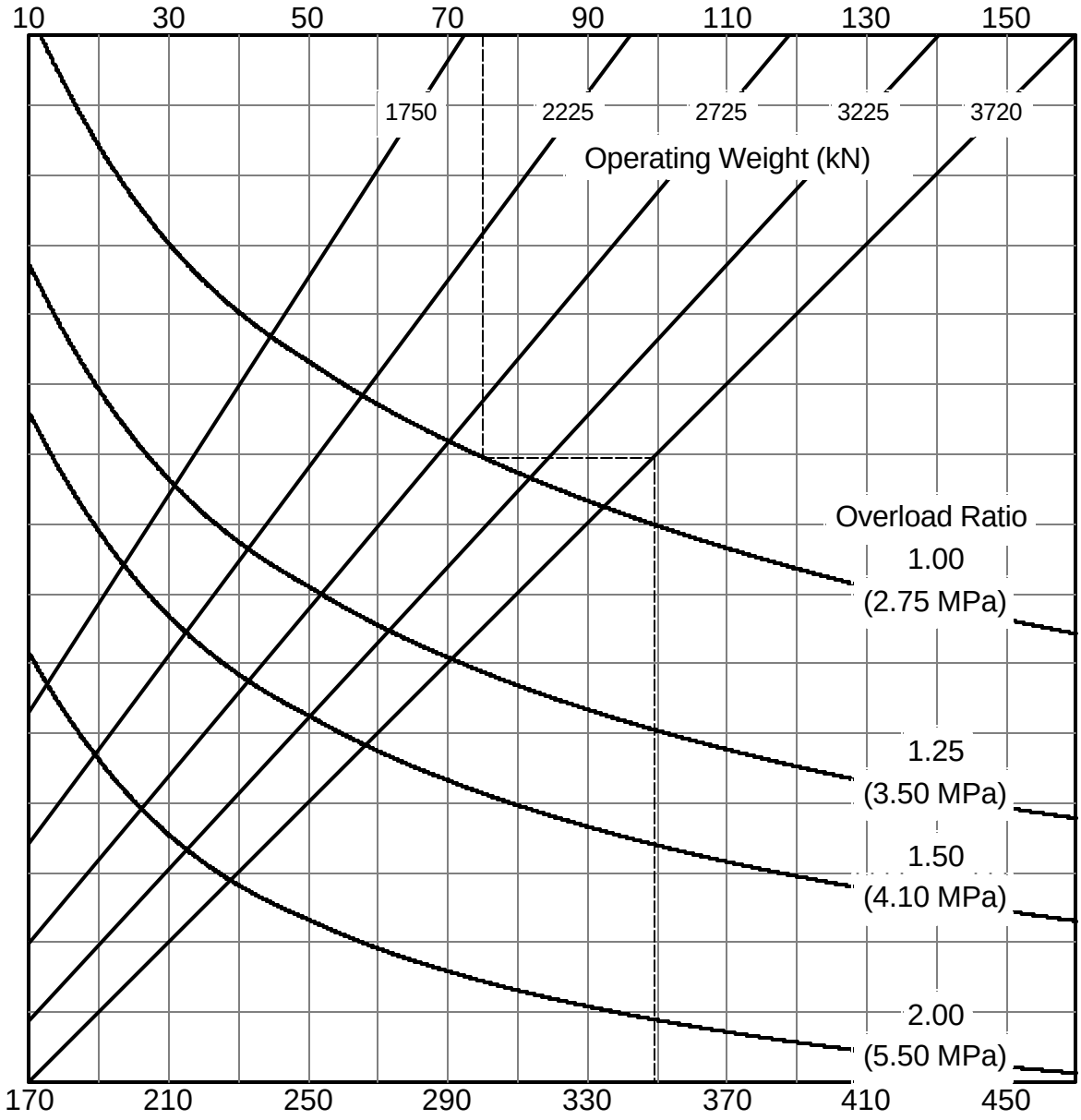
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-200B, C, F, M
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.38	

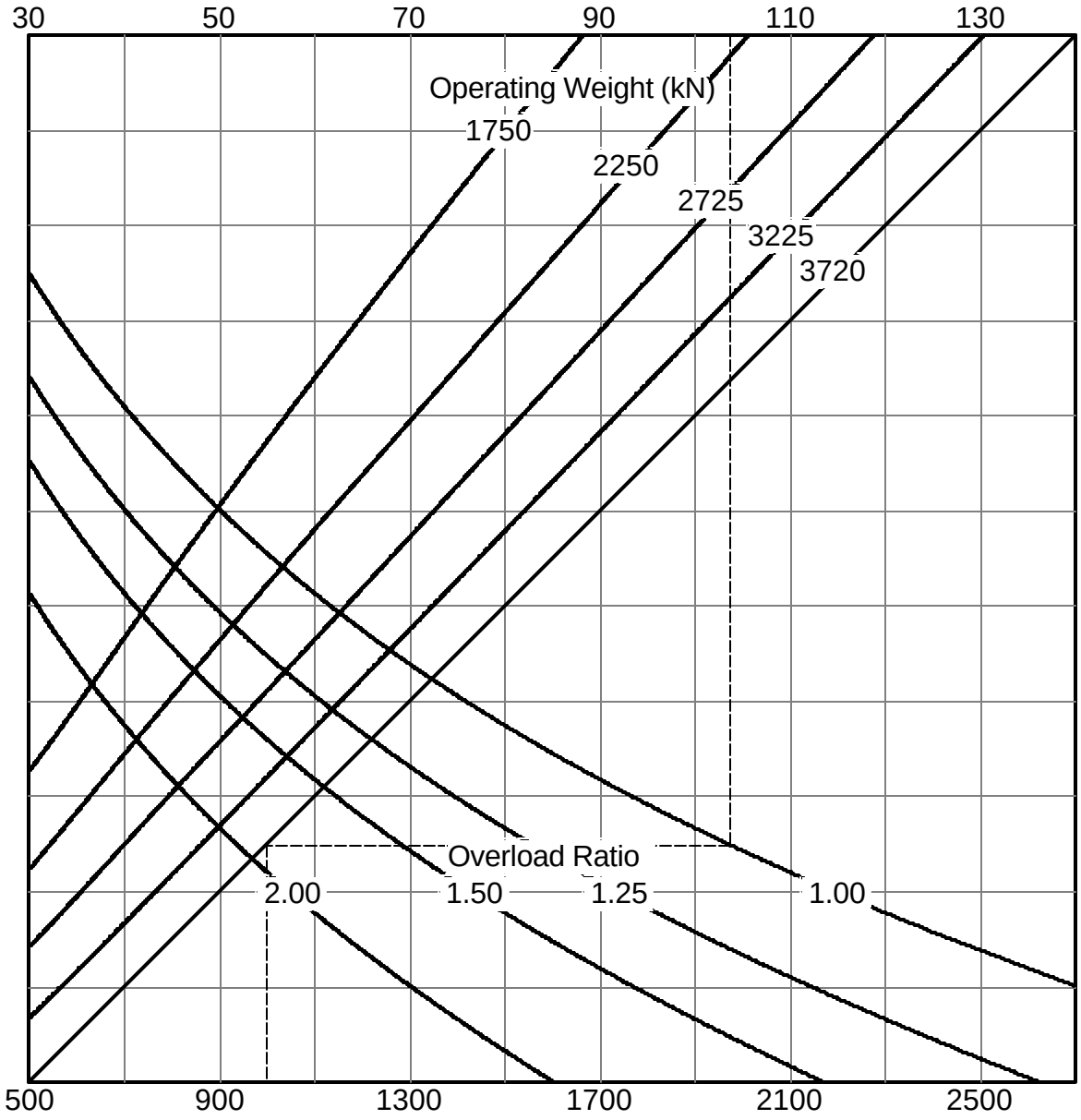
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



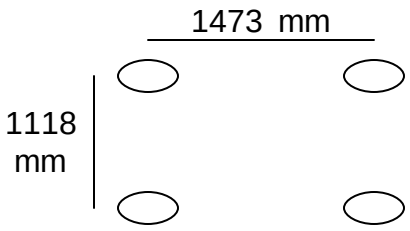
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-300, 300M, 300SR
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.31	

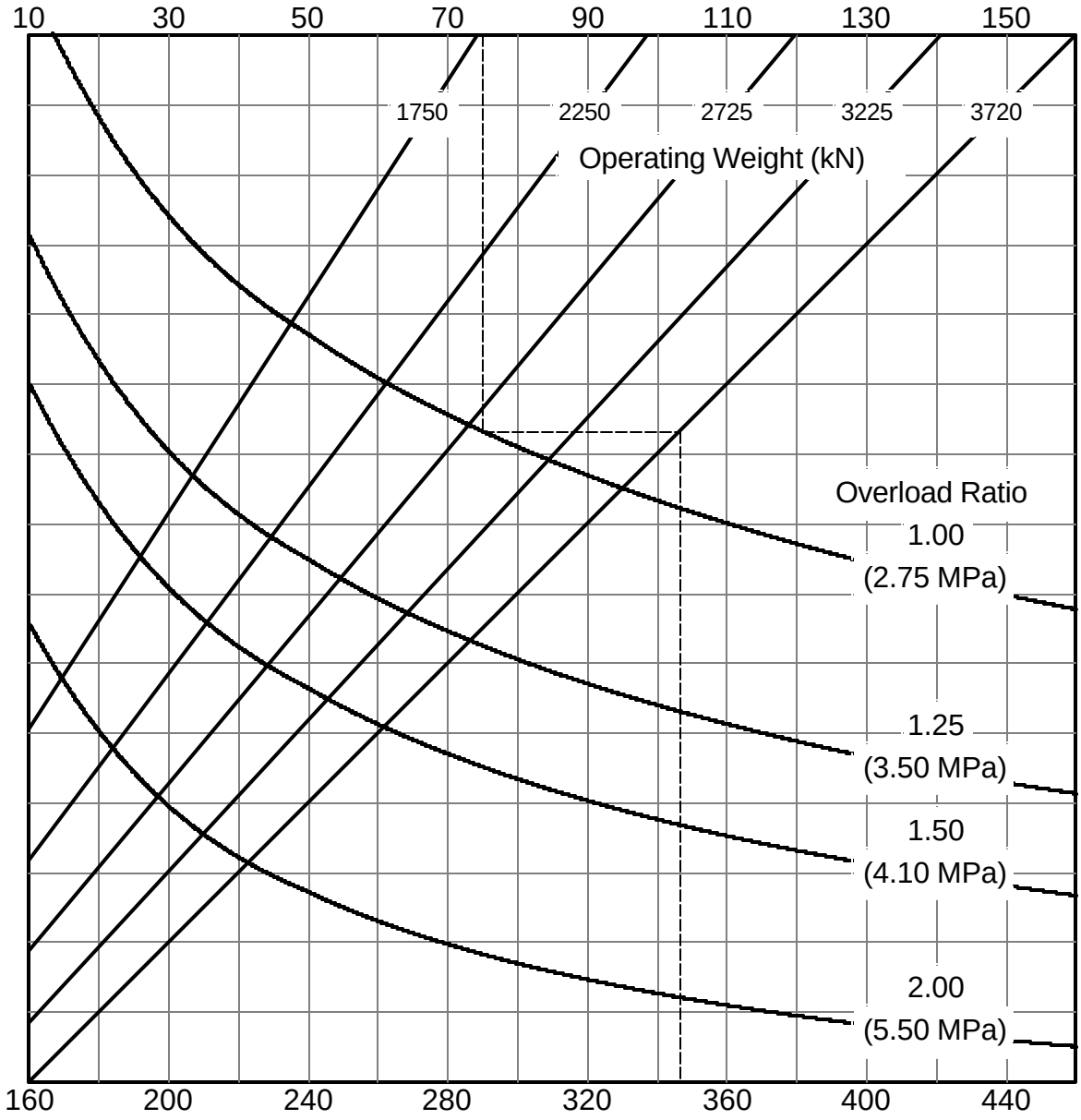
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-300, 300M, 300SR
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	
Tire Pressure (MPa) Pression des Pneus	1.31	

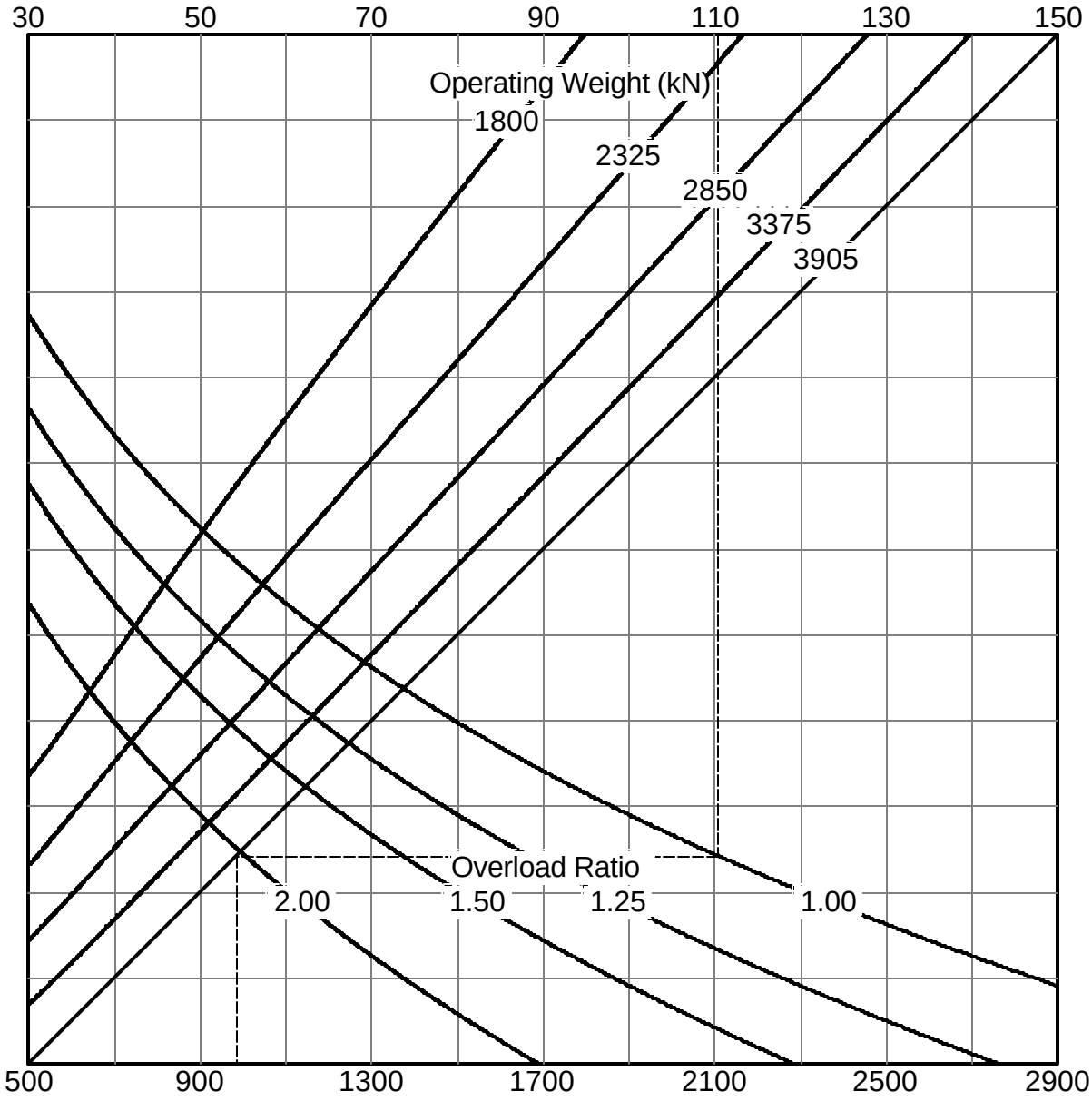
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



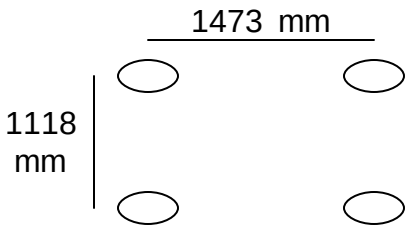
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-400, 400F, 400M
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.38	

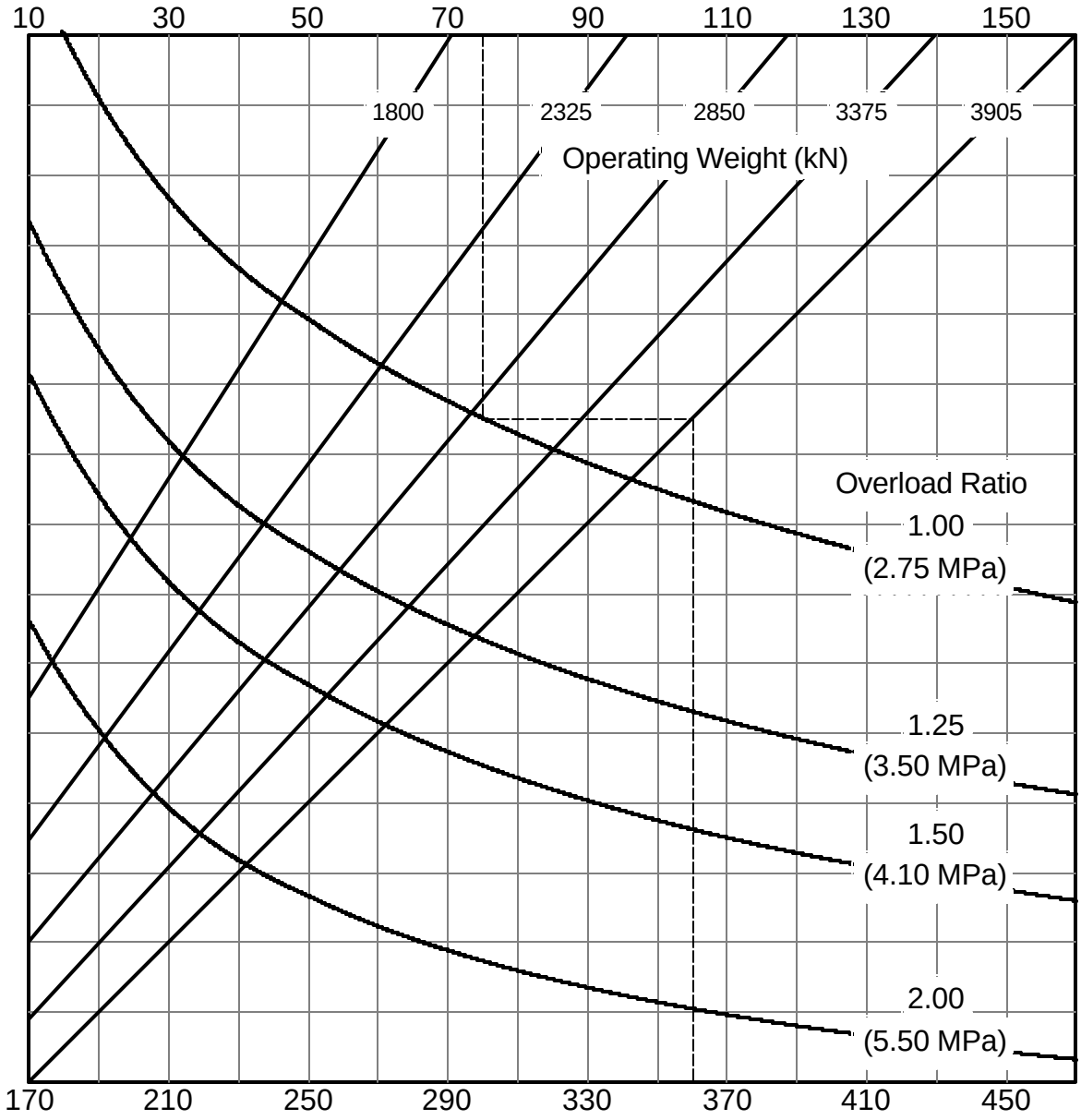
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

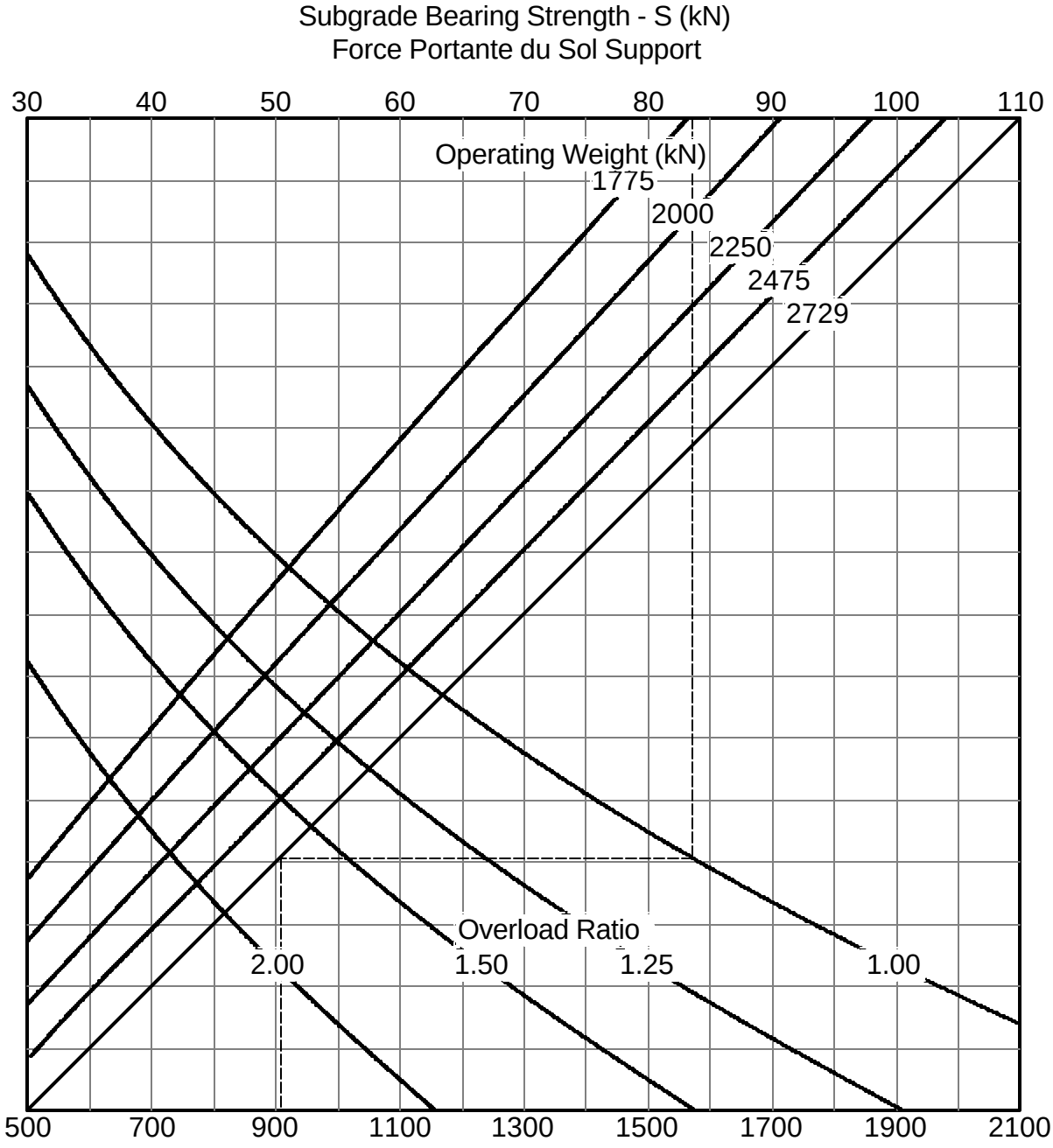
Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-400, 400F, 400M
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	
Tire Pressure (MPa) Pression des Pneus	1.38	

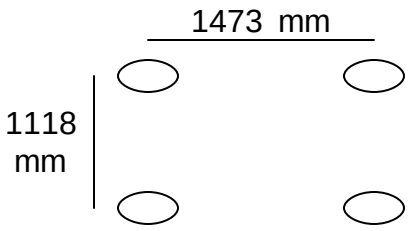
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



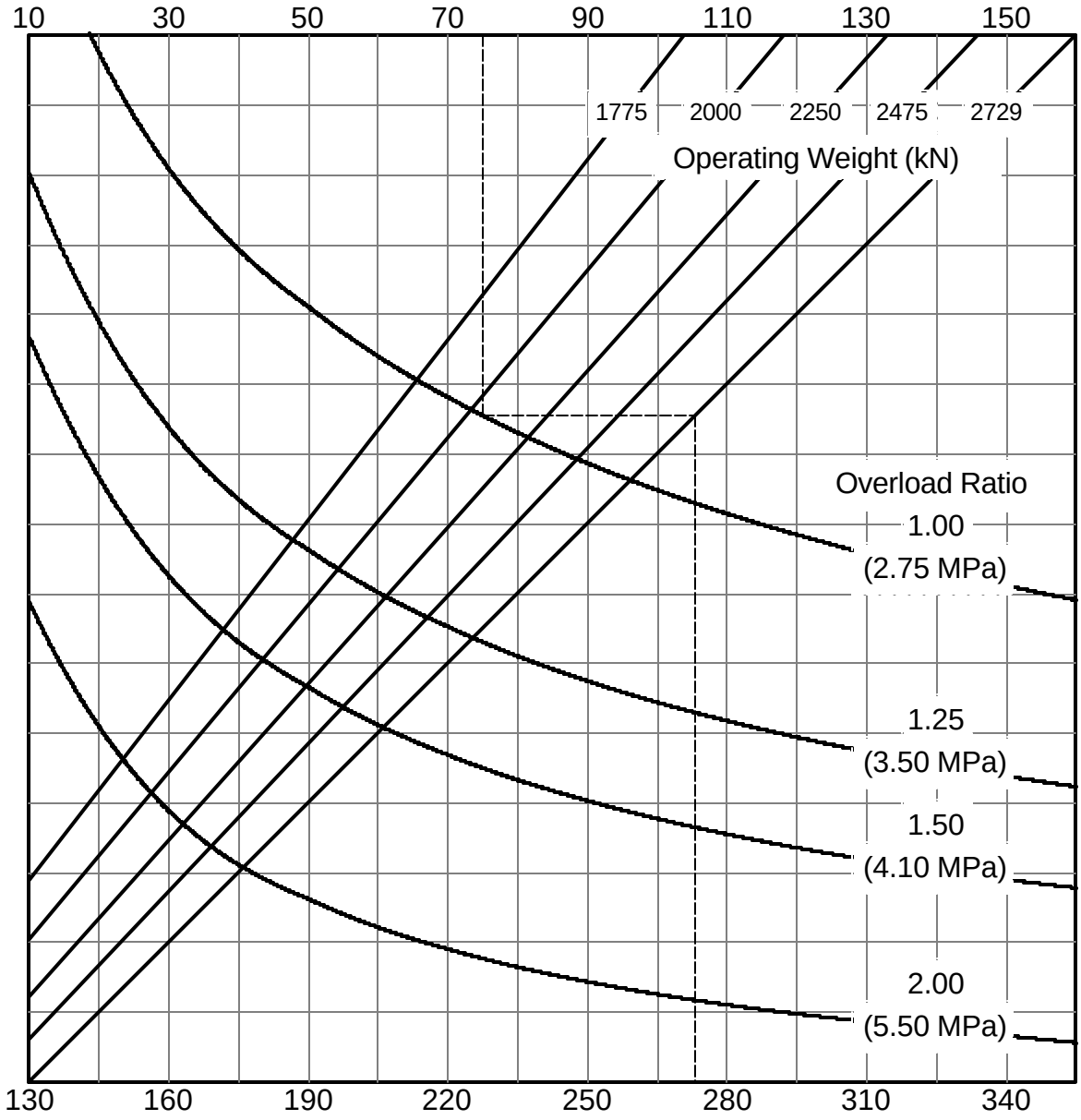
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-400D (Domestic)
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1473 mm 1118 mm
Tire Pressure (MPa) Pression des Pneus	1.04	



Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-400D (Domestic)
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	
Tire Pressure (MPa) Pression des Pneus	1.04	

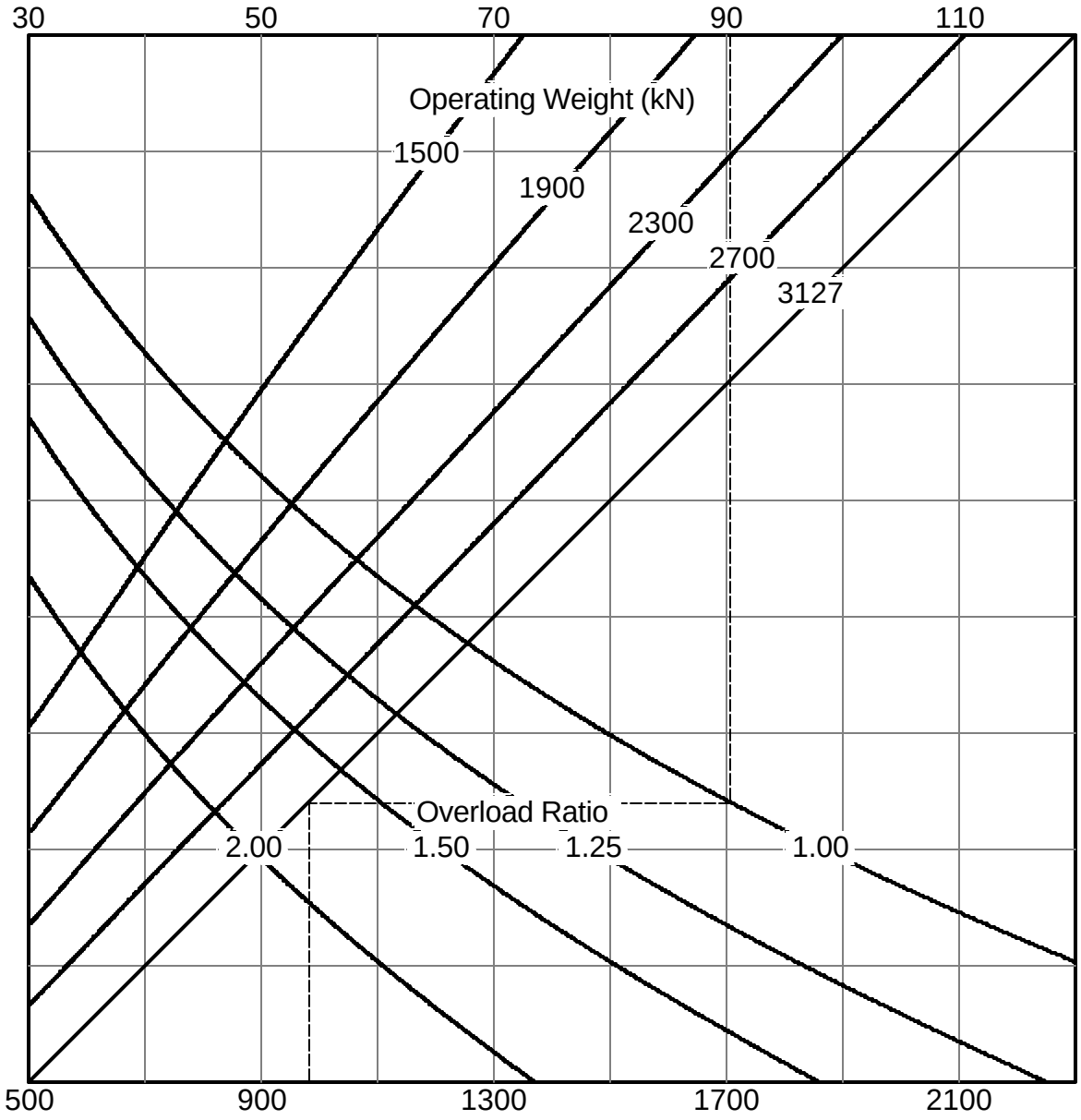
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B747-SP
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1372 mm 1100 mm
Tire Pressure (MPa) Pression des Pneus	1.26	

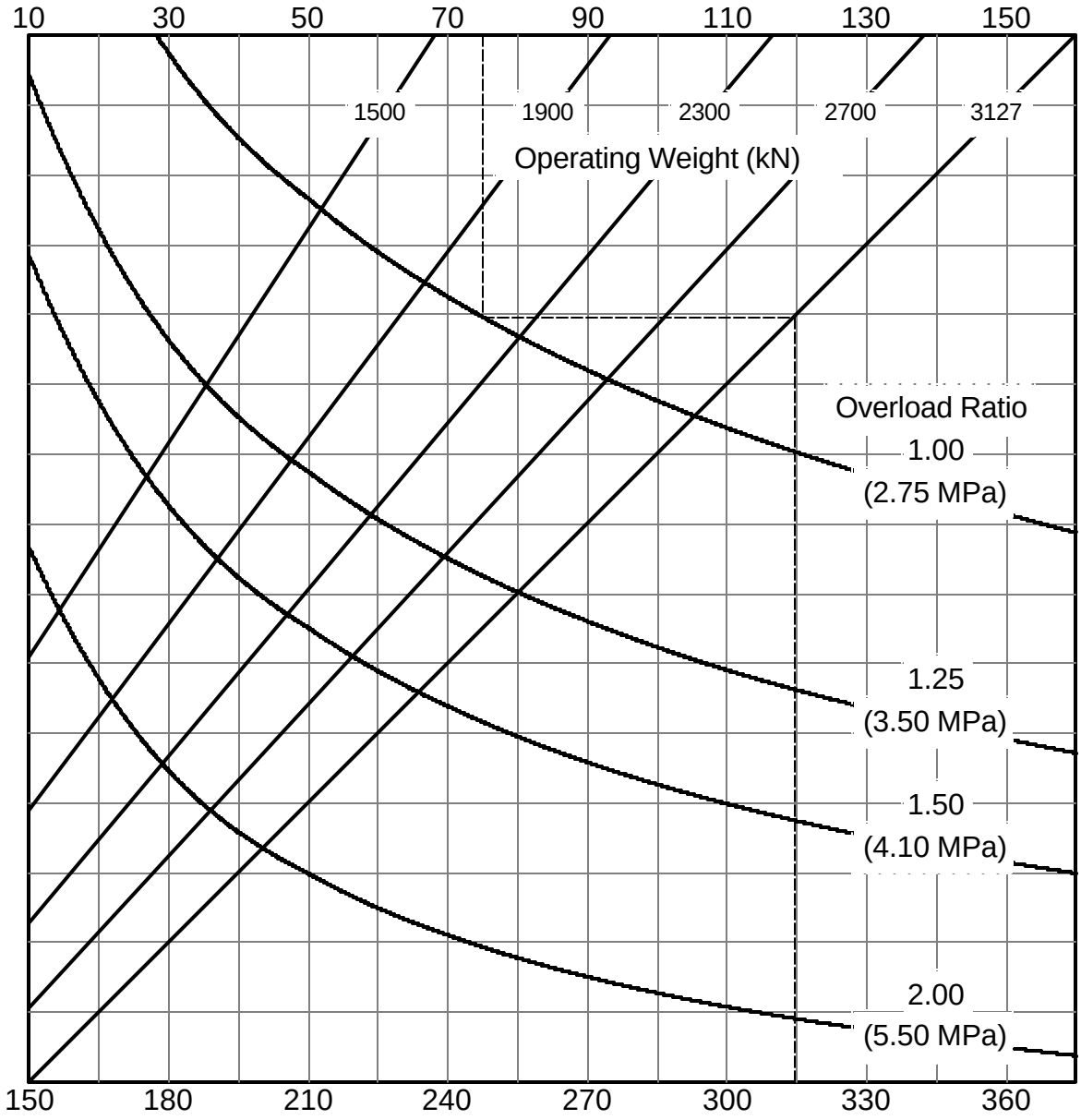
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



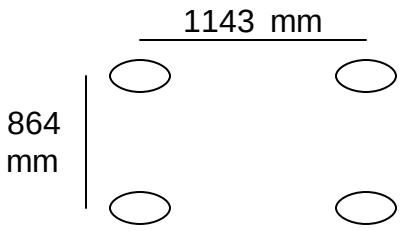
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B747-SP
% Load on Main Gear % Poids sur Atterrisseur Principal	23.8	1372 mm 1100 mm
Tire Pressure (MPa) Pression des Pneus	1.26	

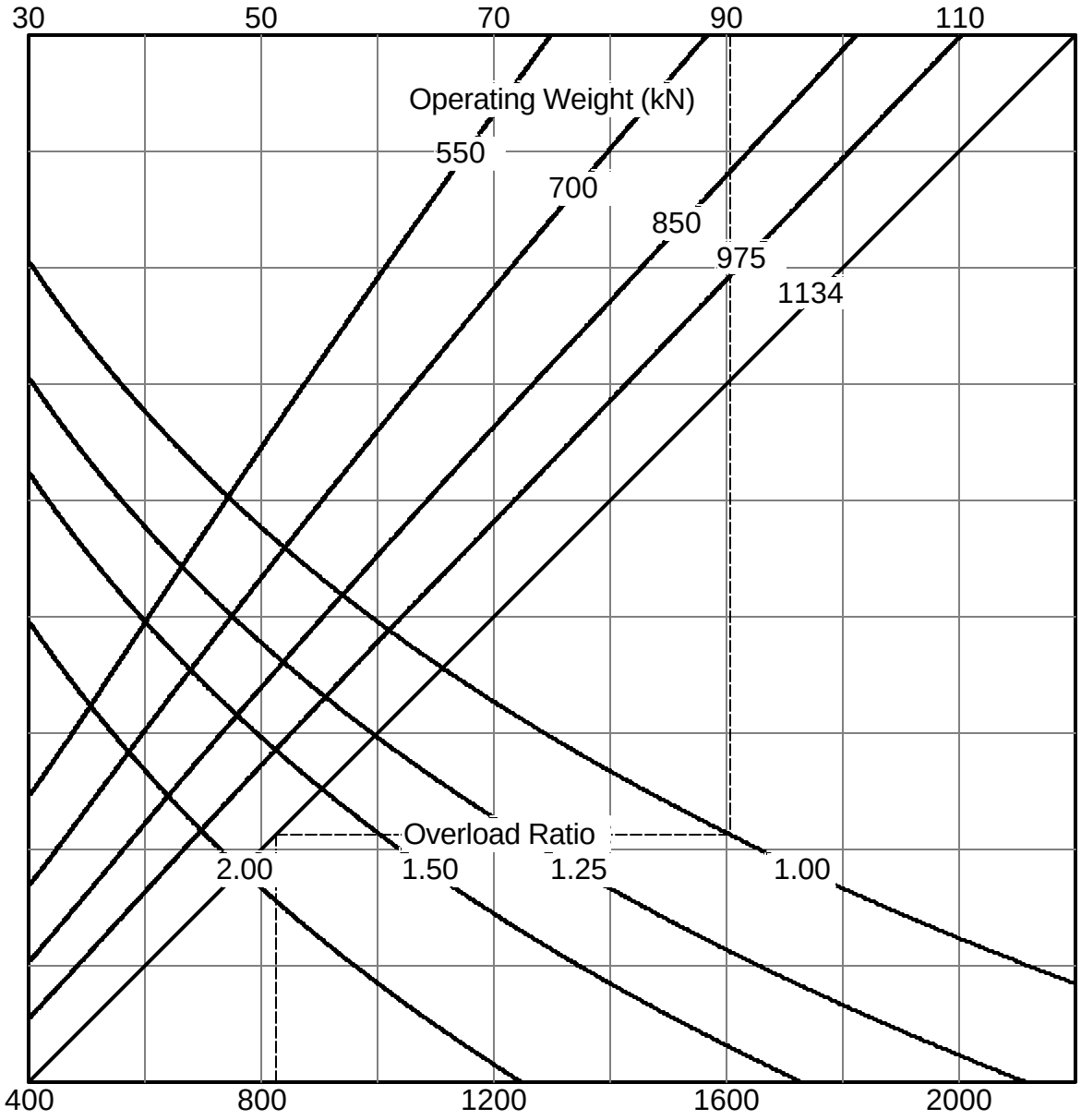
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



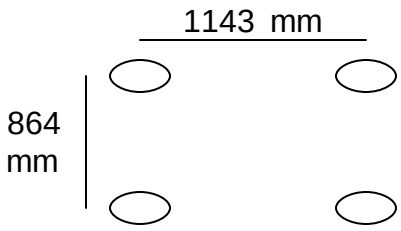
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B757-200 Series
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.24	

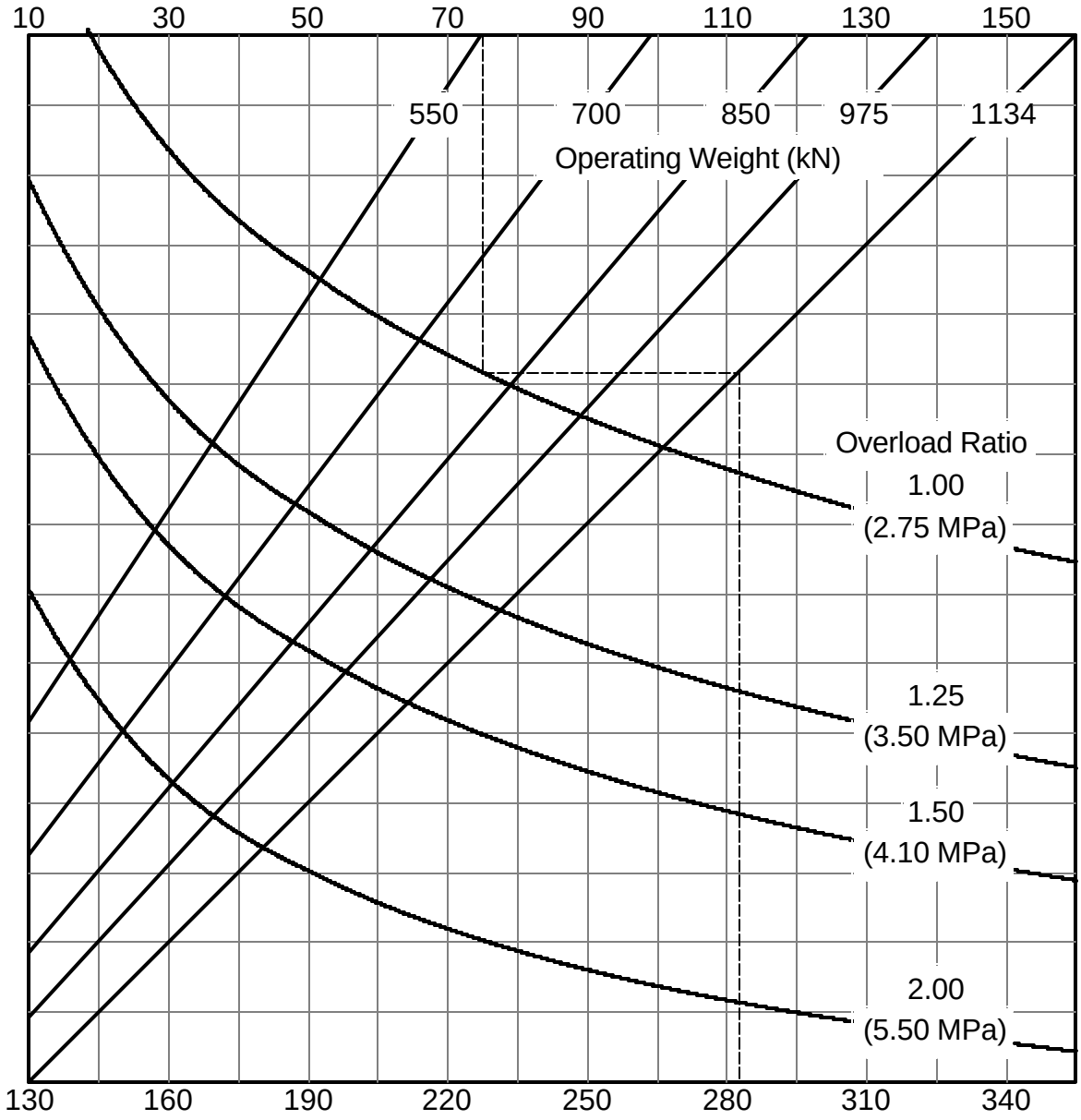
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B757-200 Series
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.24	

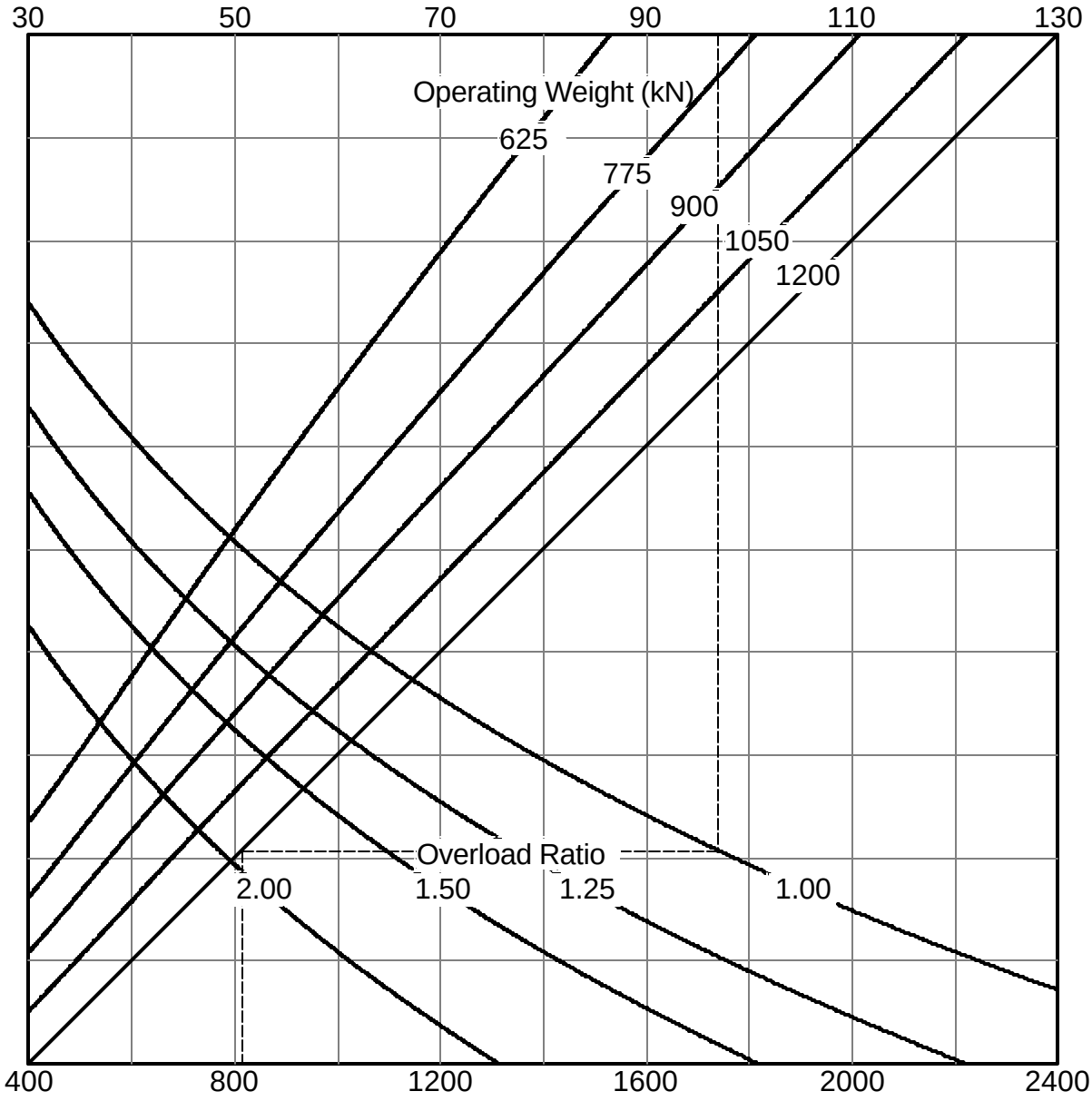
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



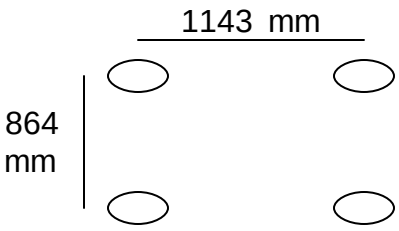
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B757-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1143 mm 864 mm
Tire Pressure (MPa) Pression des Pneus	1.24	

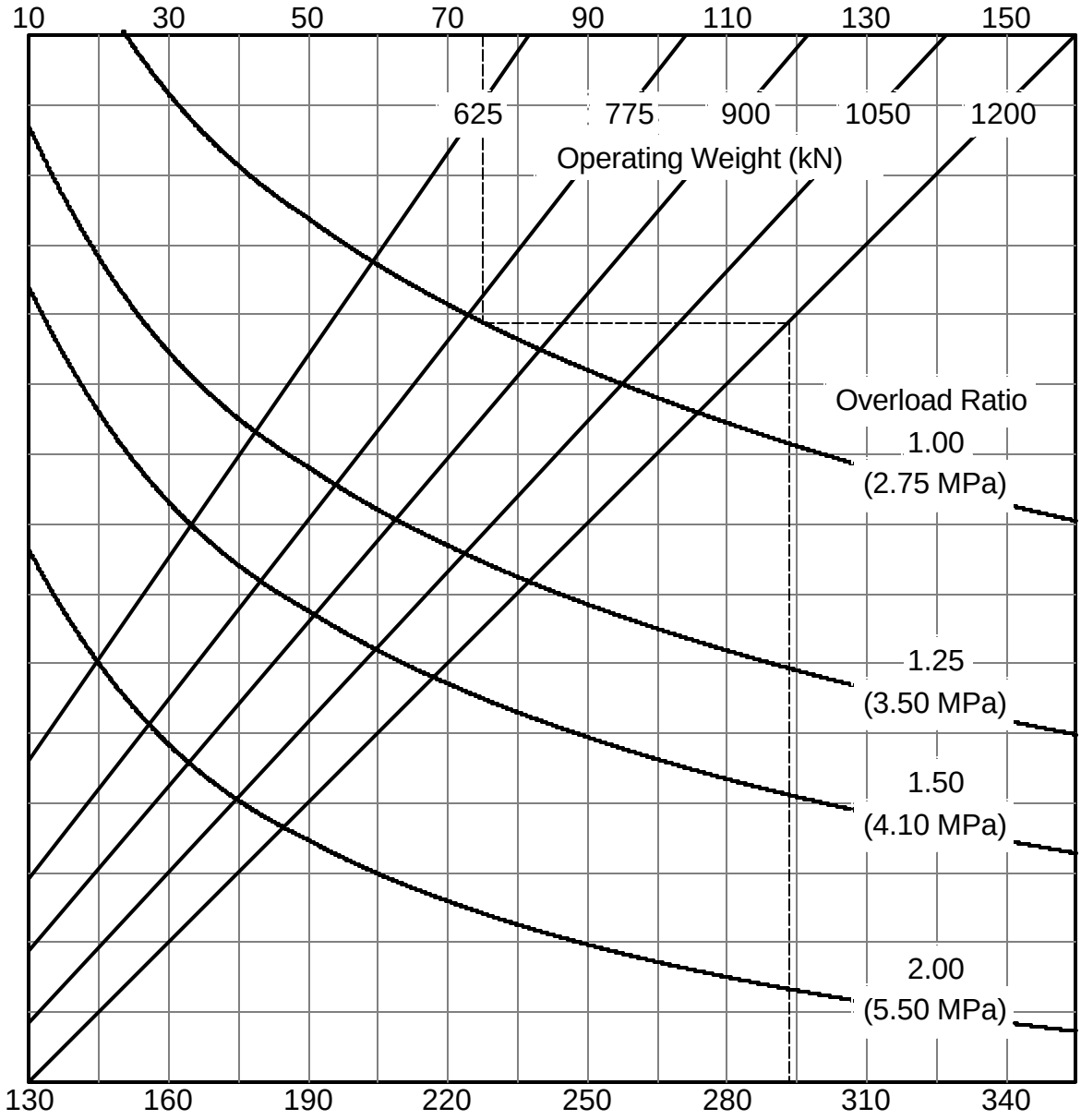
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B757-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.24	

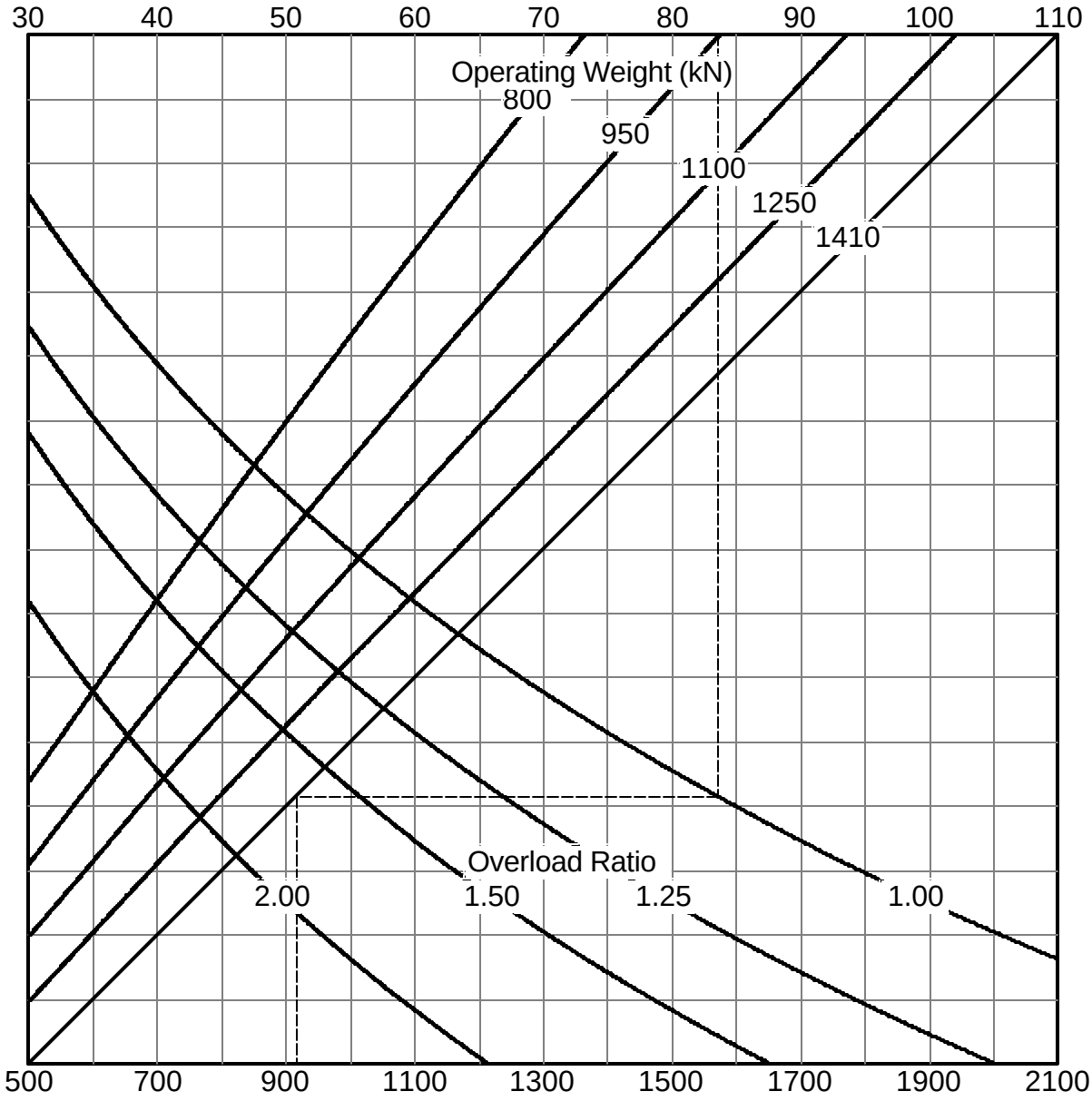
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B767-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1422 mm 1143 mm
Tire Pressure (MPa) Pression des Pneus	1.31	

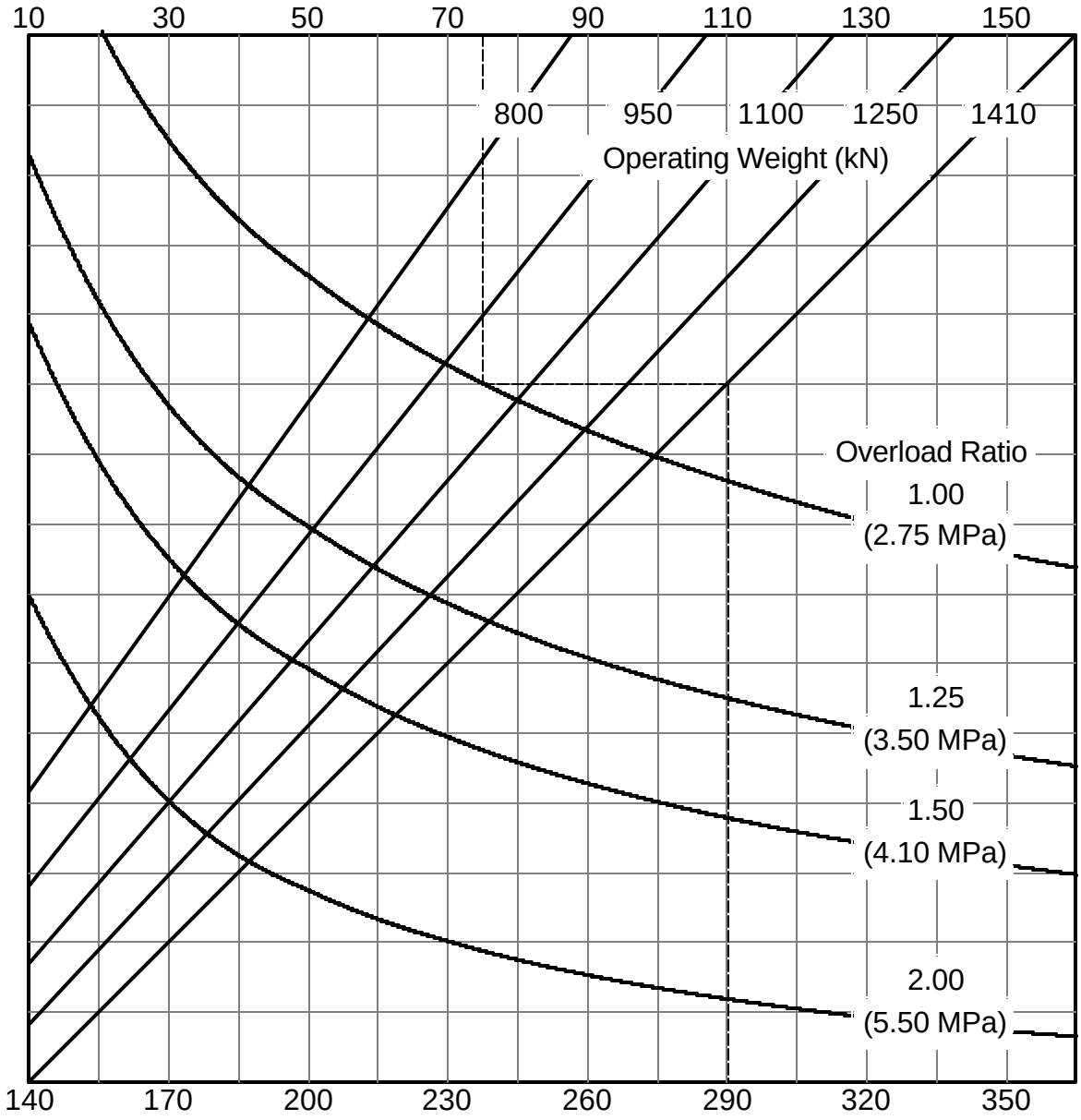
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



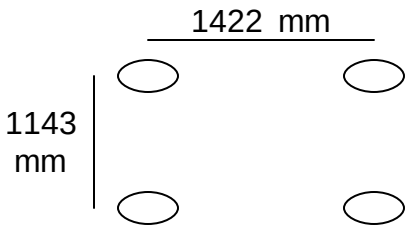
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B767-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1422 mm 1143 mm
Tire Pressure (MPa) Pression des Pneus	1.31	

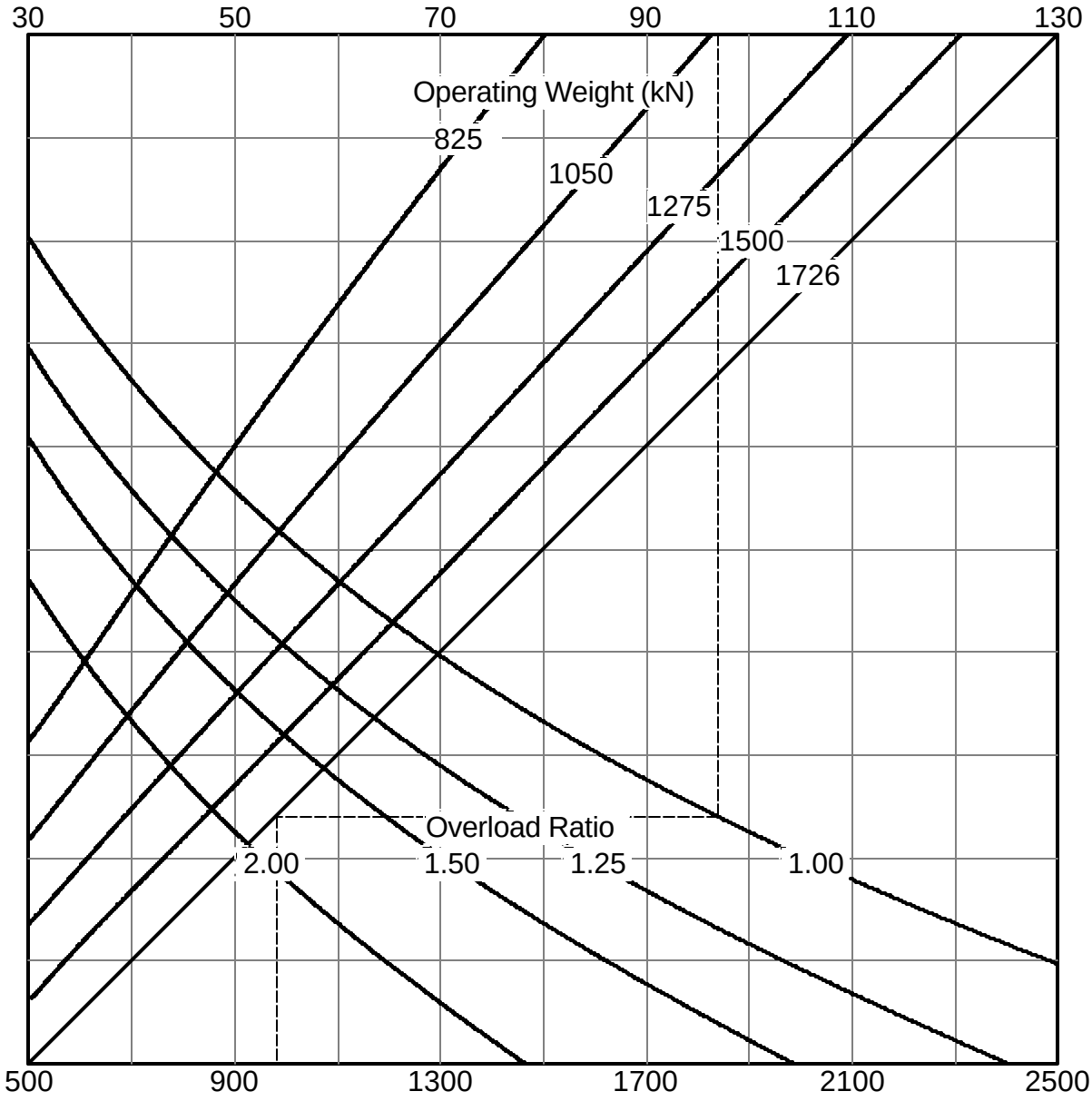
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B767-200 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.31	

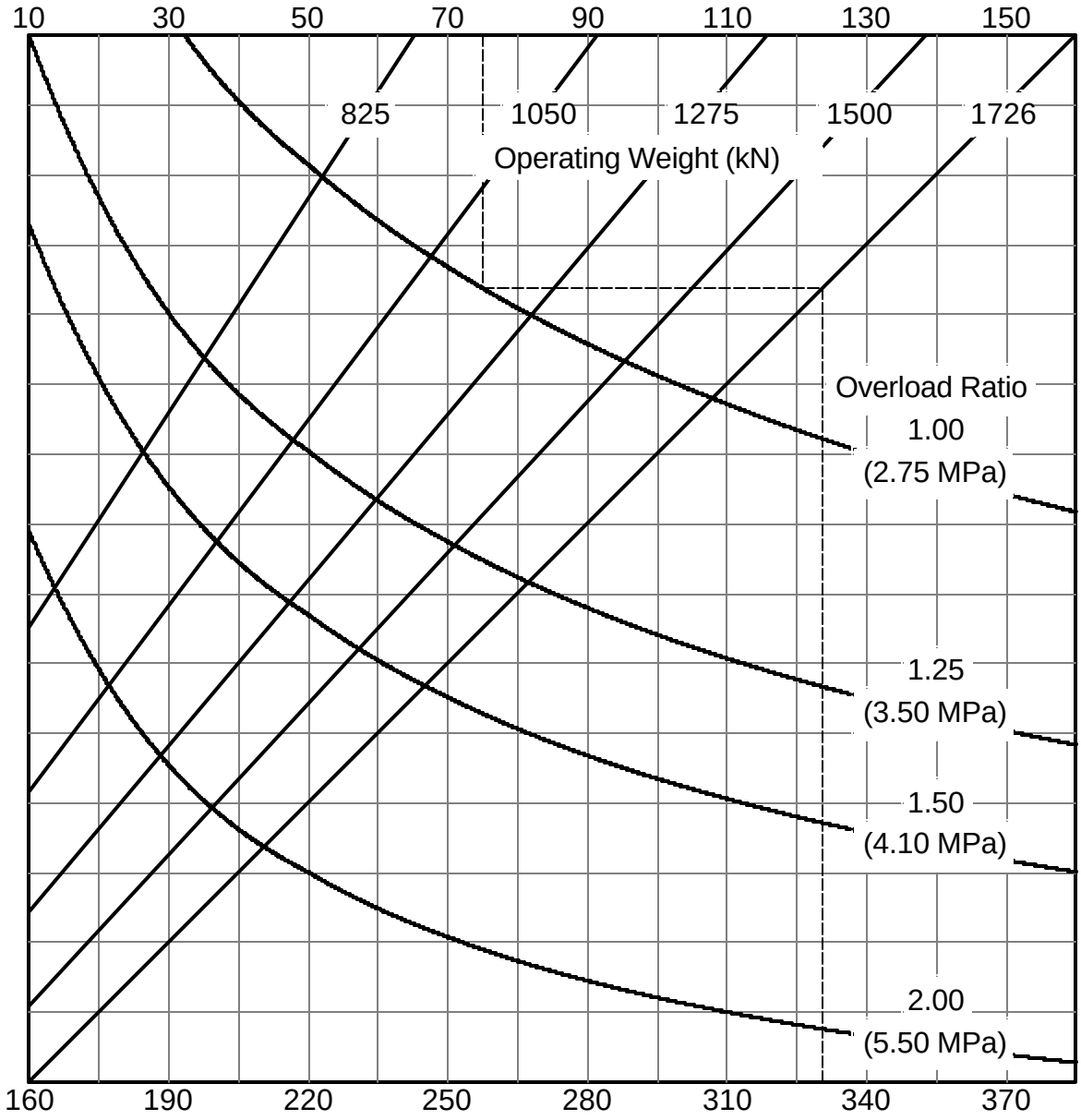
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



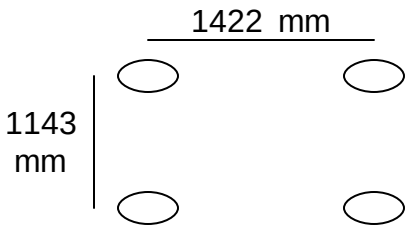
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B767-200 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1422 mm 1143 mm
Tire Pressure (MPa) Pression des Pneus	1.31	

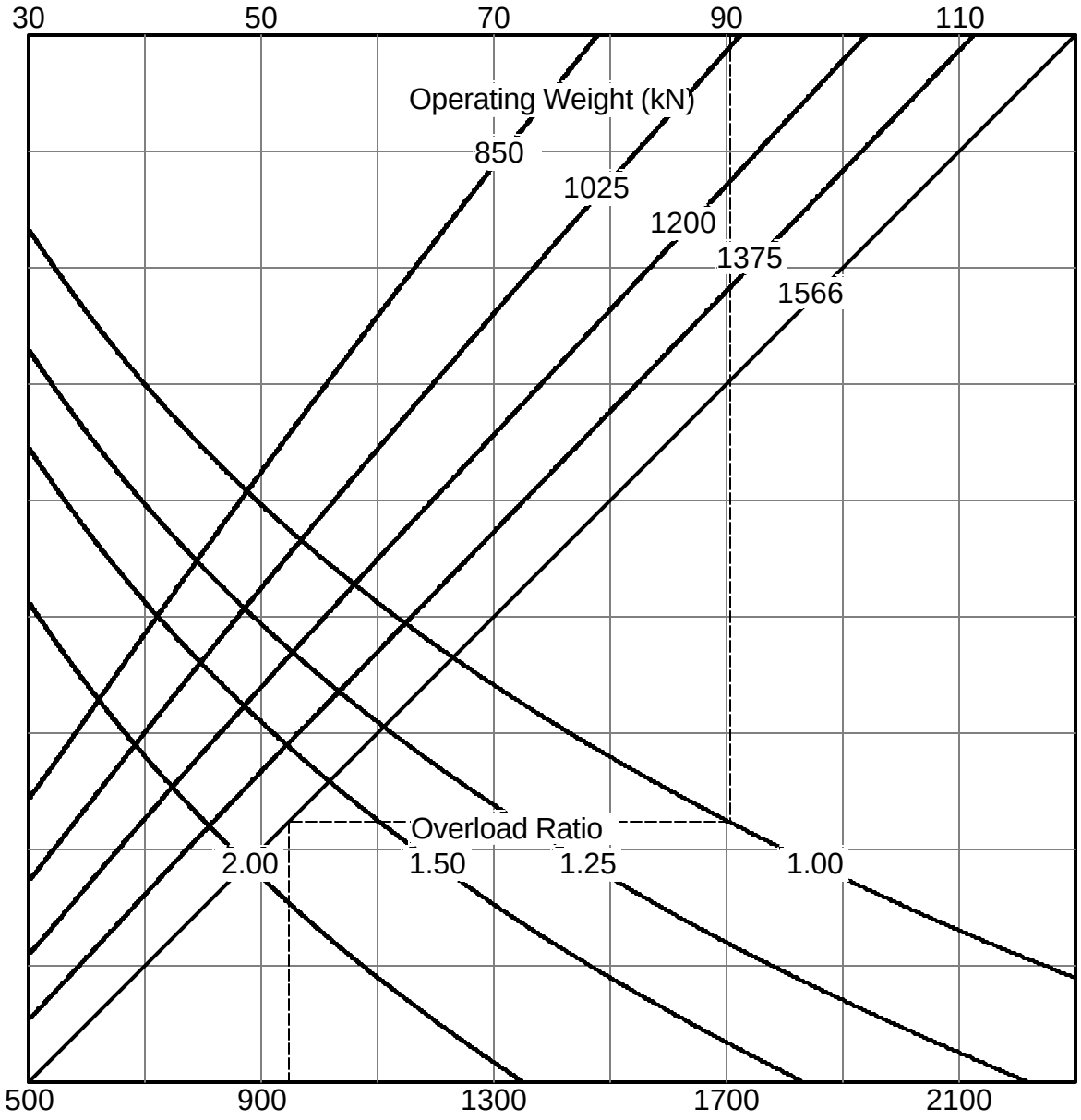
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B767-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.38	

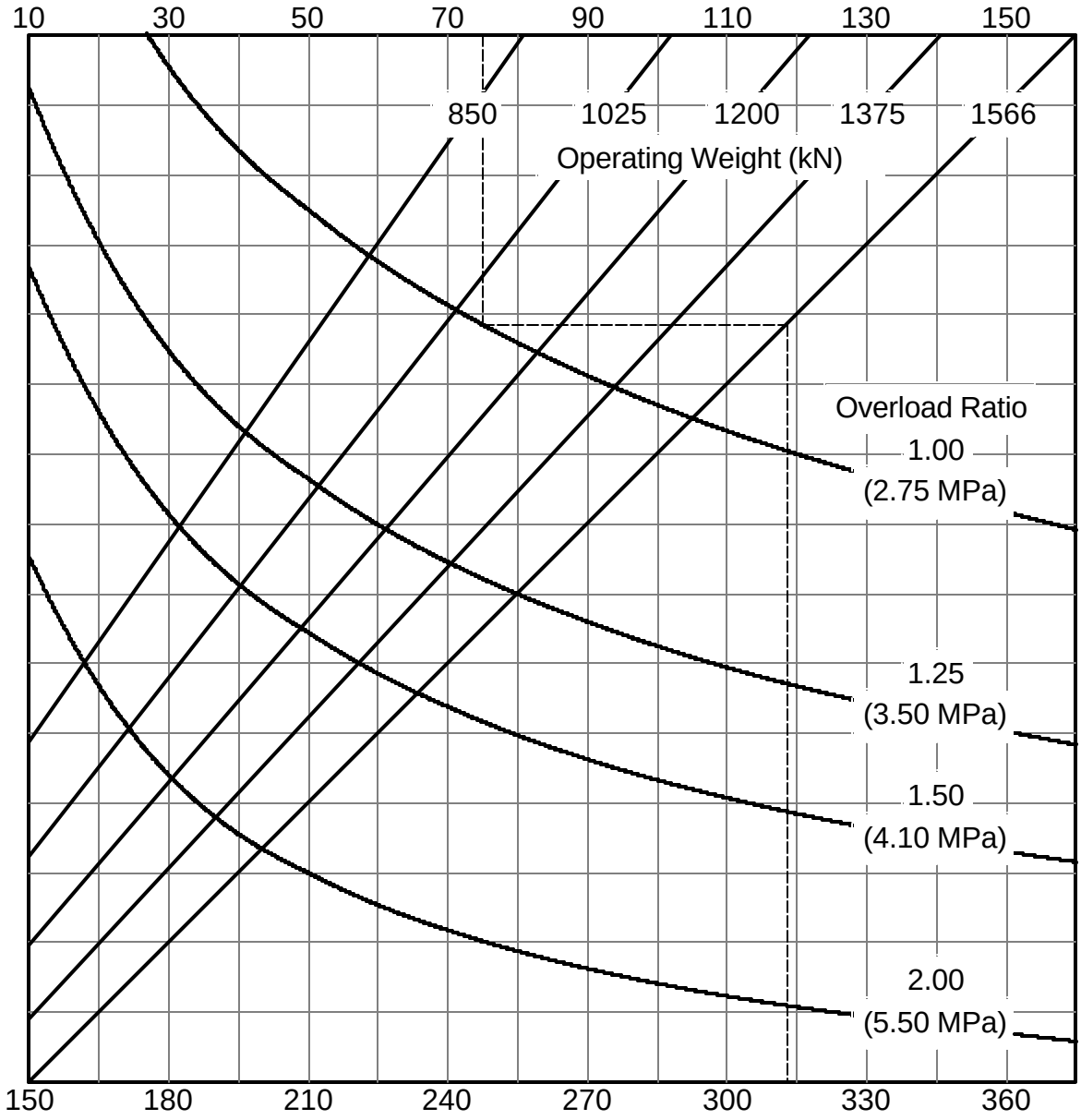
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B767-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1422 mm 1143 mm
Tire Pressure (MPa) Pression des Pneus	1.38	

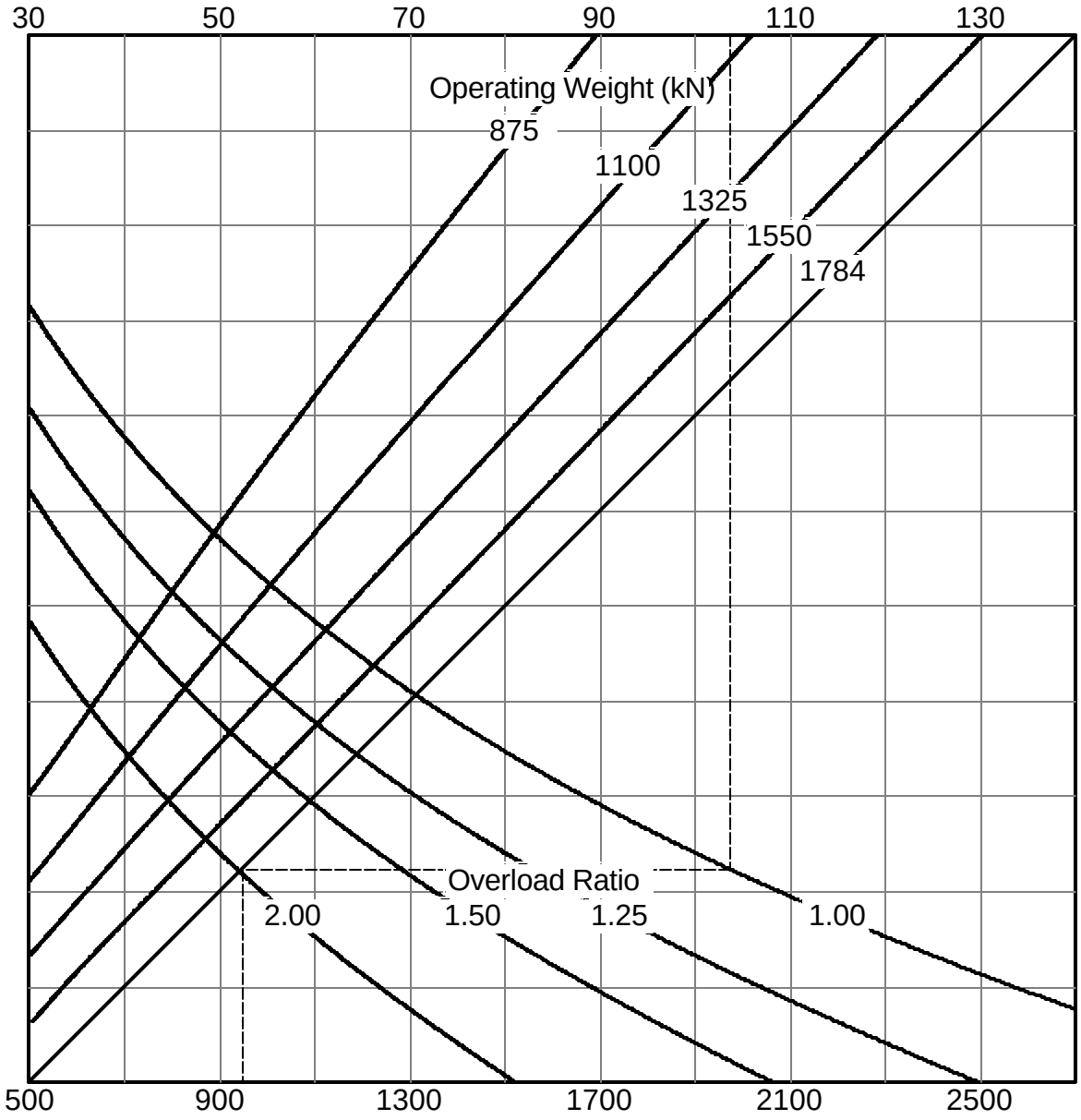
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B767-300 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1422 mm 1143 mm
Tire Pressure (MPa) Pression des Pneus	1.38	

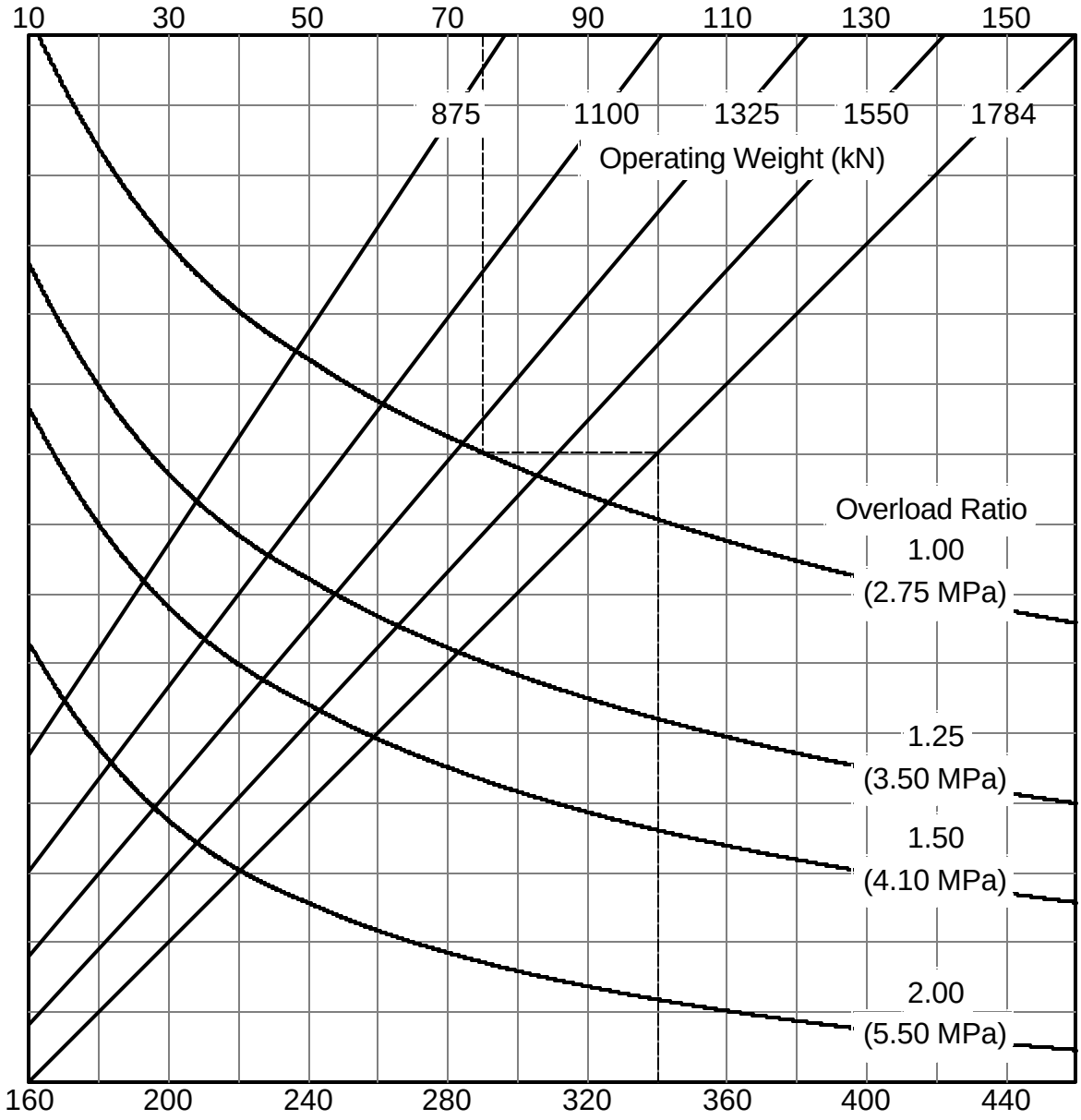
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B767-300 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	1422 mm 1143 mm
Tire Pressure (MPa) Pression des Pneus	1.38	

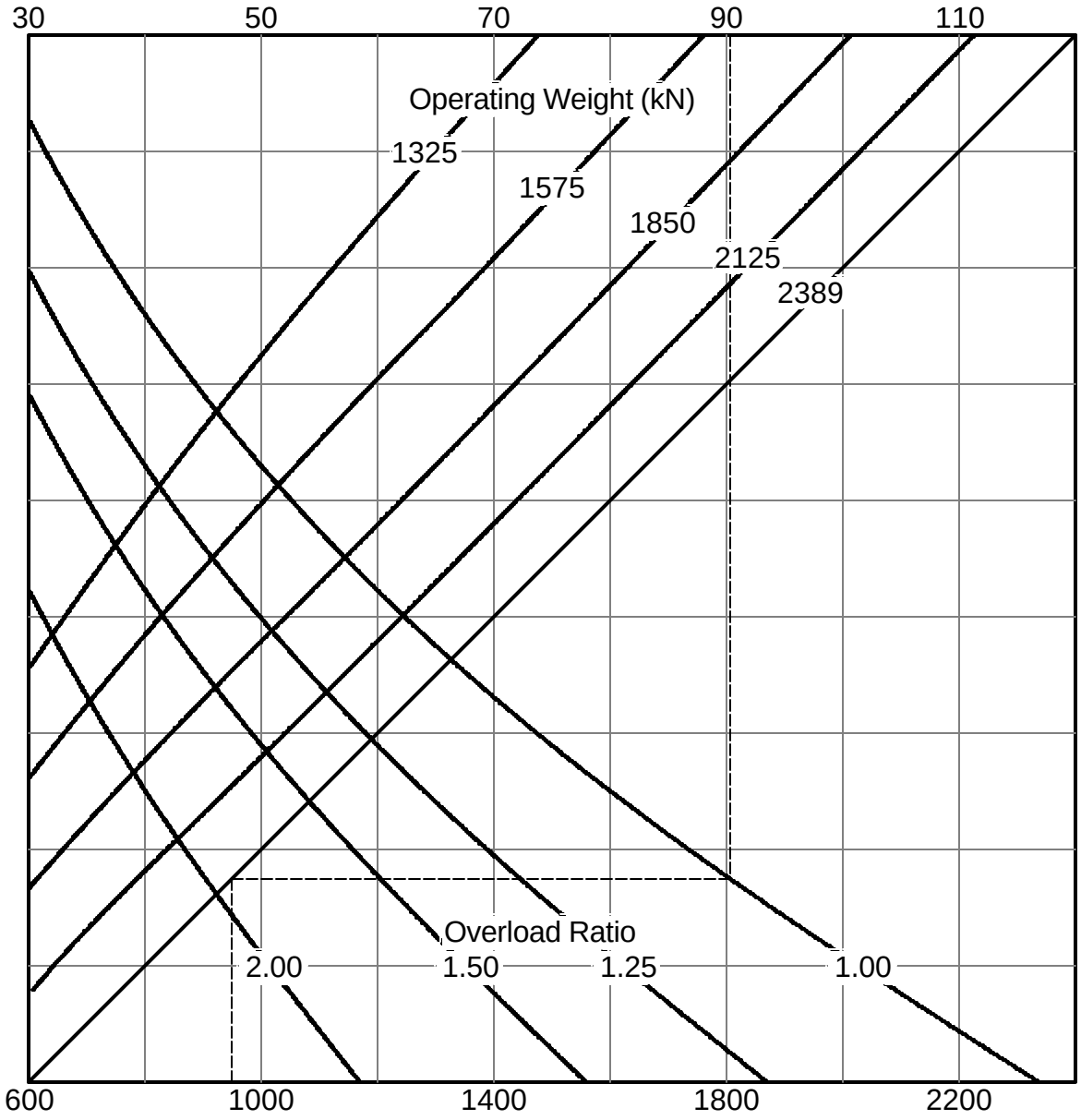
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



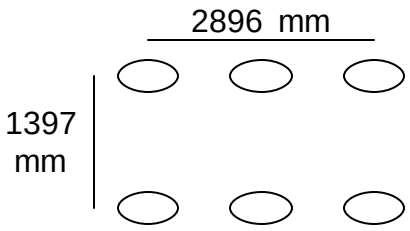
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B777-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.7	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.28	

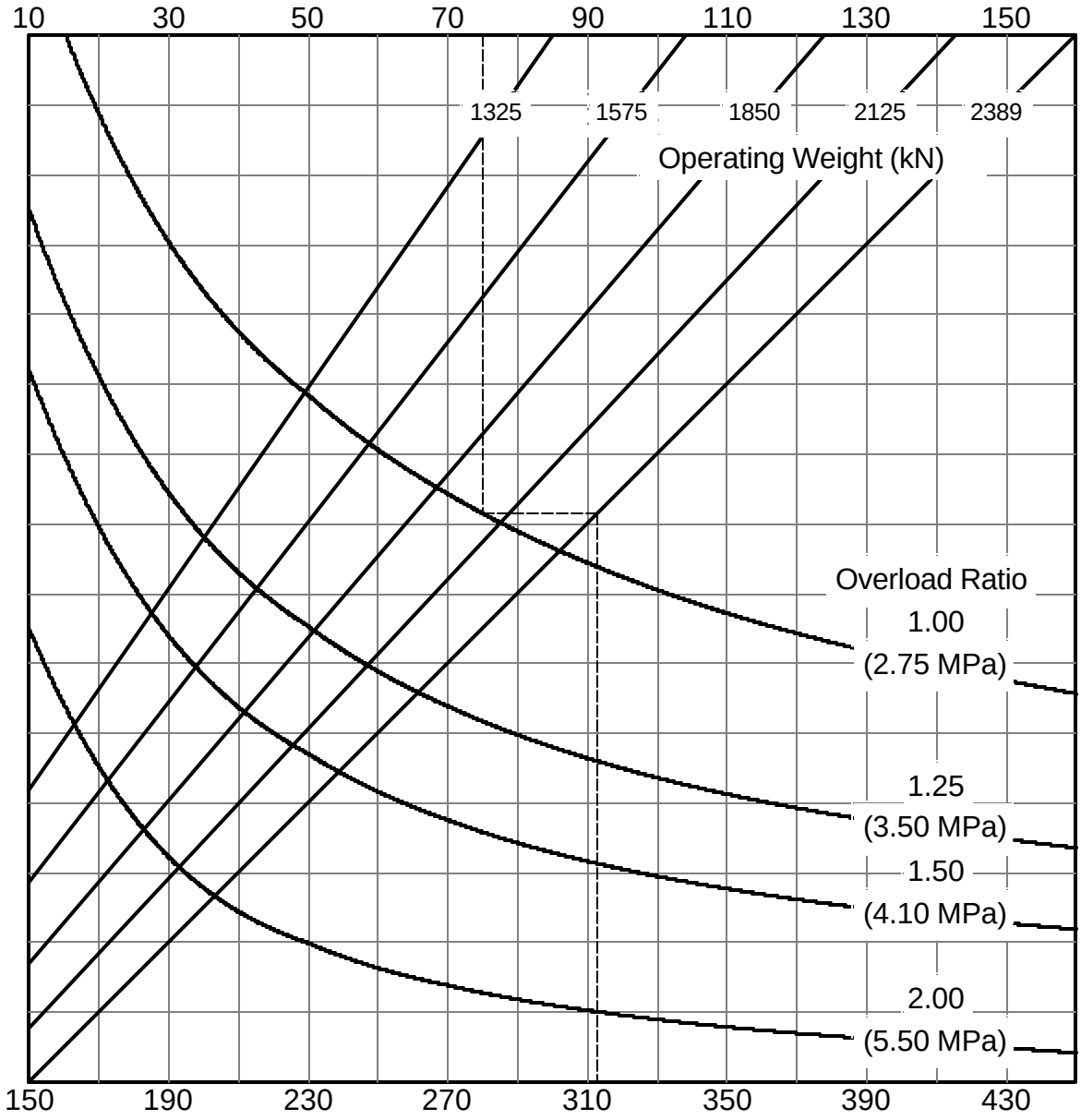
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B777-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.7	
Tire Pressure (MPa) Pression des Pneus	1.28	

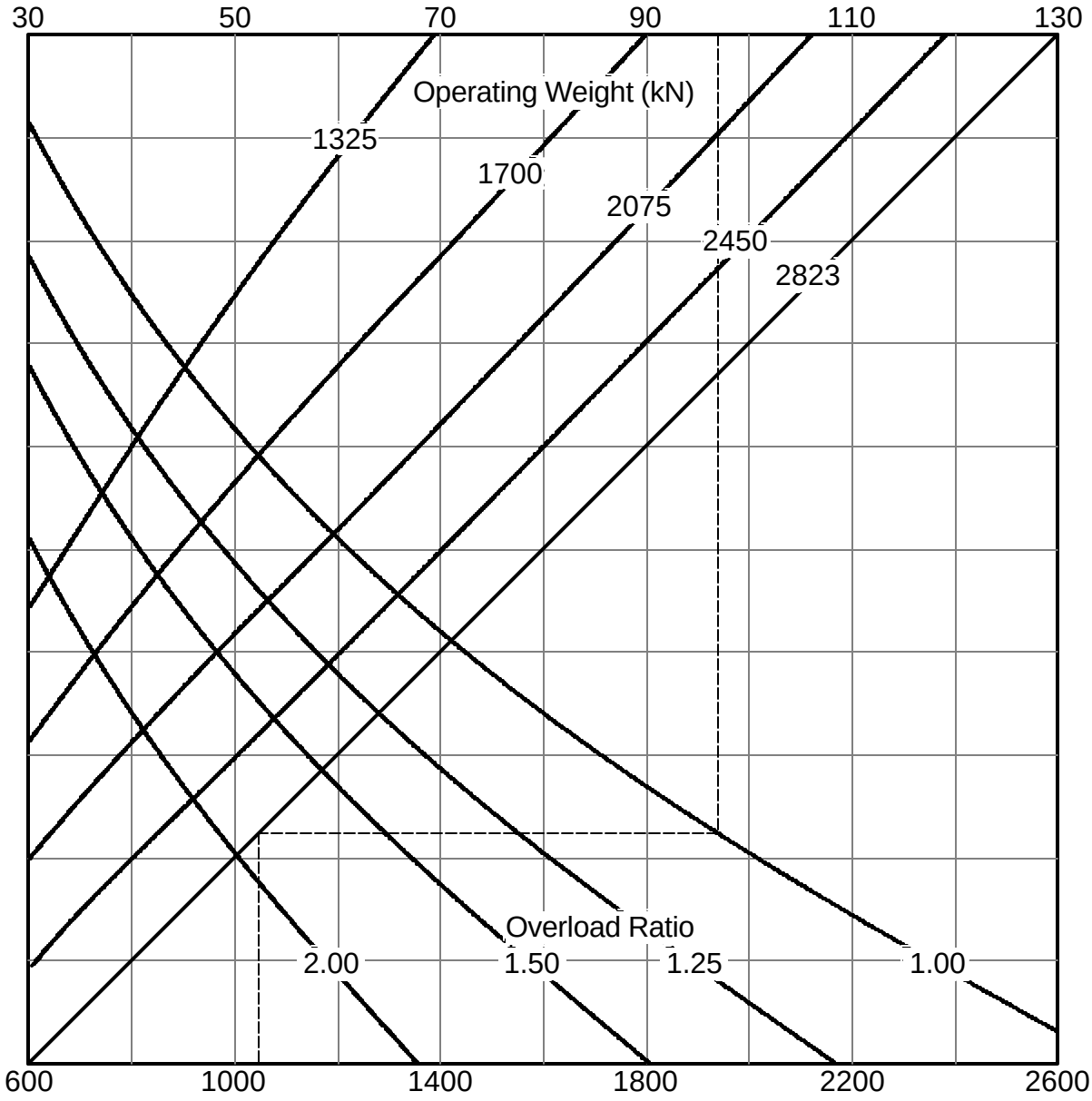
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



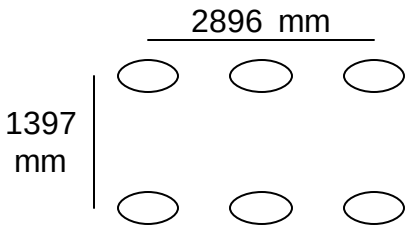
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B777-200 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	46.9	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.48	

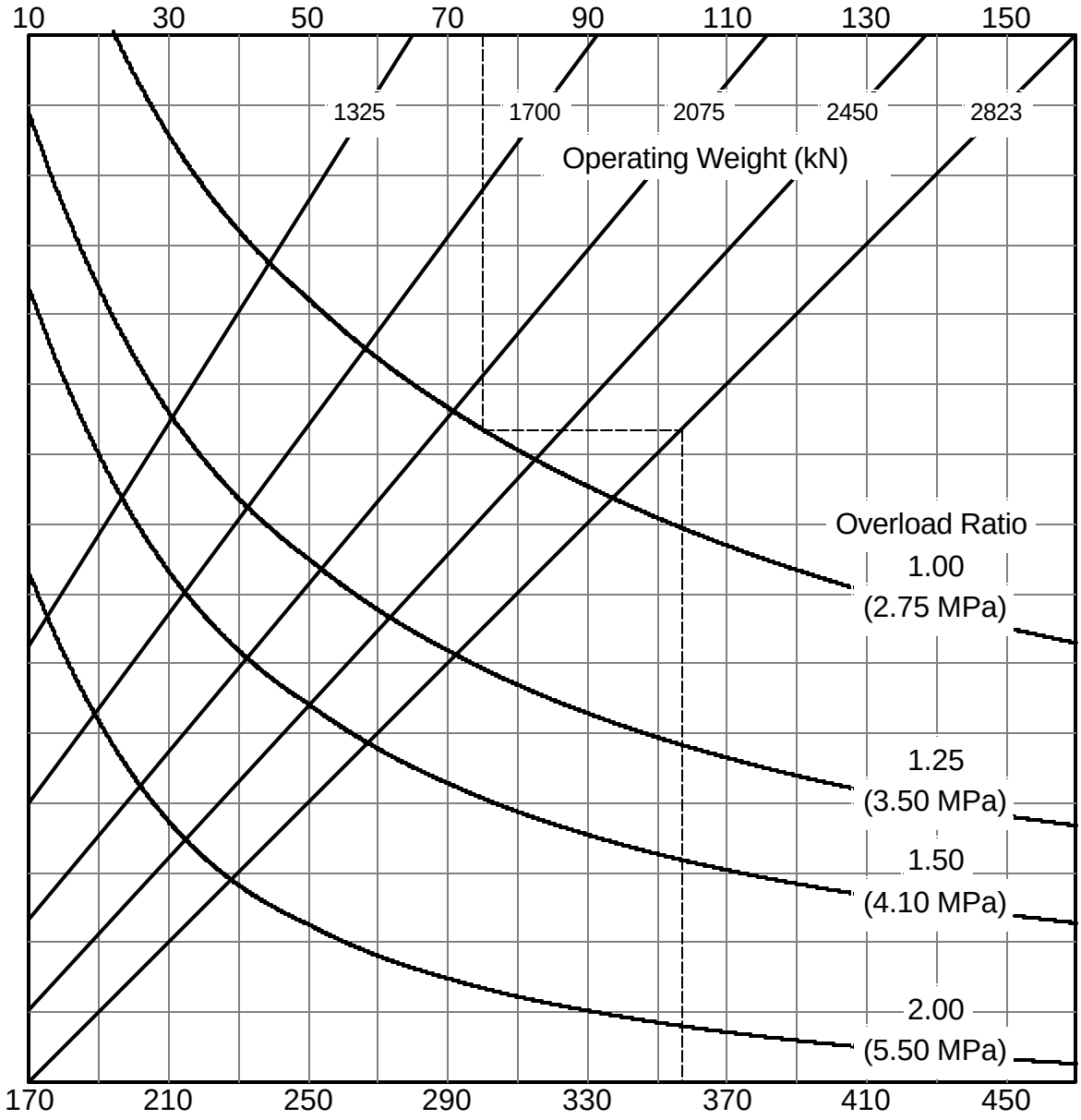
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B777-200 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	46.9	
Tire Pressure (MPa) Pression des Pneus	1.48	

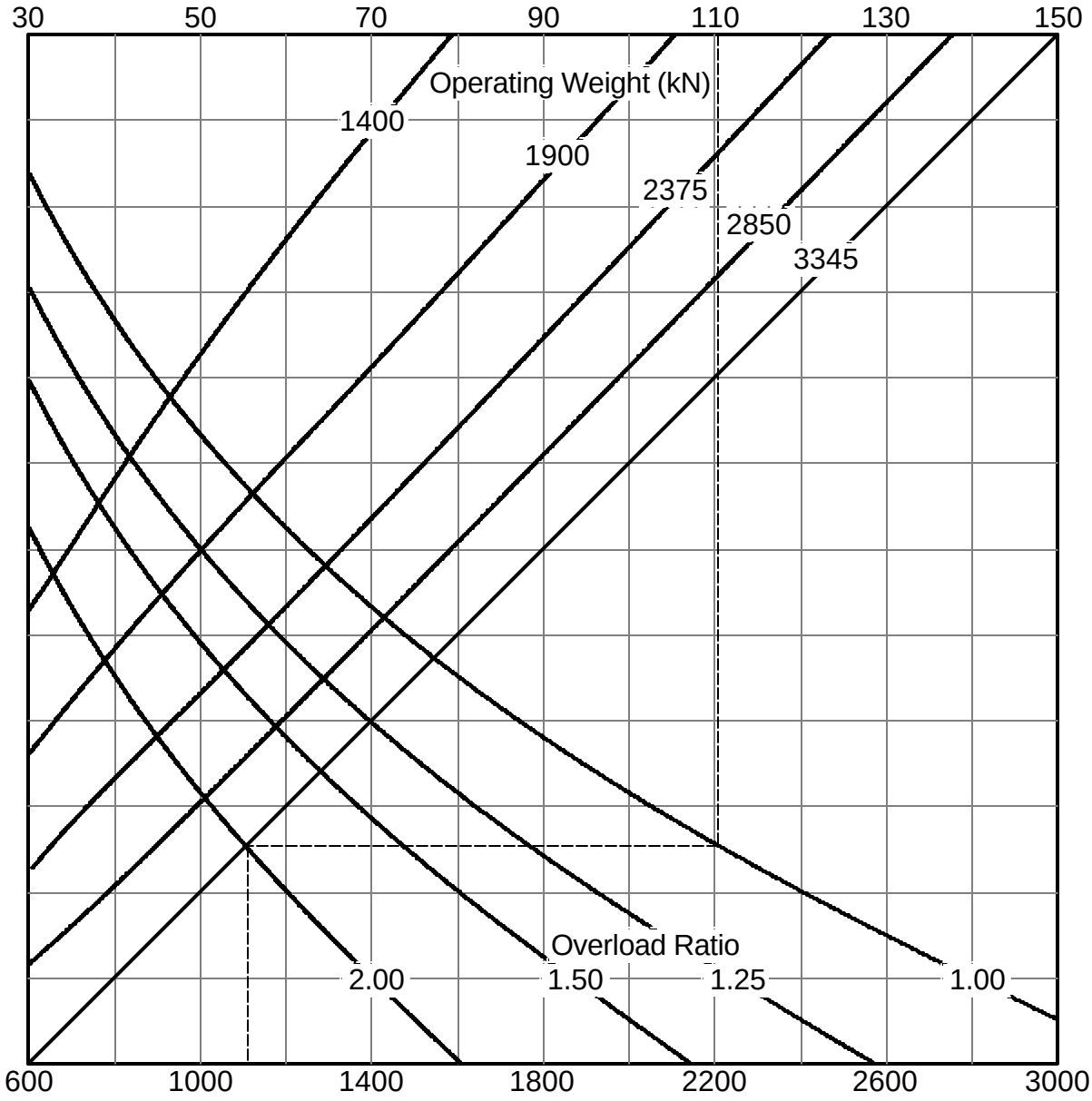
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B777-200 LR
% Load on Main Gear % Poids sur Atterrisseur Principal	46.9	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.50	

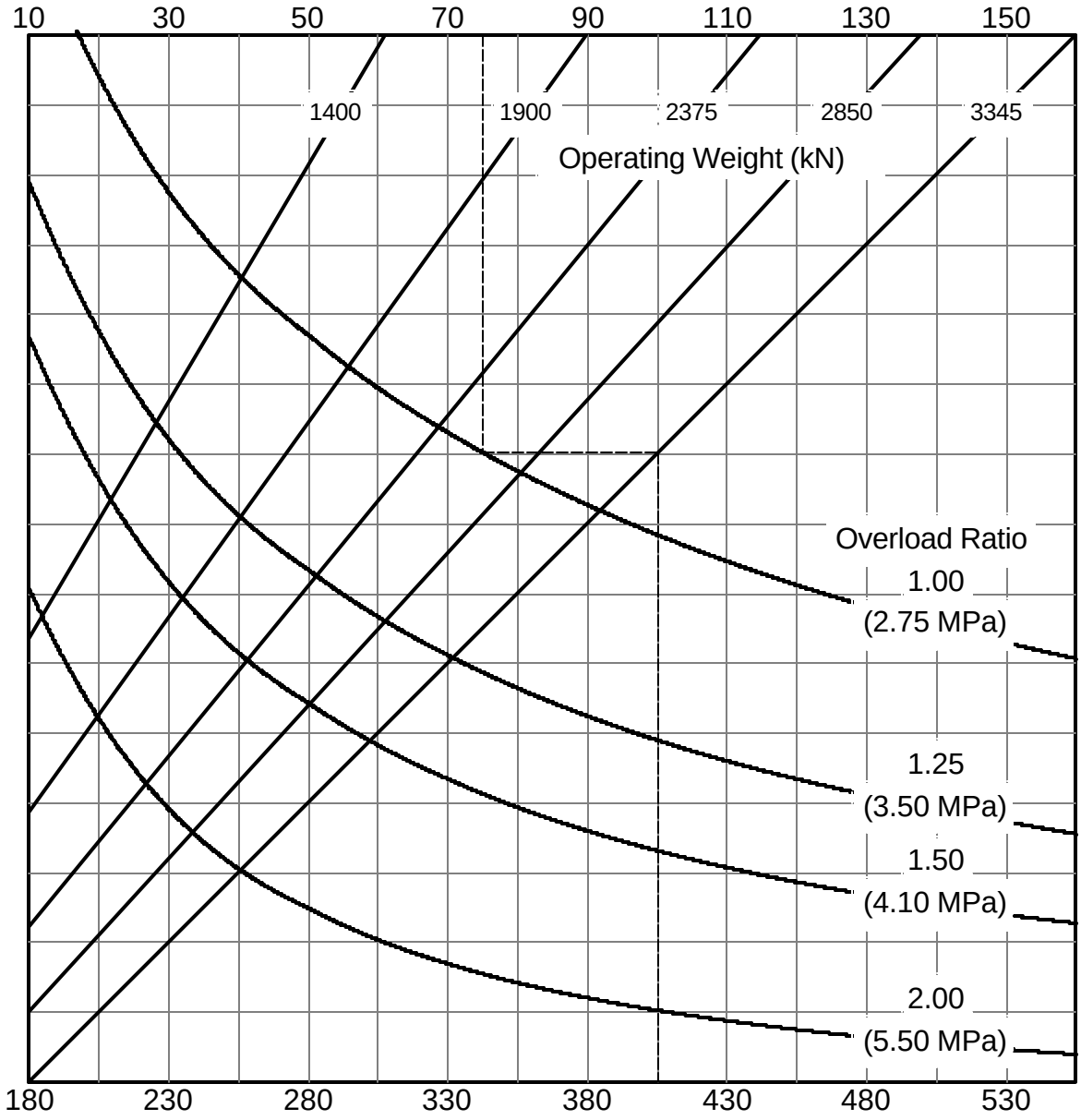
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B777-200 LR
% Load on Main Gear % Poids sur Atterrisseur Principal	46.9	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.50	

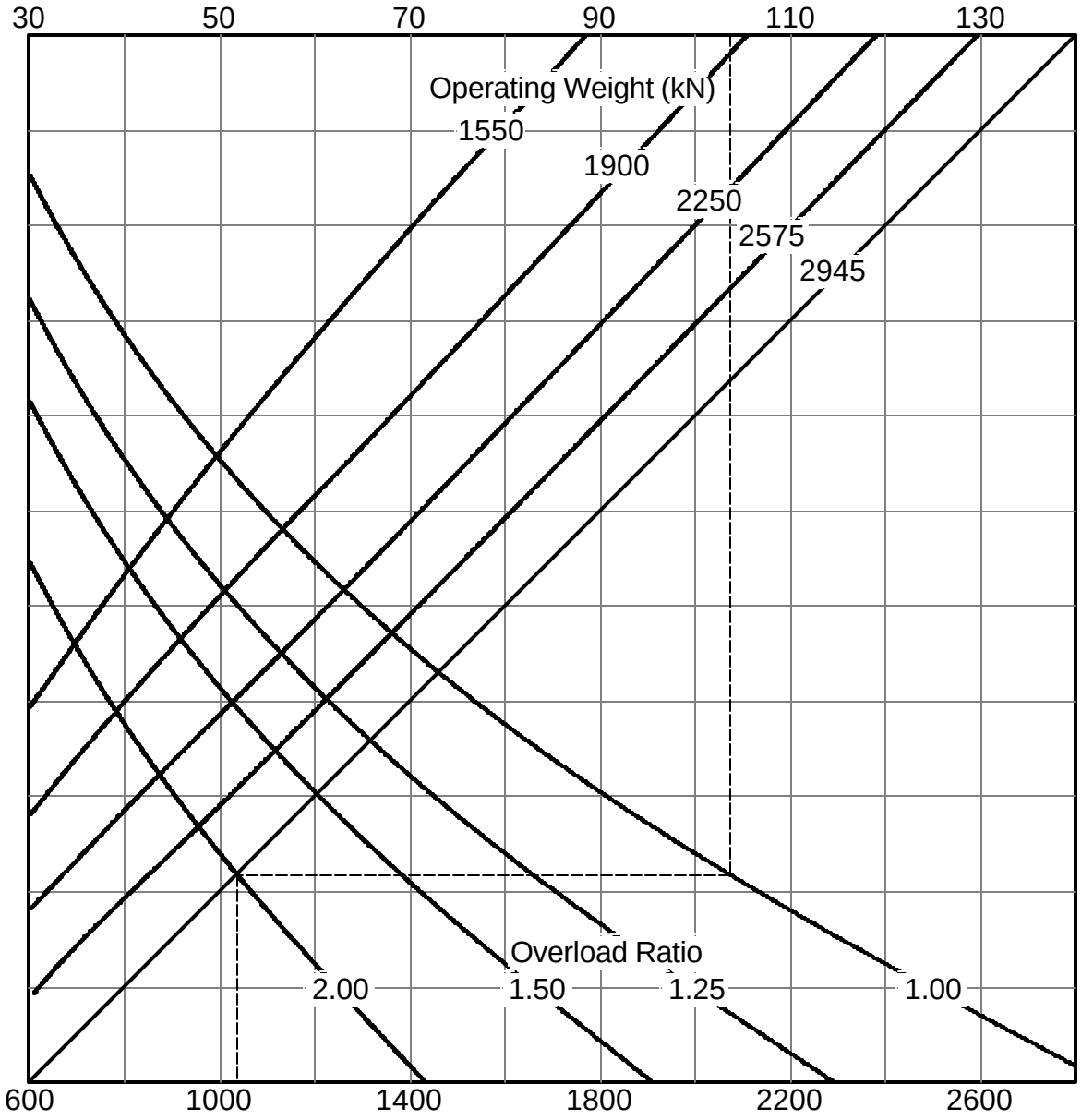
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B777-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.4	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.48	

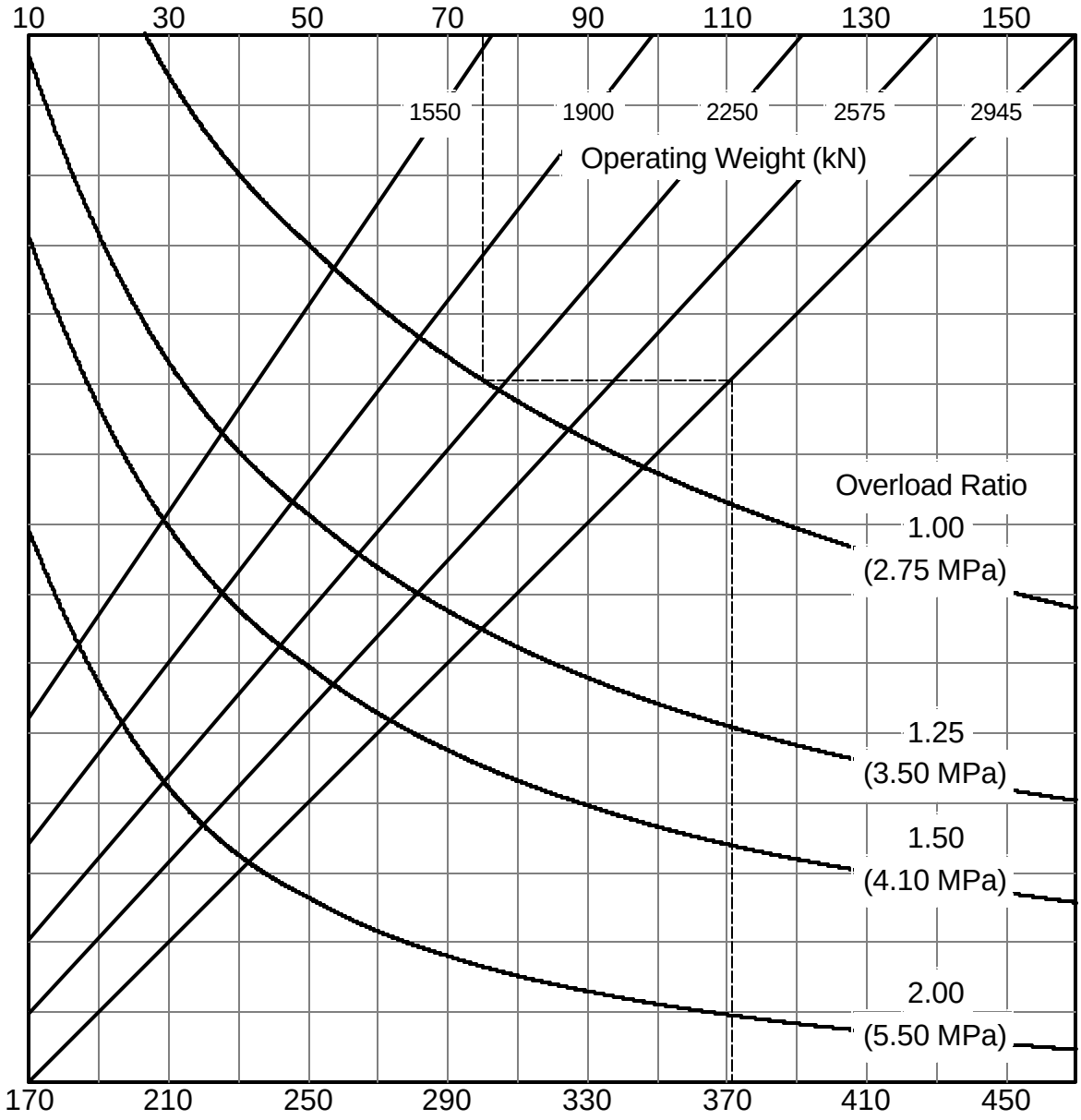
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

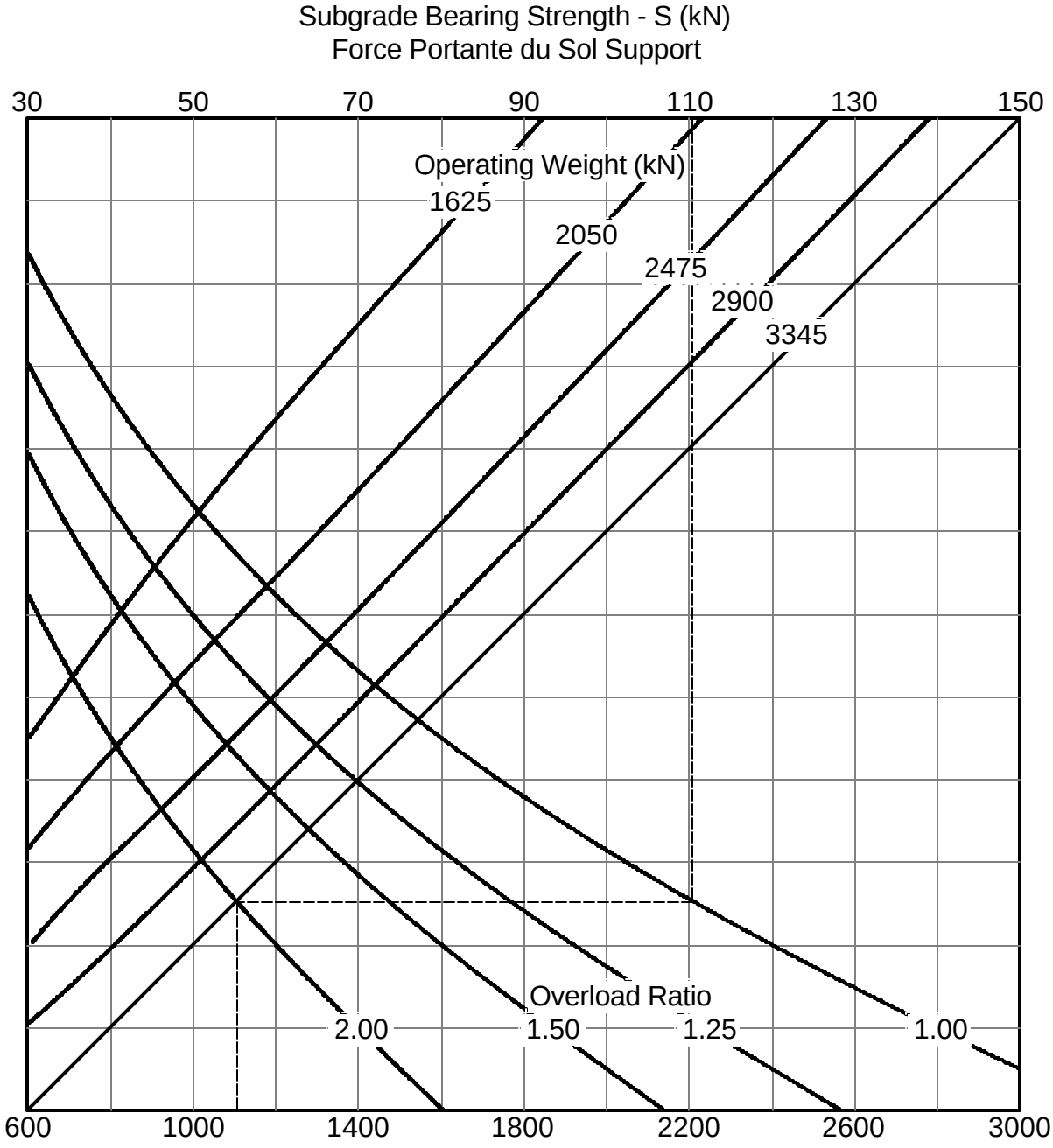
Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B777-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.4	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.48	

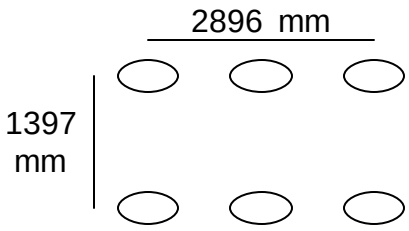
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



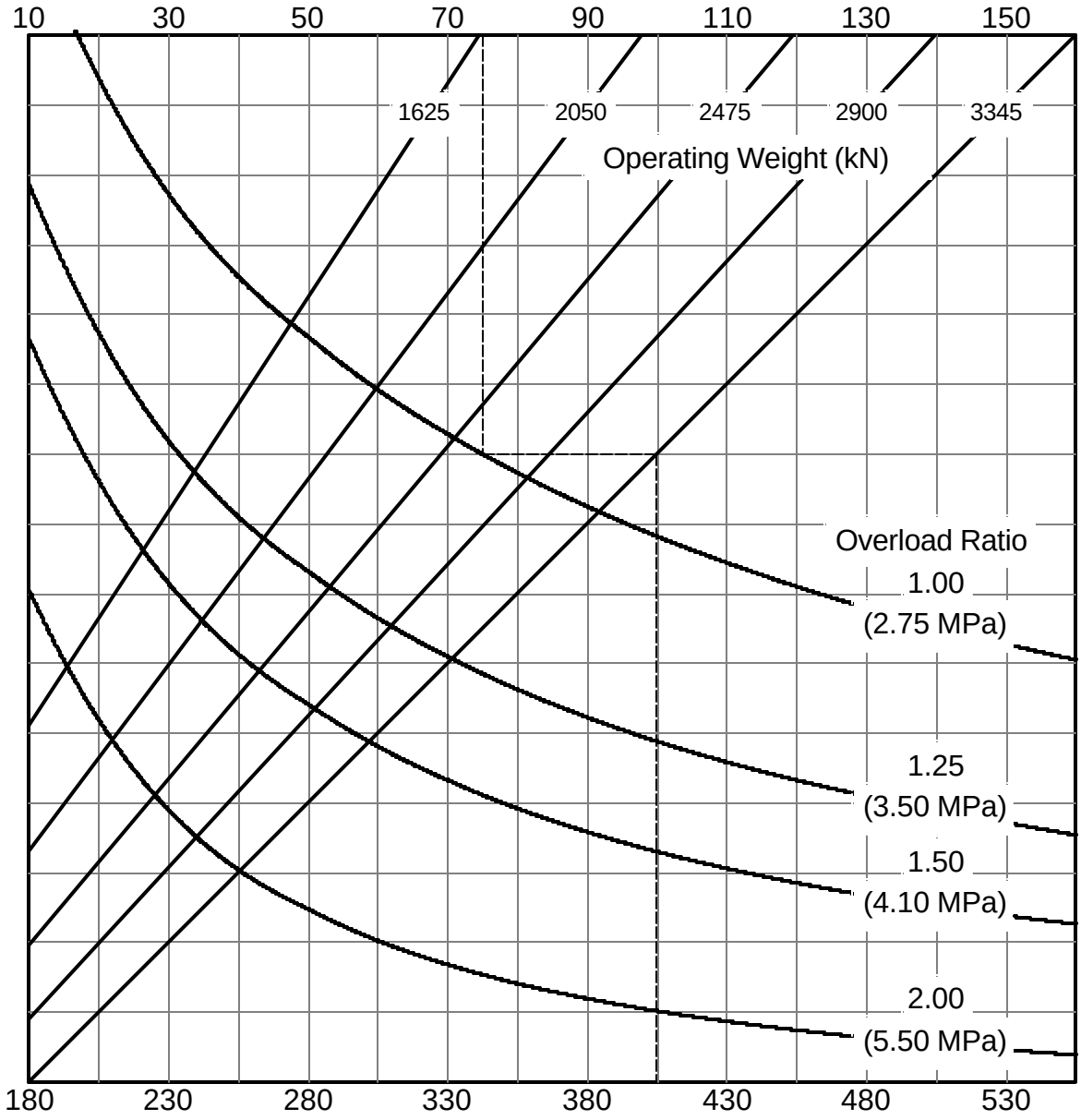
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		B777-300 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	46.8	2896 mm 1397 mm
Tire Pressure (MPa) Pression des Pneus	1.50	



Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		B777-300 ER
% Load on Main Gear % Poids sur Atterrisseur Principal	46.8	
Tire Pressure (MPa) Pression des Pneus	1.50	

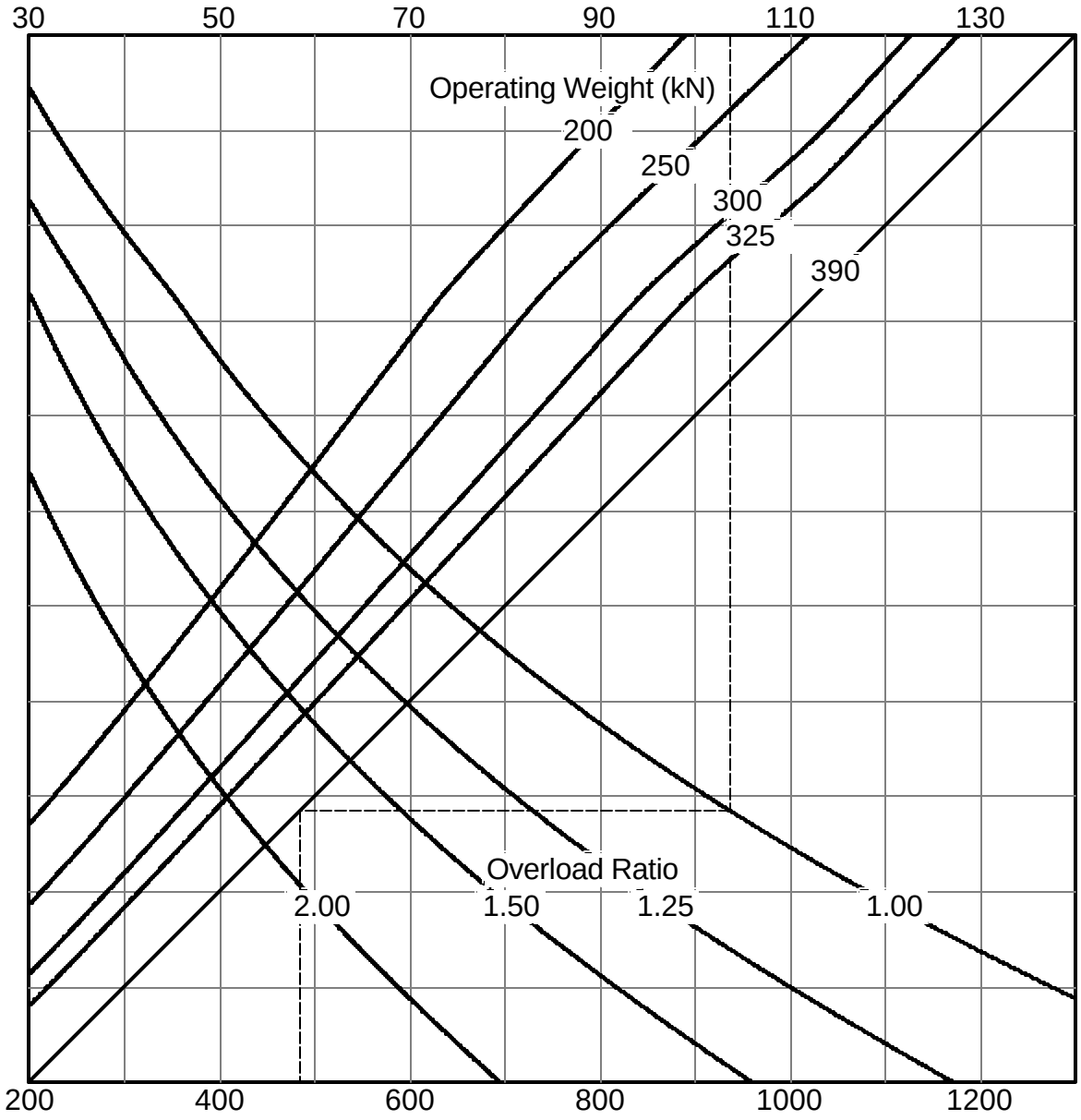
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAC-111 Series 400
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	518 mm
Tire Pressure (MPa) Pression des Pneus	0.97	

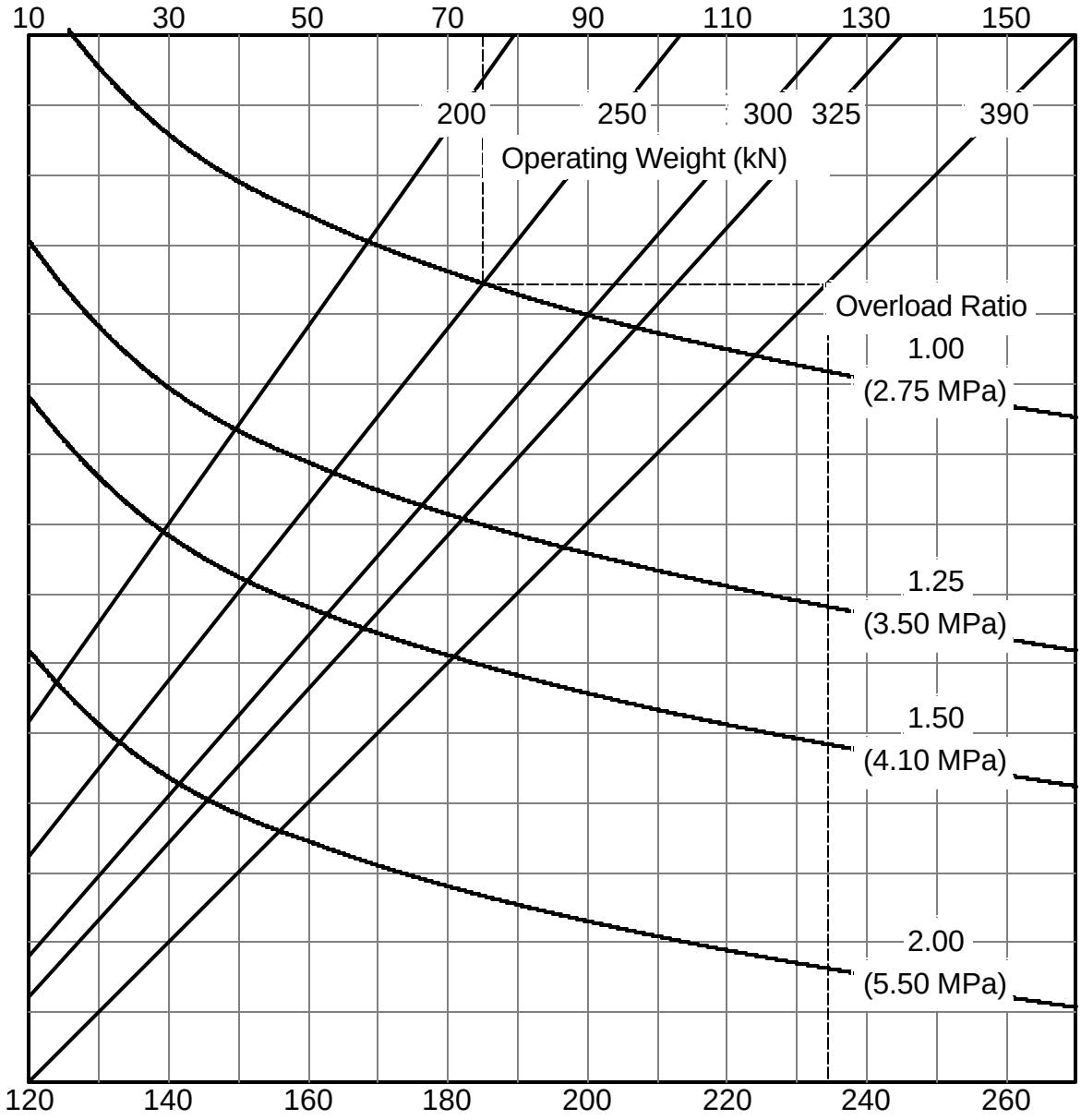
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

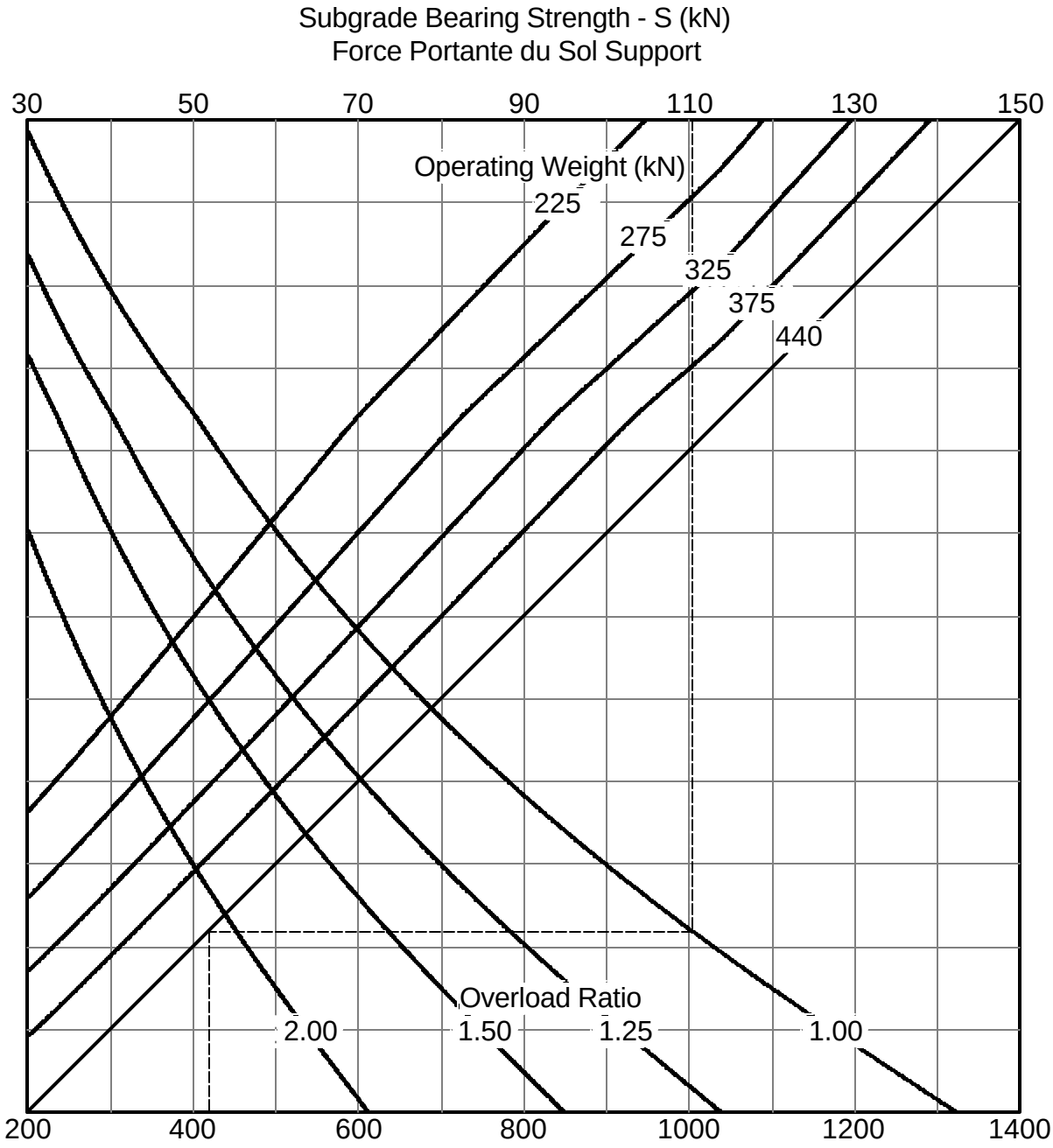
Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAC-111 Series 400
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	518 mm
Tire Pressure (MPa) Pression des Pneus	0.97	

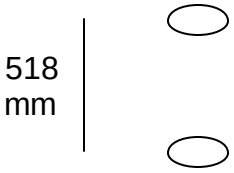
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



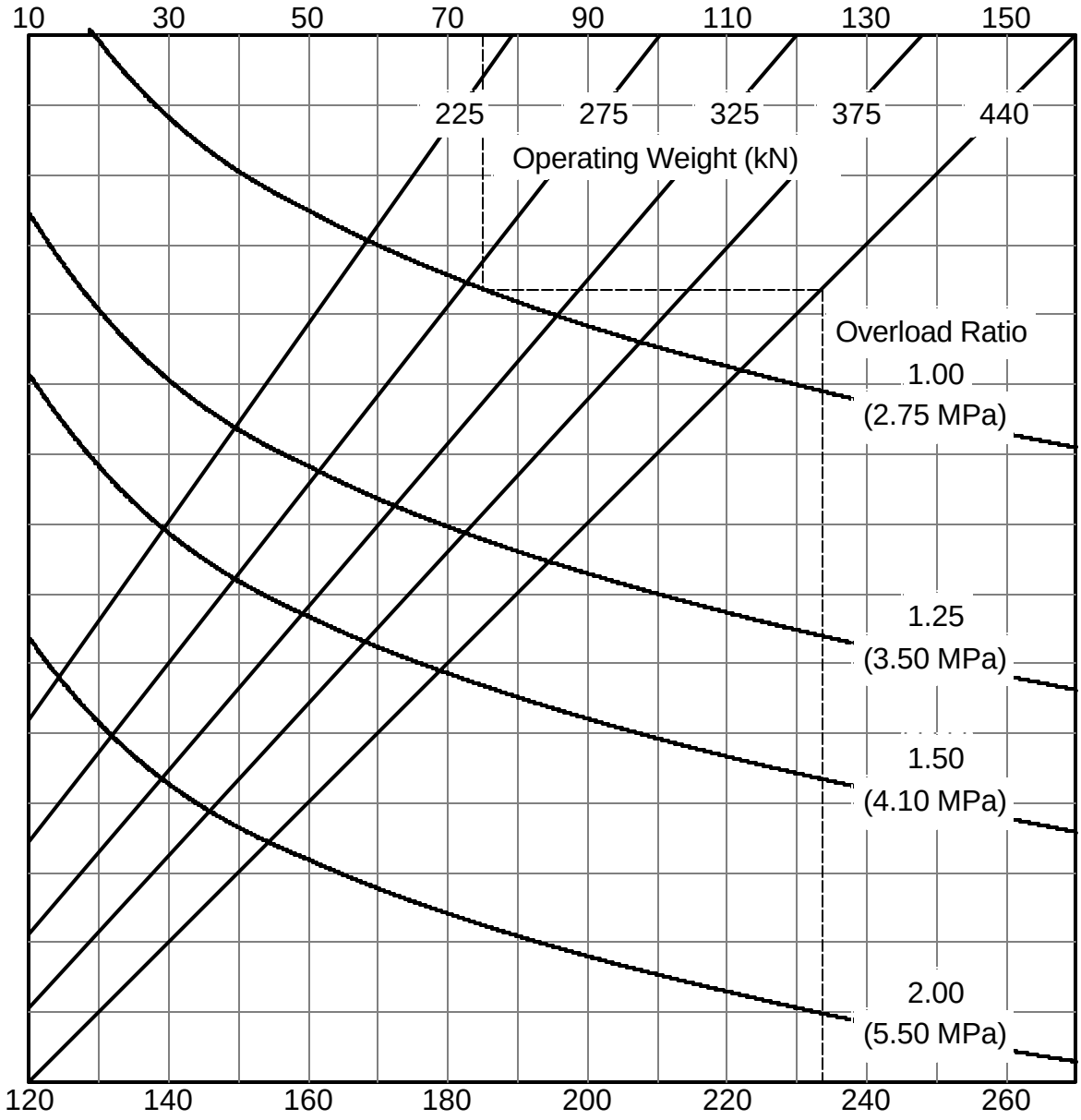
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAC-111 Series 475
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	518 mm
Tire Pressure (MPa) Pression des Pneus	0.57	



Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAC-111 Series 475
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.57	

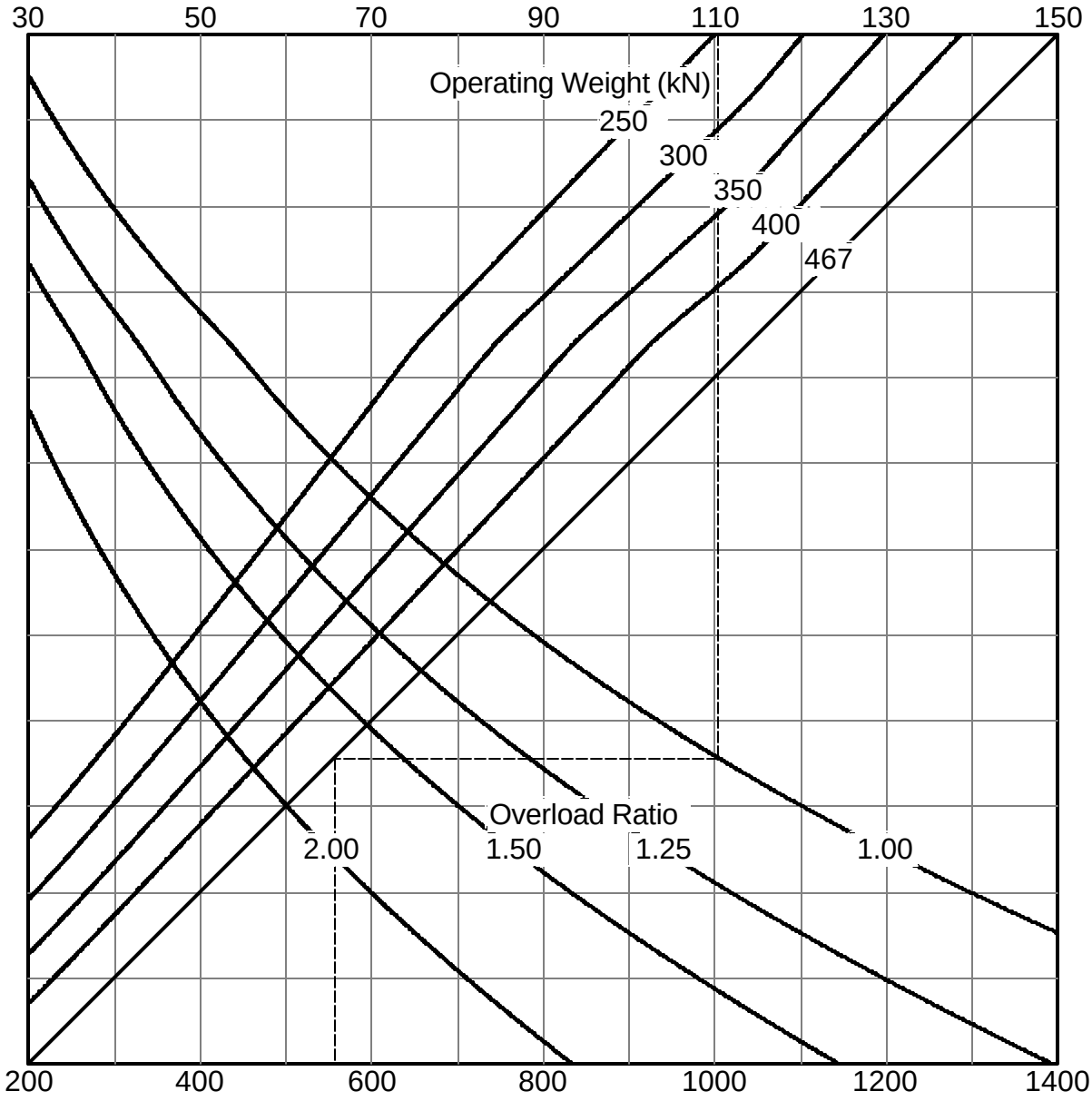
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

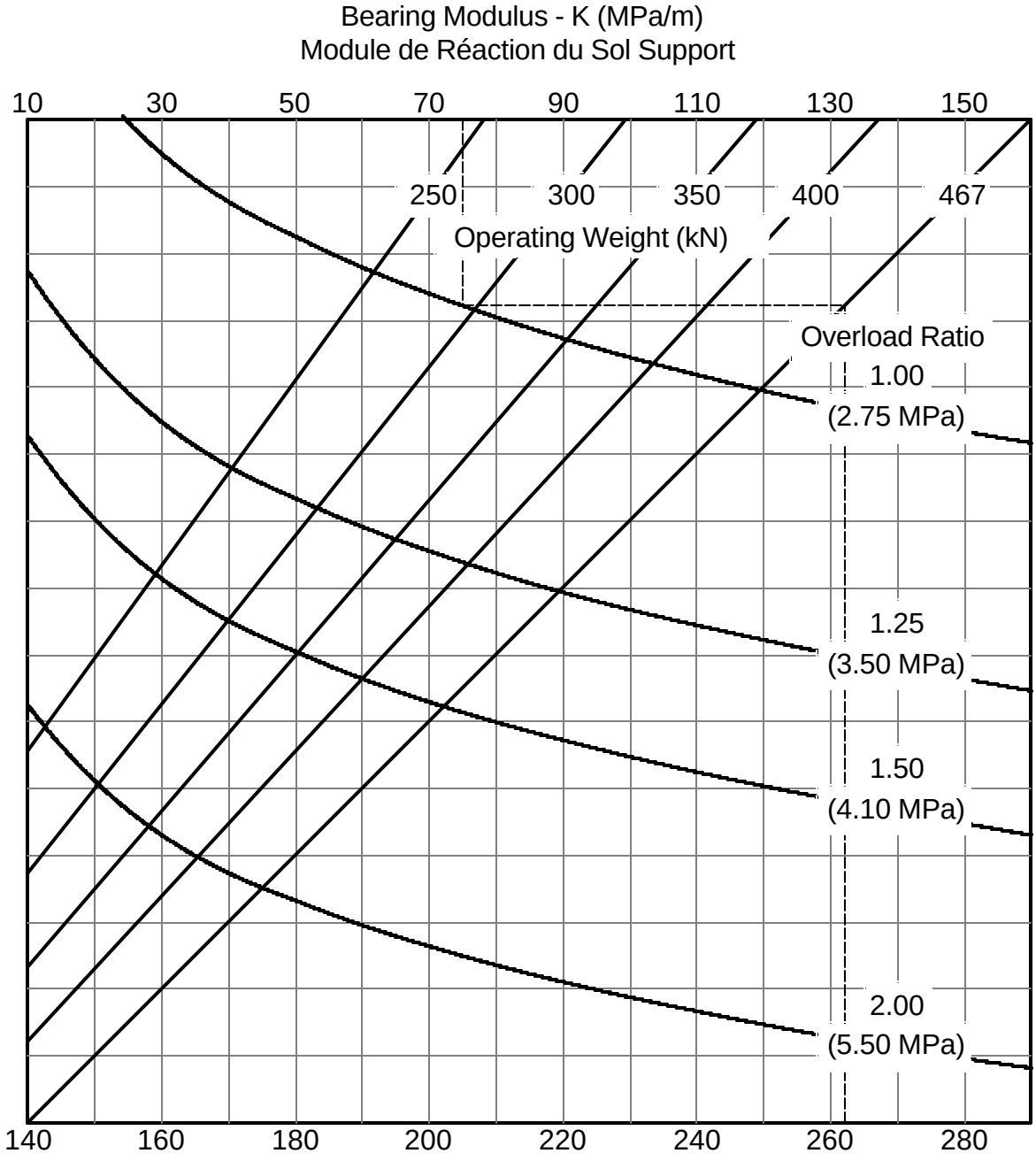
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAC-111 Series 500
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	518 mm
Tire Pressure (MPa) Pression des Pneus	1.10	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



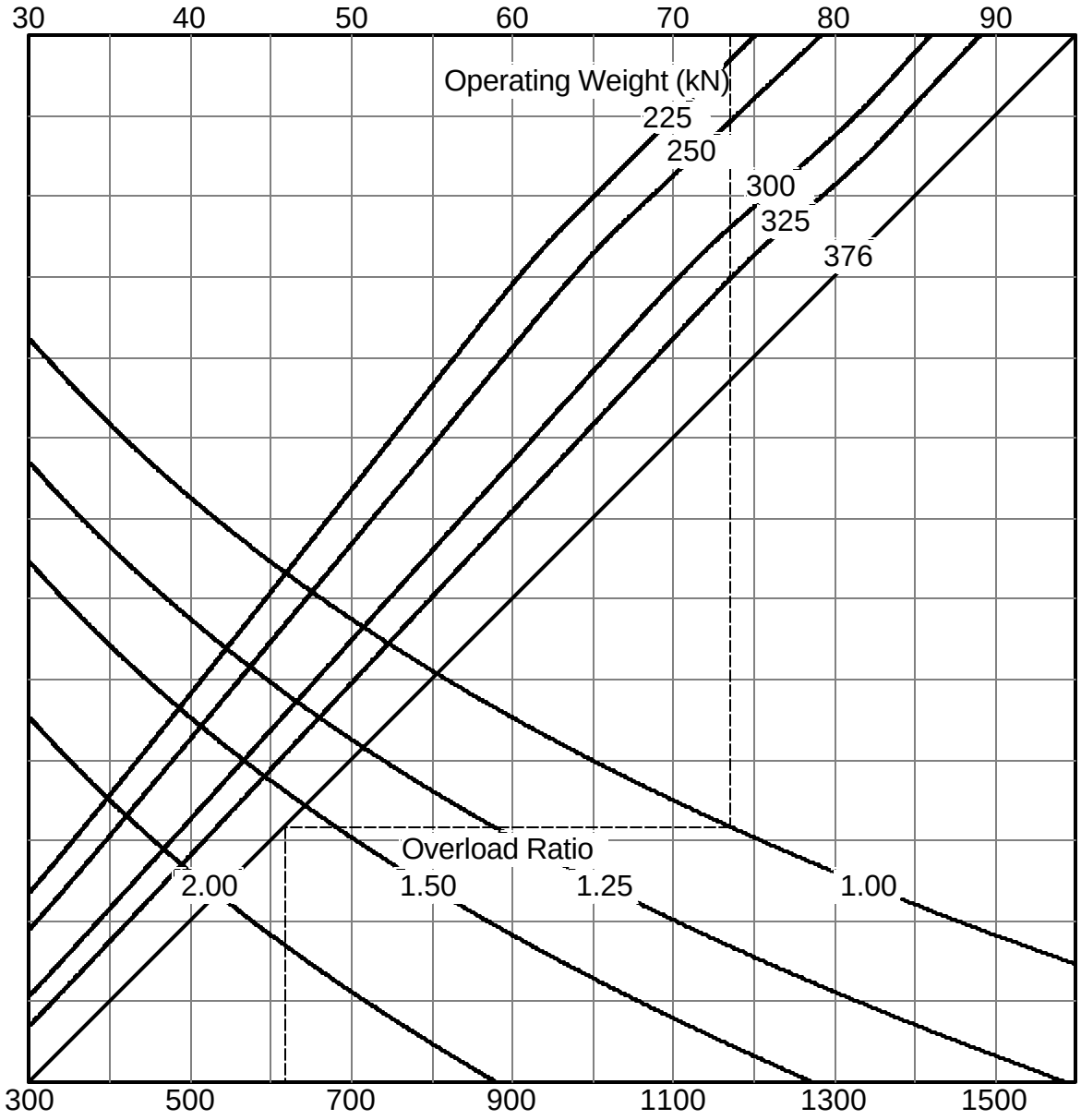
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAC-111 Series 500
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	518 mm
Tire Pressure (MPa) Pression des Pneus	1.10	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAe-146-100
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	660 mm
Tire Pressure (MPa) Pression des Pneus	0.84	

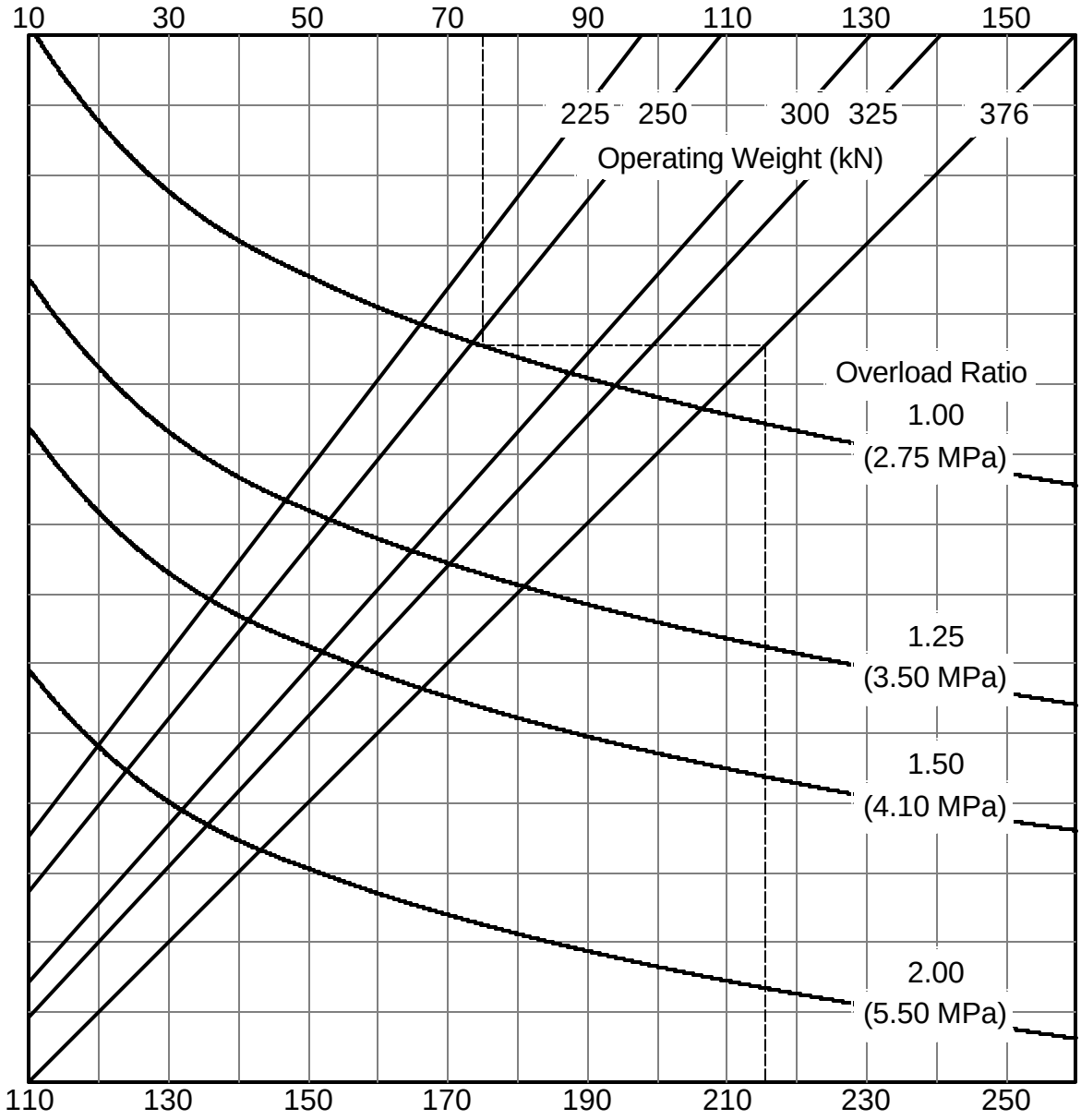
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAe-146-100
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	660 mm
Tire Pressure (MPa) Pression des Pneus	0.84	

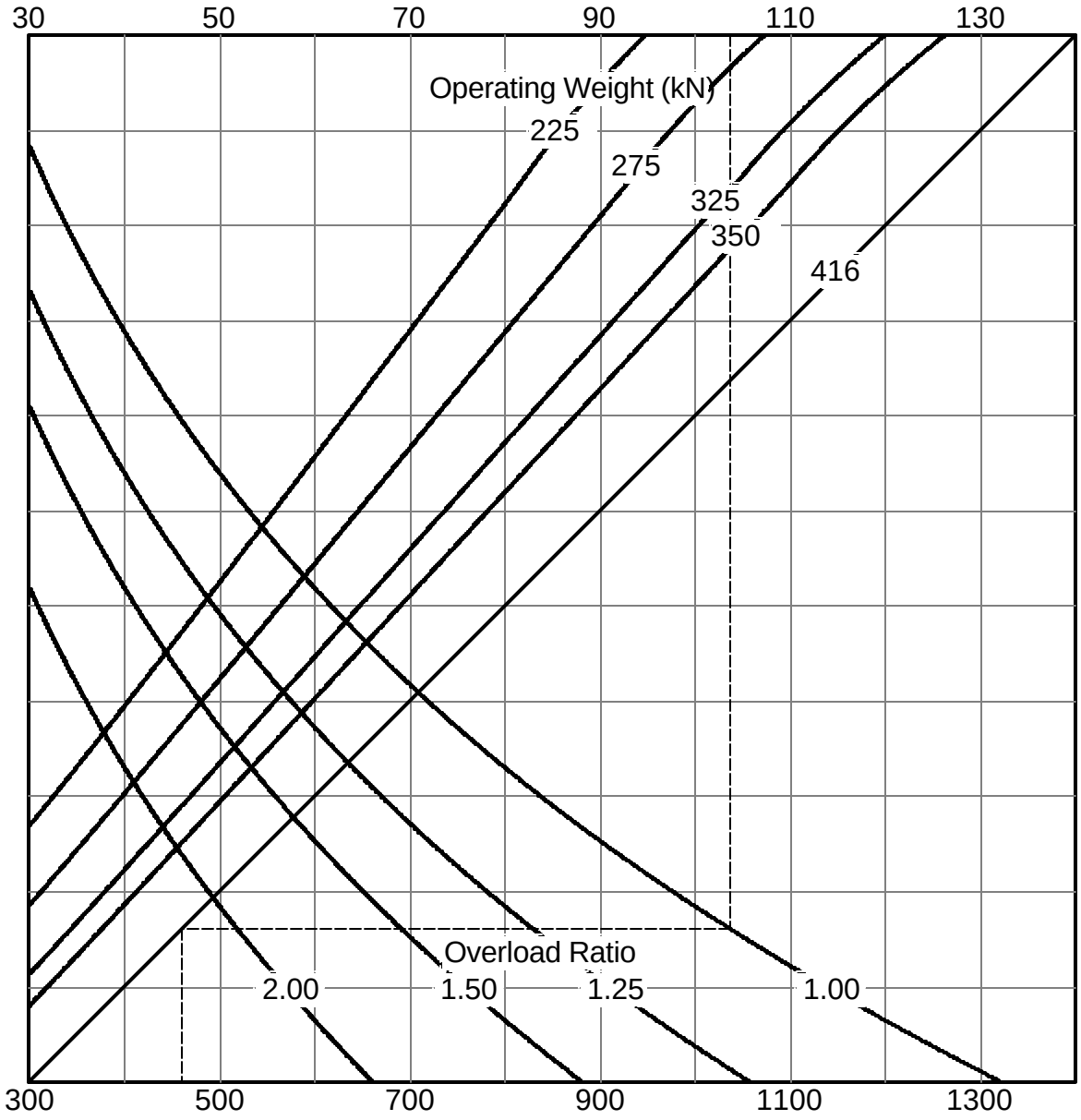
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

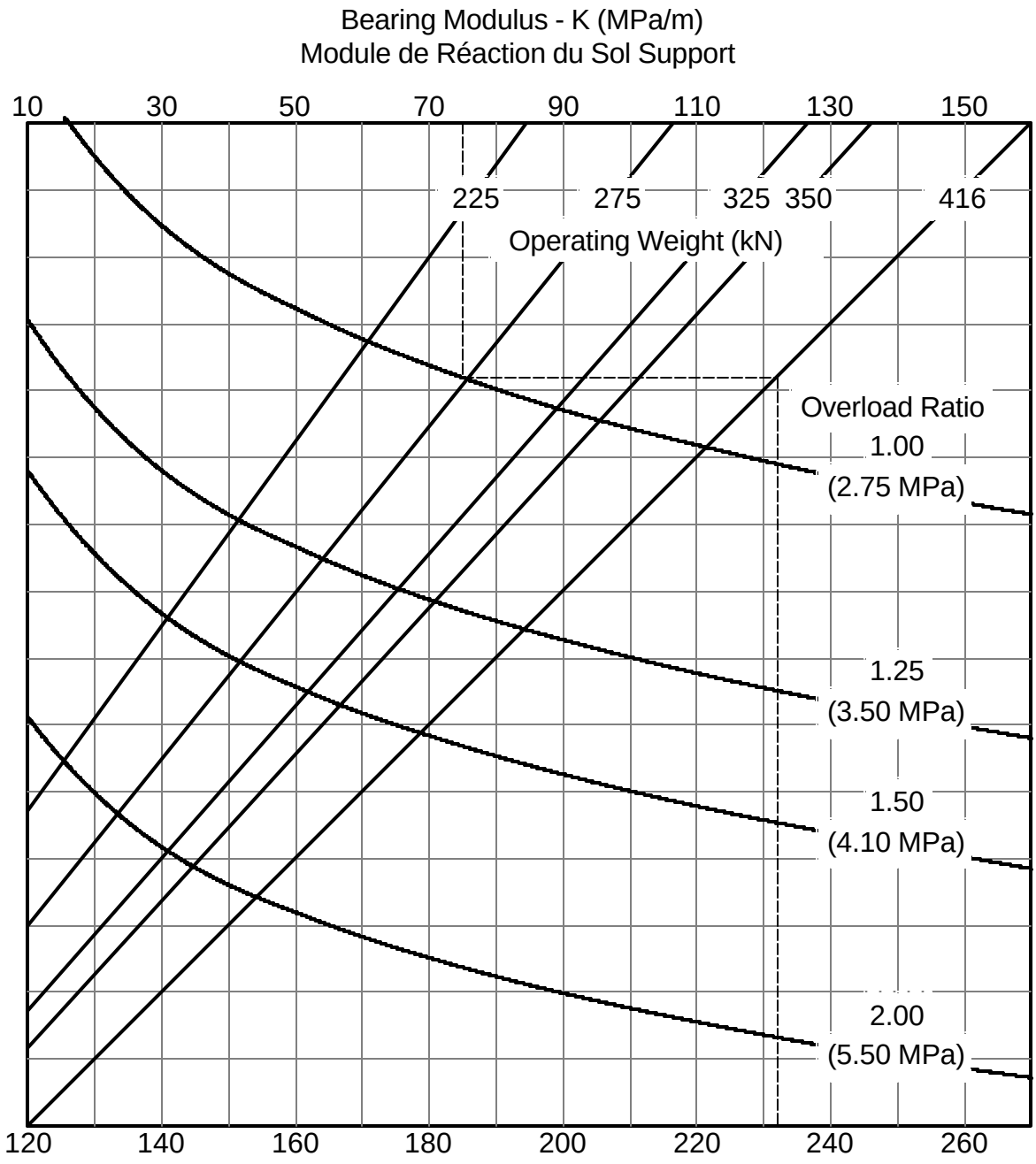
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAe-146-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	660 mm
Tire Pressure (MPa) Pression des Pneus	0.97	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



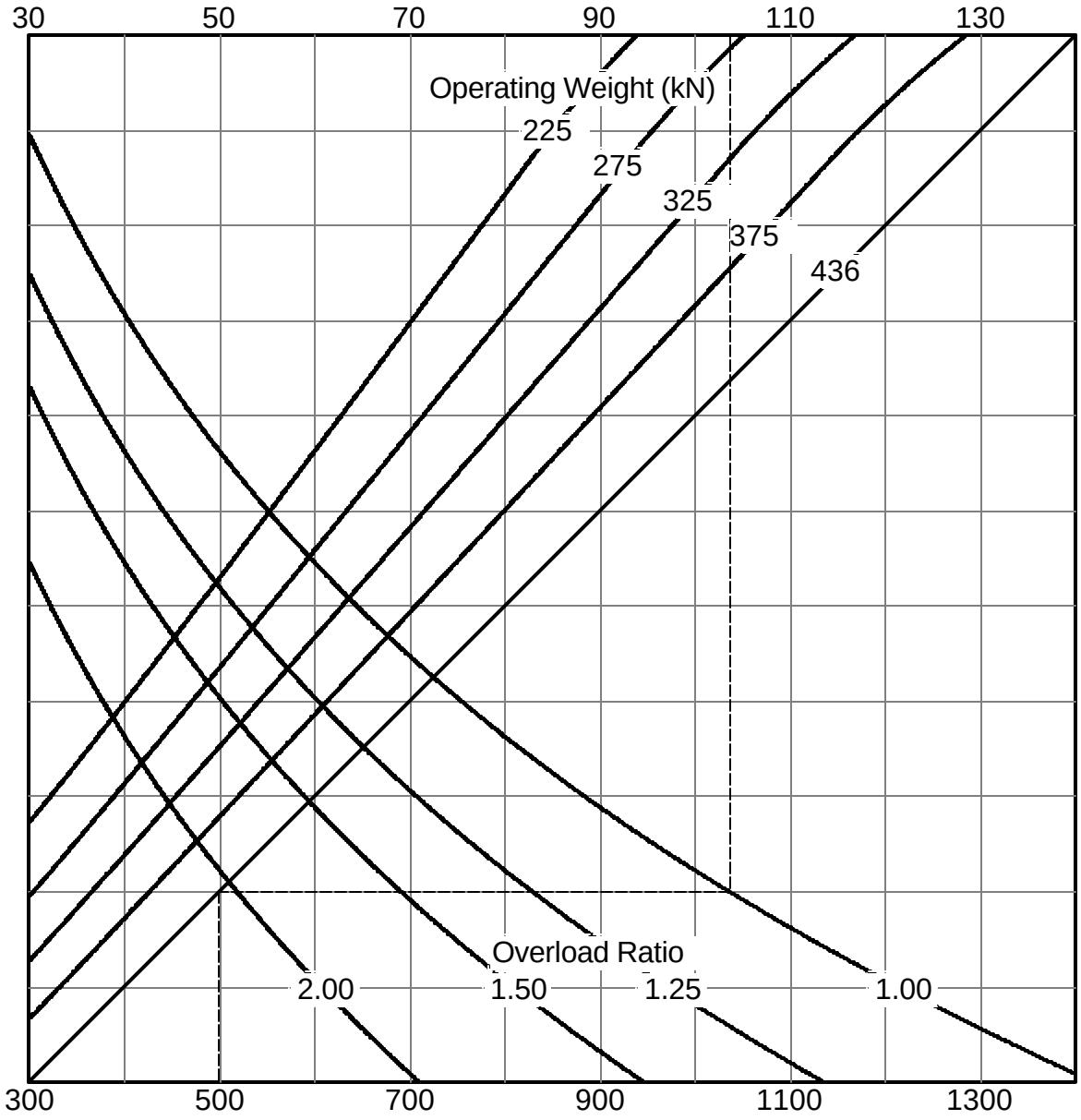
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAe-146-200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	660 mm
Tire Pressure (MPa) Pression des Pneus	0.97	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAe-146-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	660 mm
Tire Pressure (MPa) Pression des Pneus	1.10	

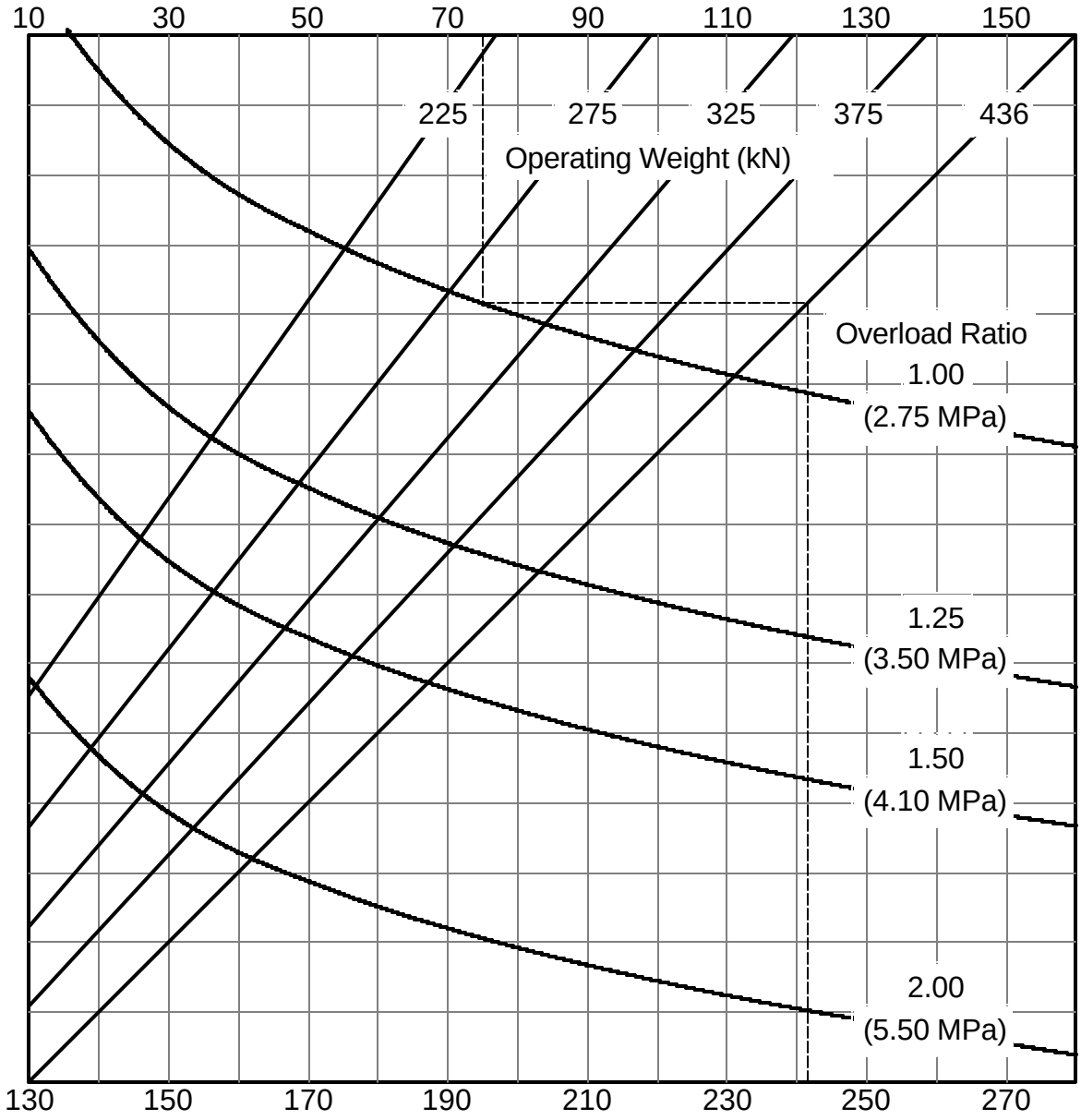
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAe-146-300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	660 mm
Tire Pressure (MPa) Pression des Pneus	1.10	

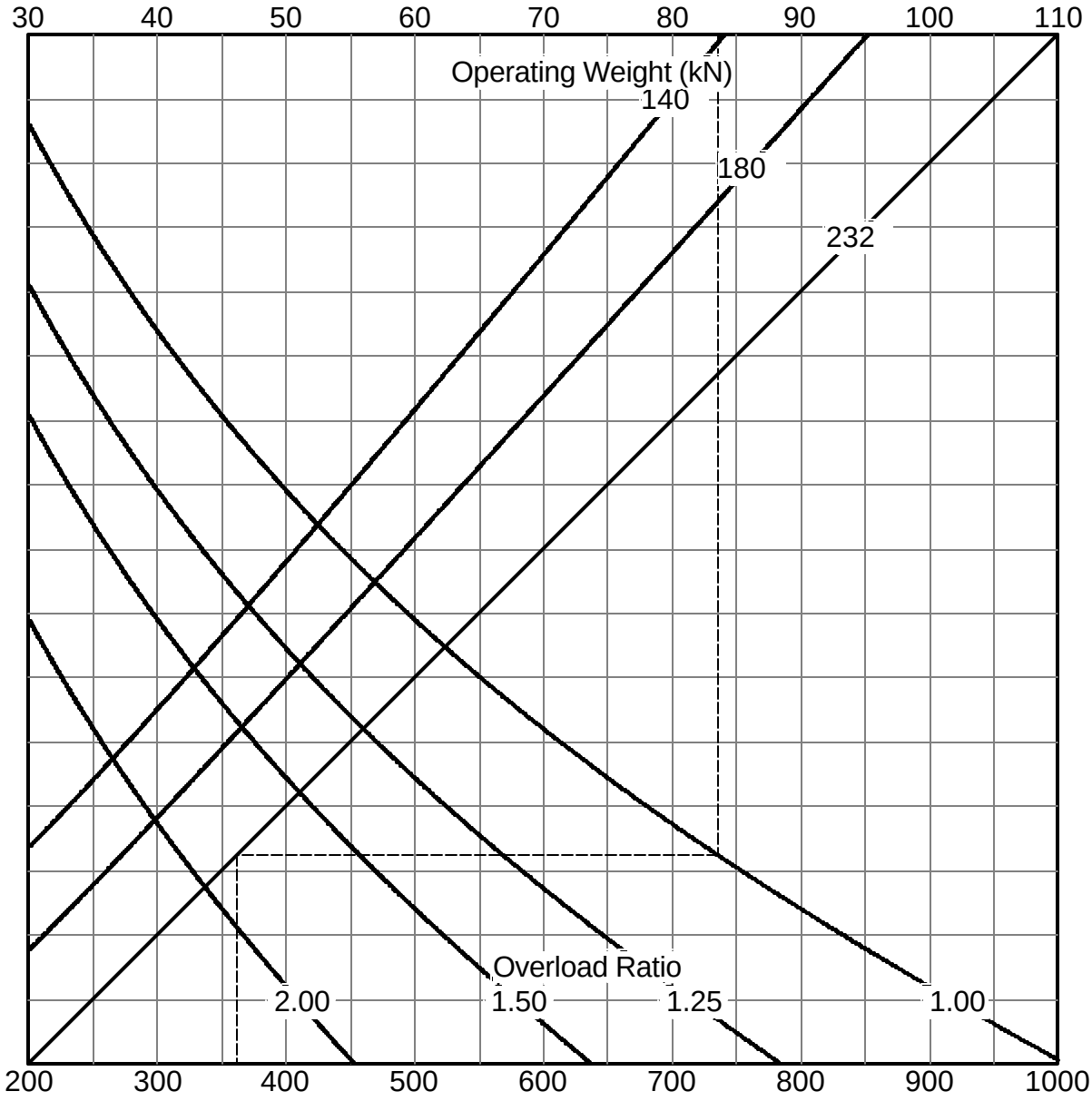
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



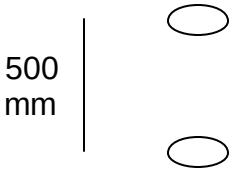
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		BAe-ATP
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	500 mm
Tire Pressure (MPa) Pression des Pneus	0.85	

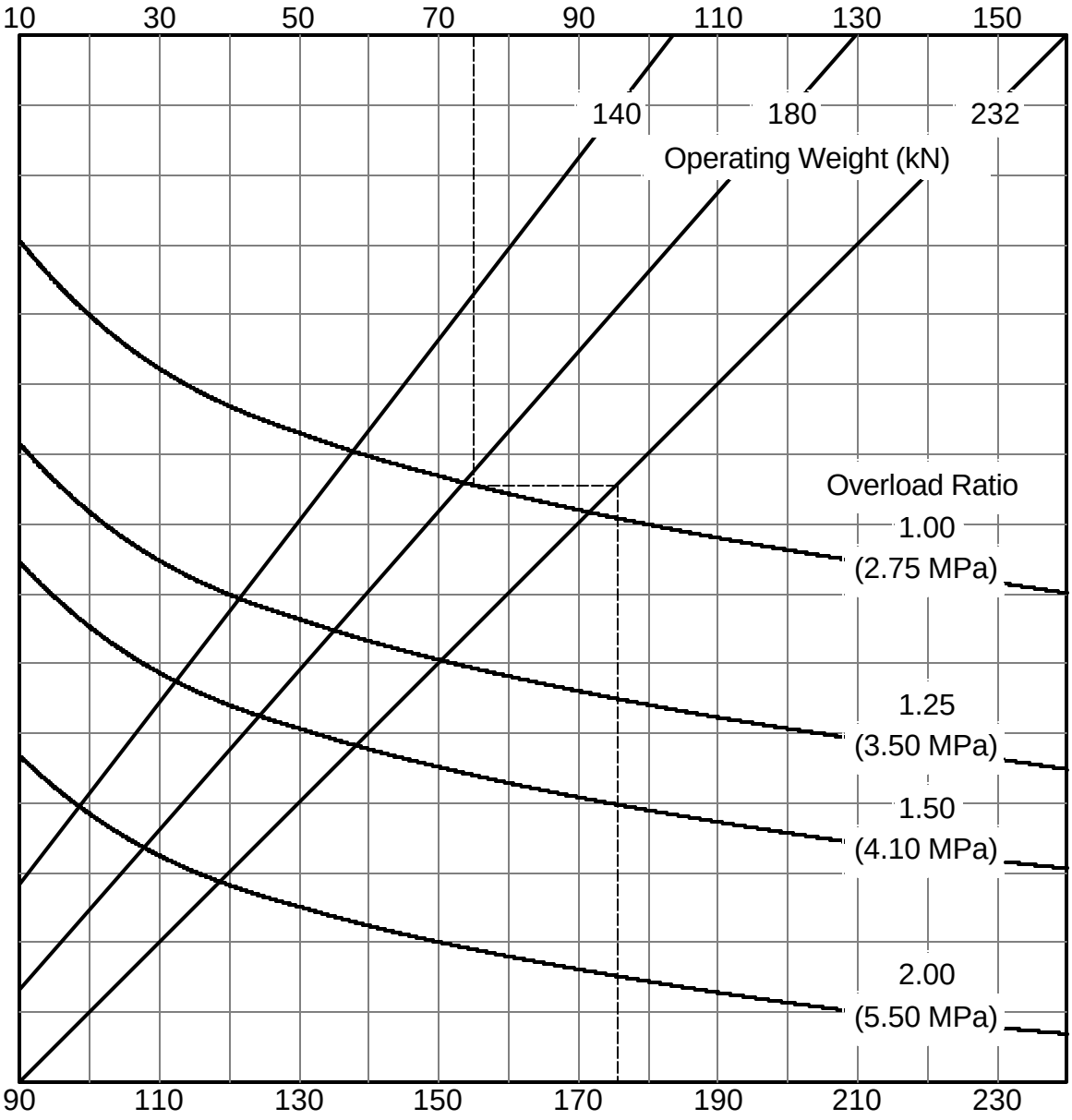
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		BAe-ATP
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.85	

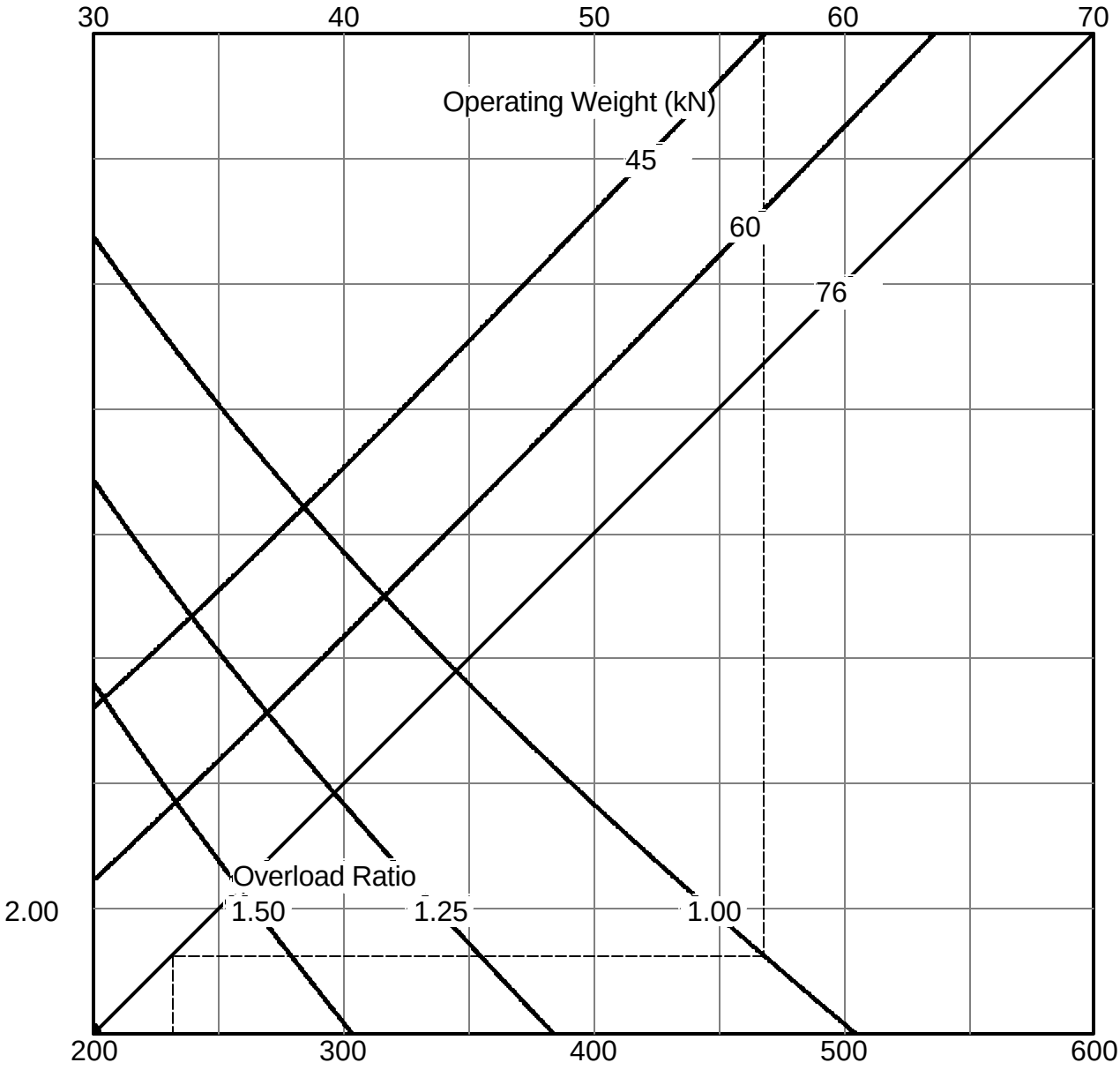
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Beech 1900C, 1900D
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	310 mm
Tire Pressure (MPa) Pression des Pneus	0.67	

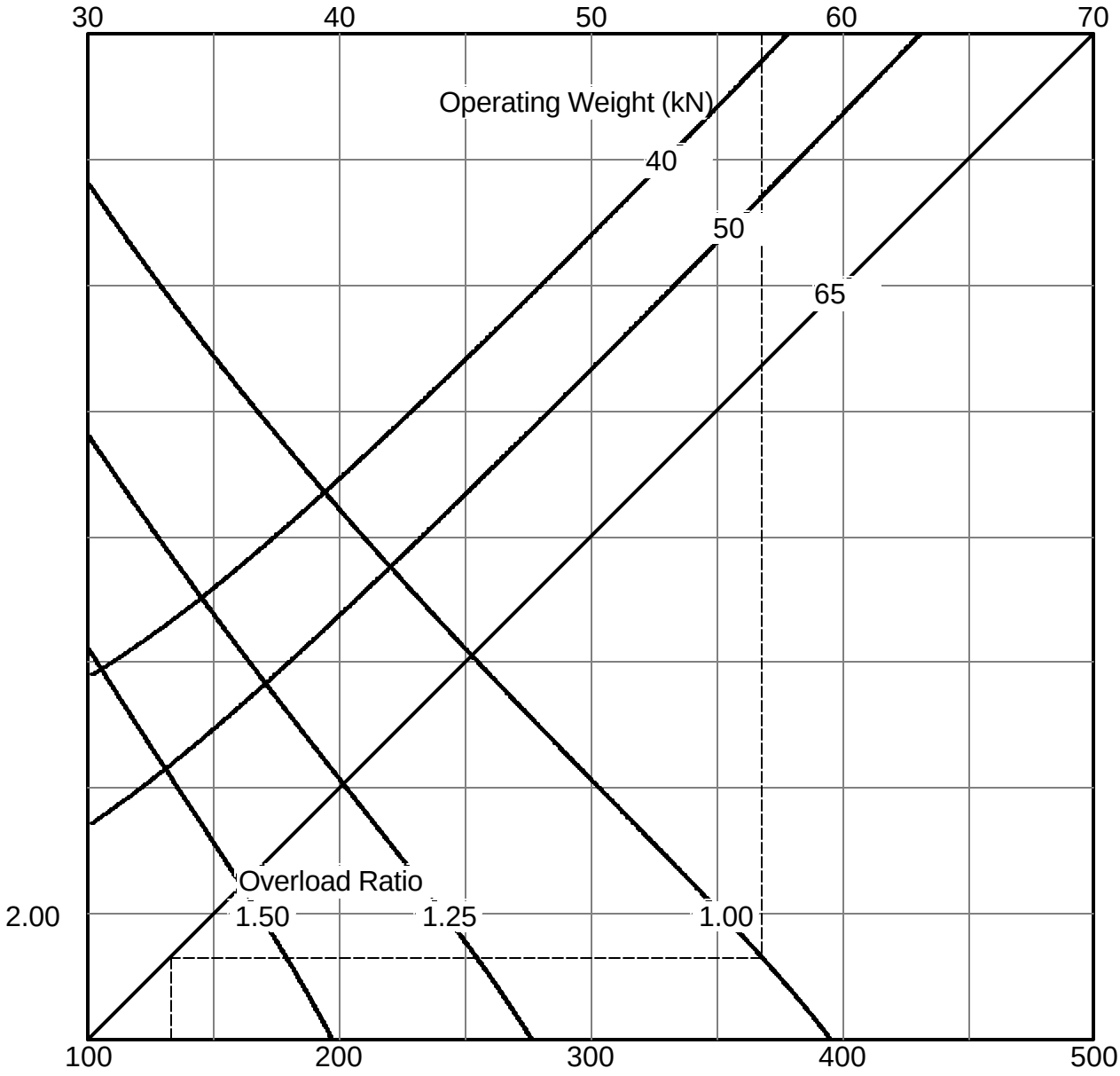
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

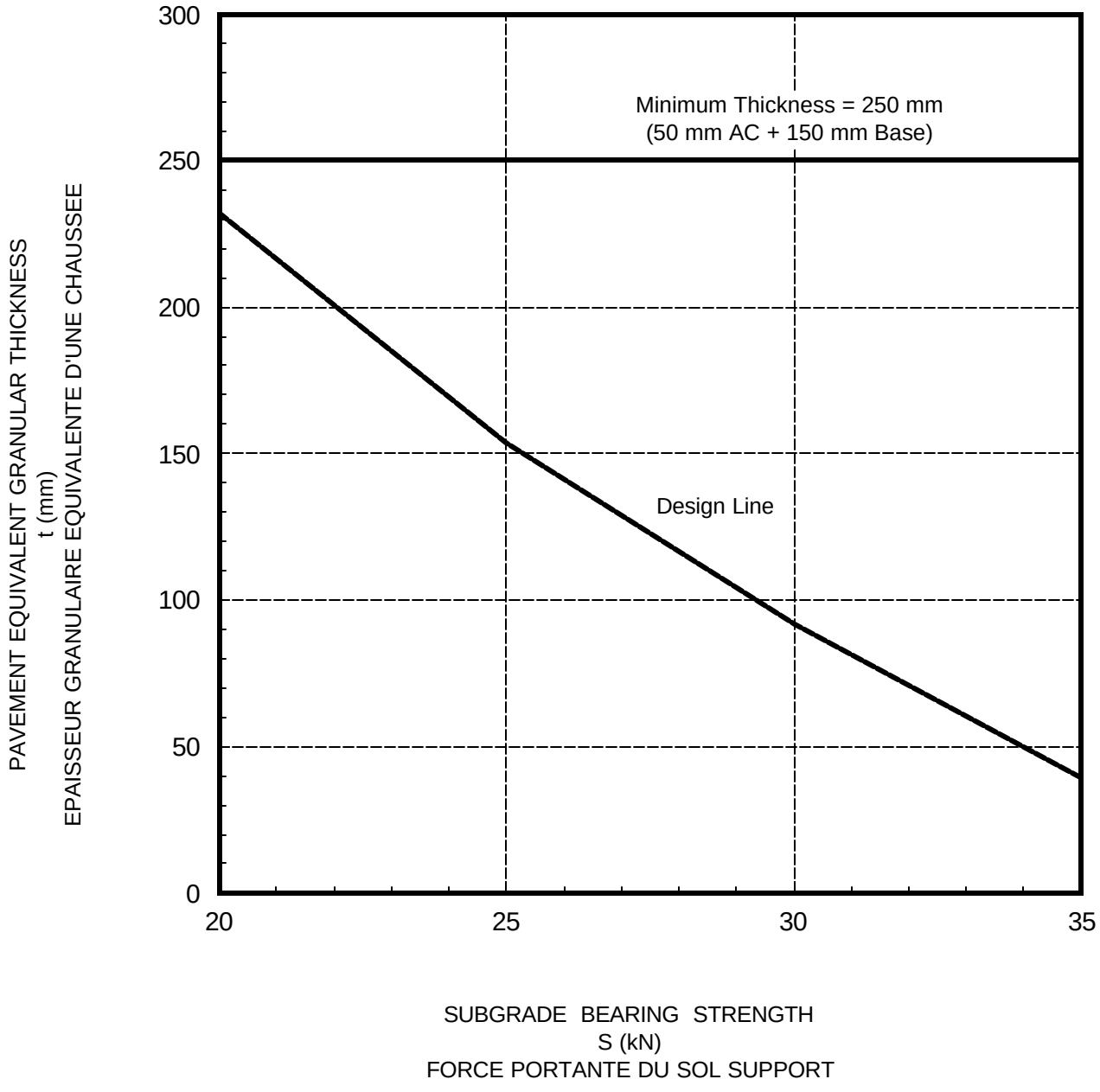
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Beech 2000 Starship
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	310 mm
Tire Pressure (MPa) Pression des Pneus	0.54	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support

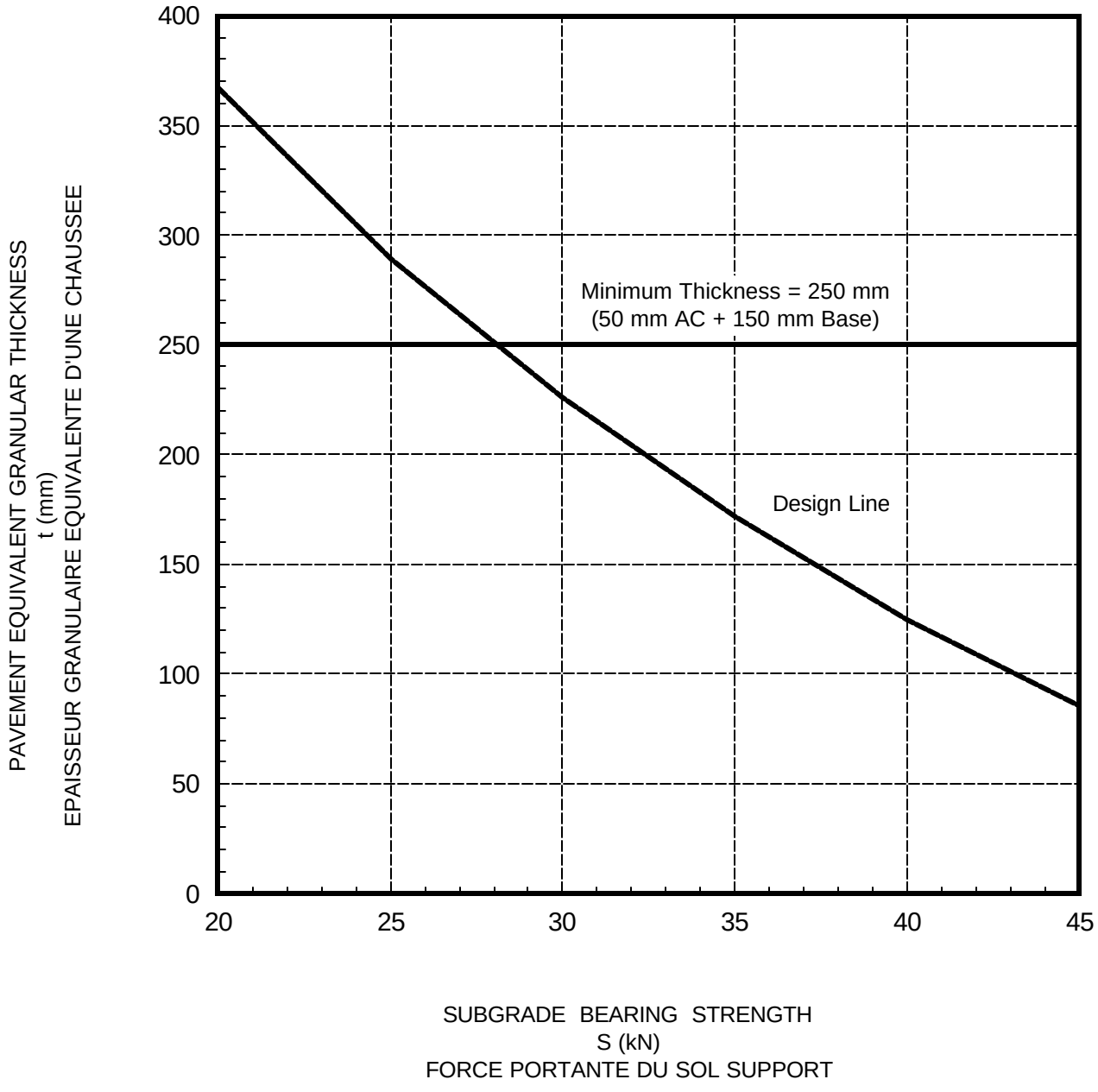


Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussee Flexible		Beech 35, 36 Series
Operating Weight (kN) Poids d'Operation	16	
% Load on One Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.28	

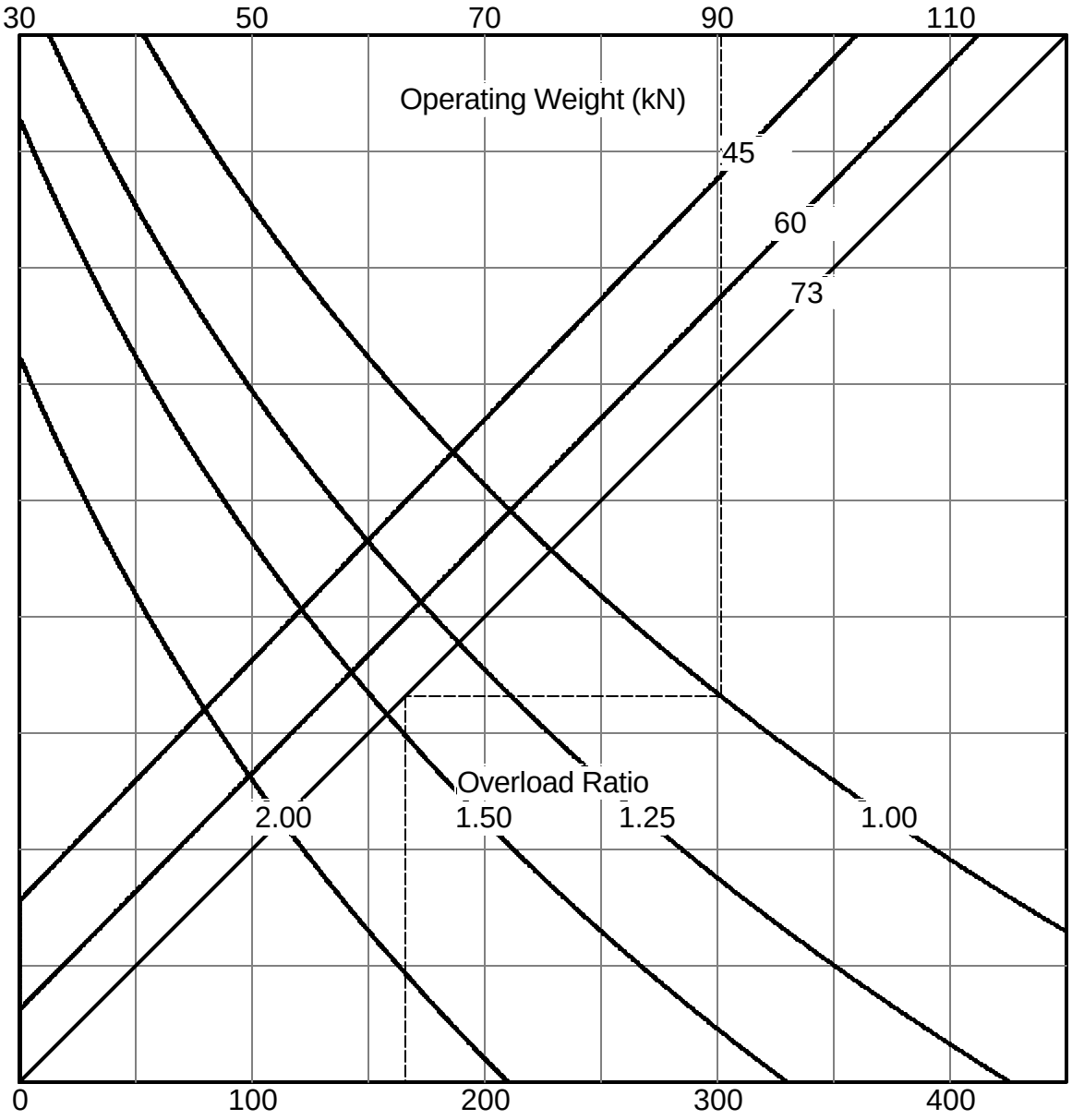


Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussee Flexible		Beech 55, 56, 58 Srs (Baron)
Operating Weight (kN) Poids d'Operation	25	
% Load on One Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.39	

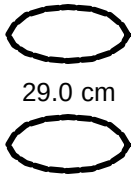


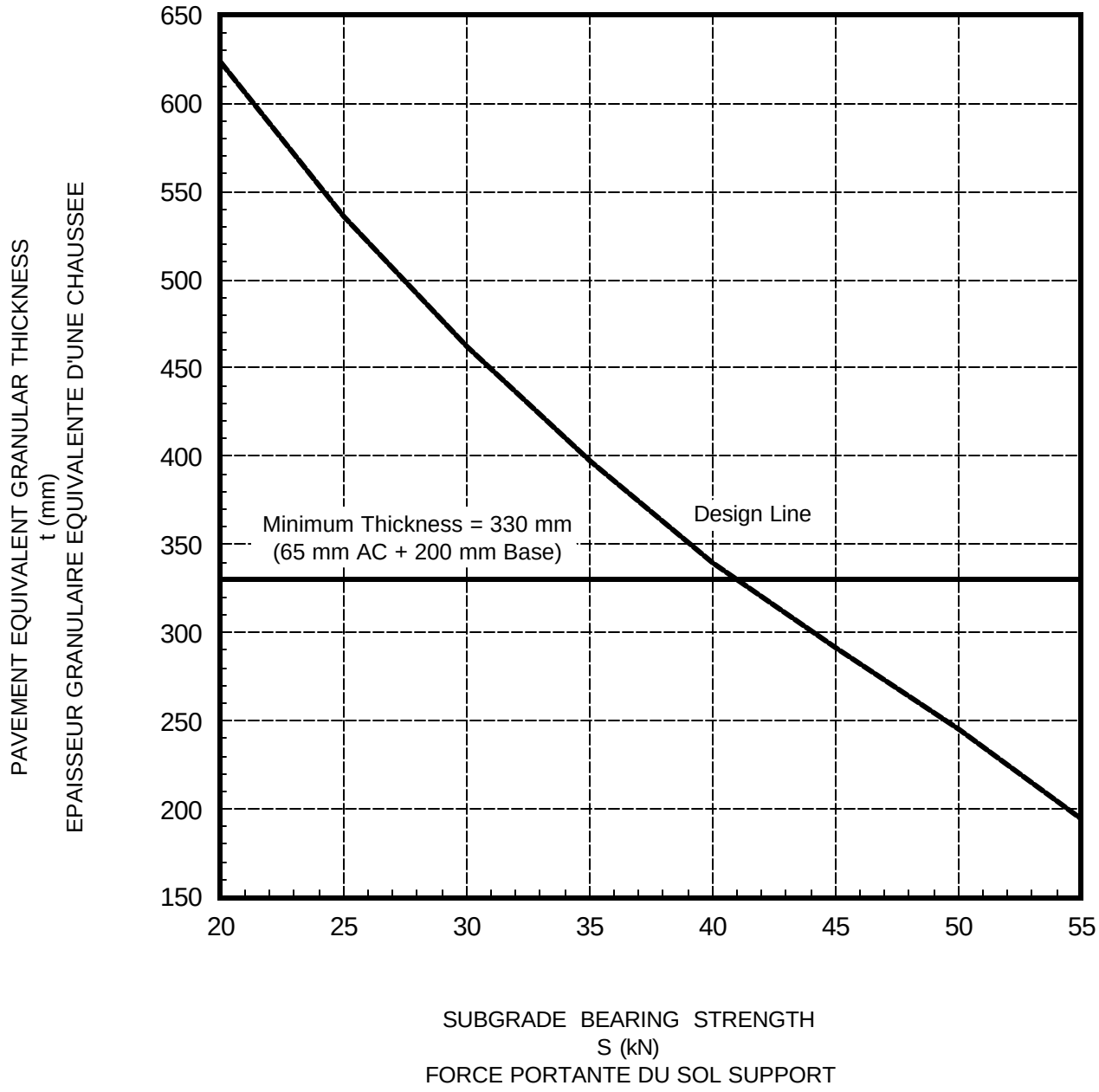
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Beech Jet 400, 400A
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.86	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



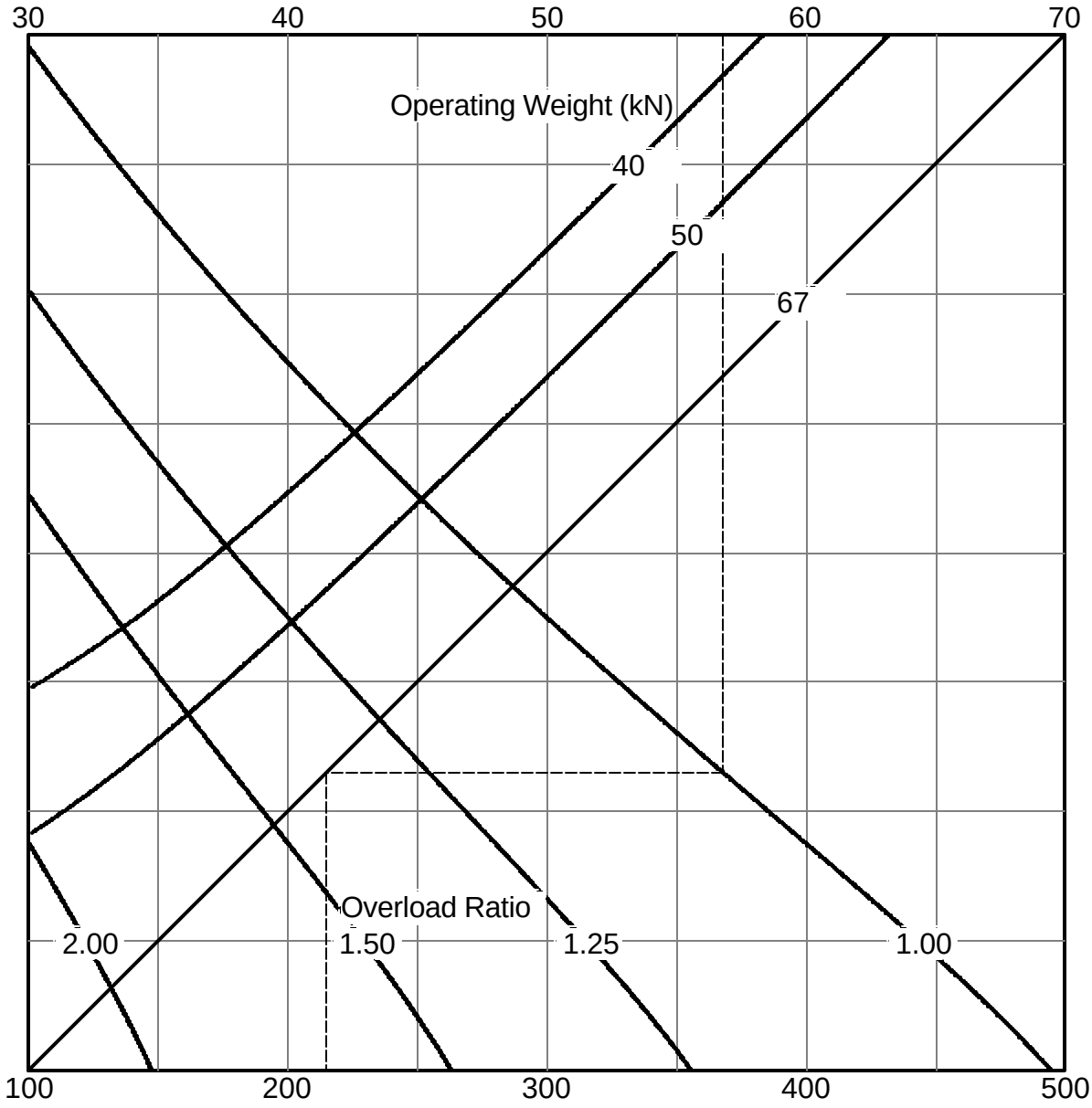
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussee Flexible		Beech King Air 100, 200 Srs
Operating Weight (kN) Poids d'Operation	56	
% Load on One Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.73	



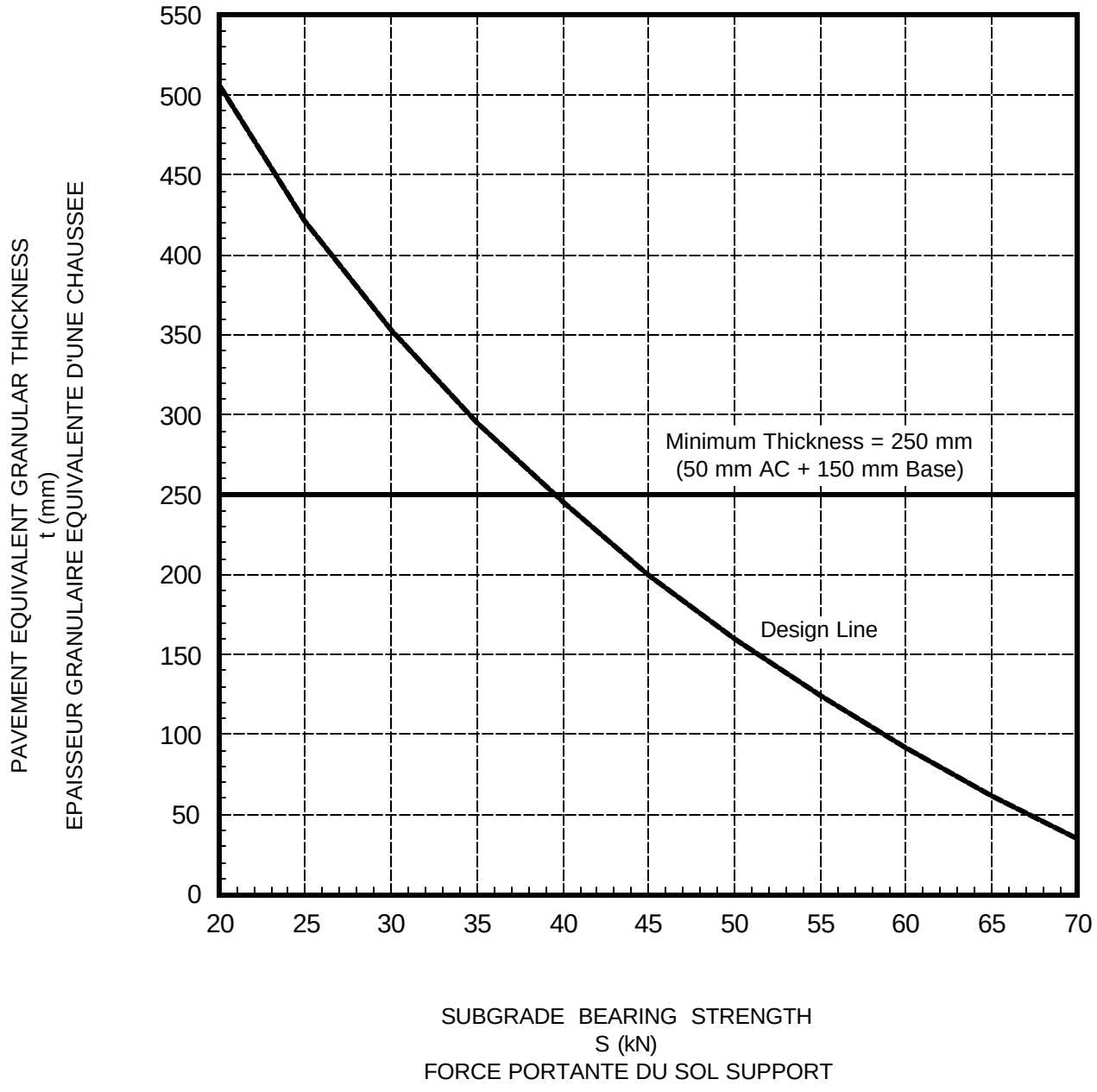
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Beech King Air 300/C, 350/C
% Load on Main Gear % Poids sur Atterrisseur Principal	45.6	290 mm
Tire Pressure (MPa) Pression des Pneus	0.73	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support

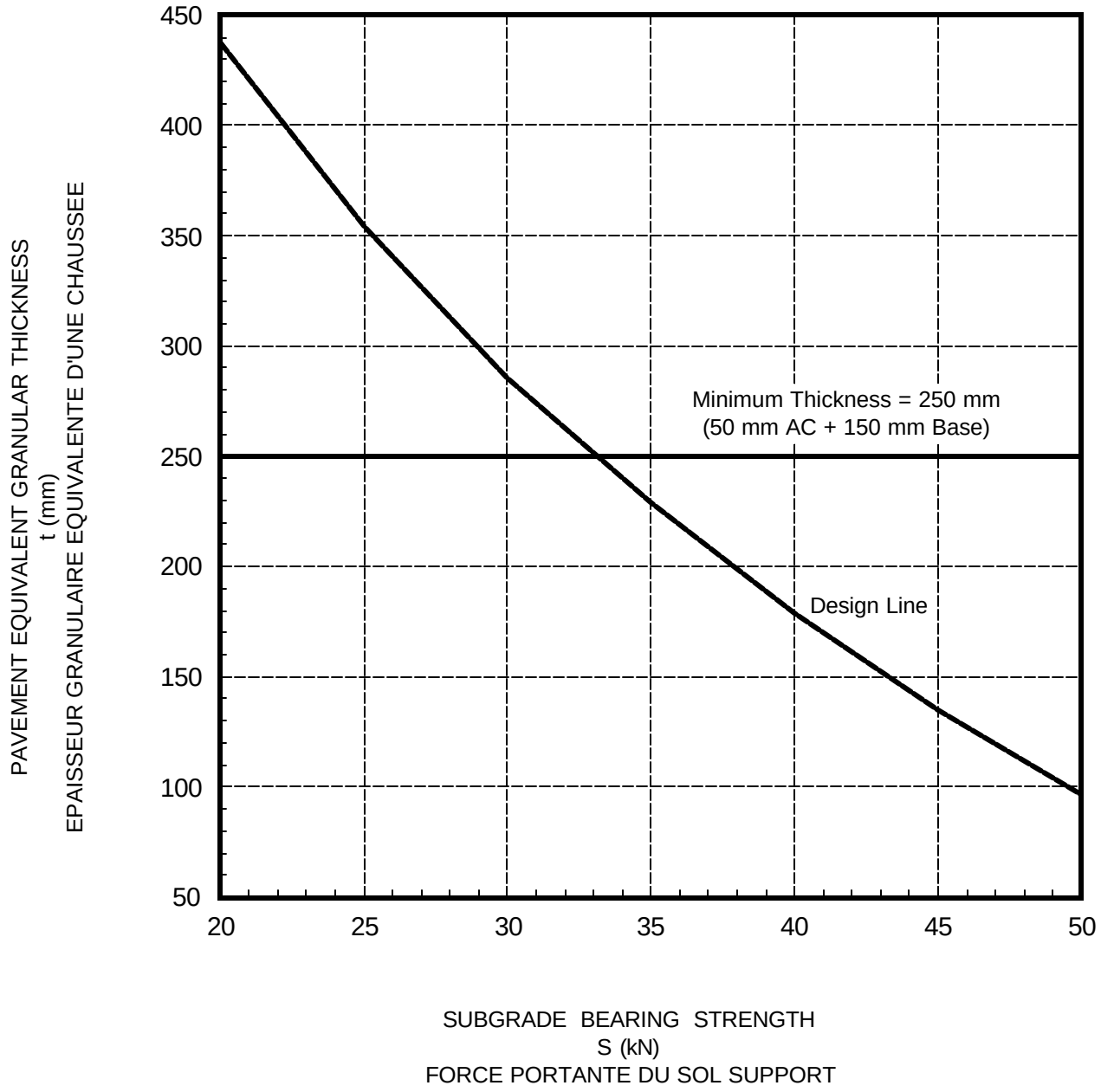


Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussee Flexible		Beech King Air 90 Series
Operating Weight (kN) Poids d'Operation	49	
% Load on One Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.38	

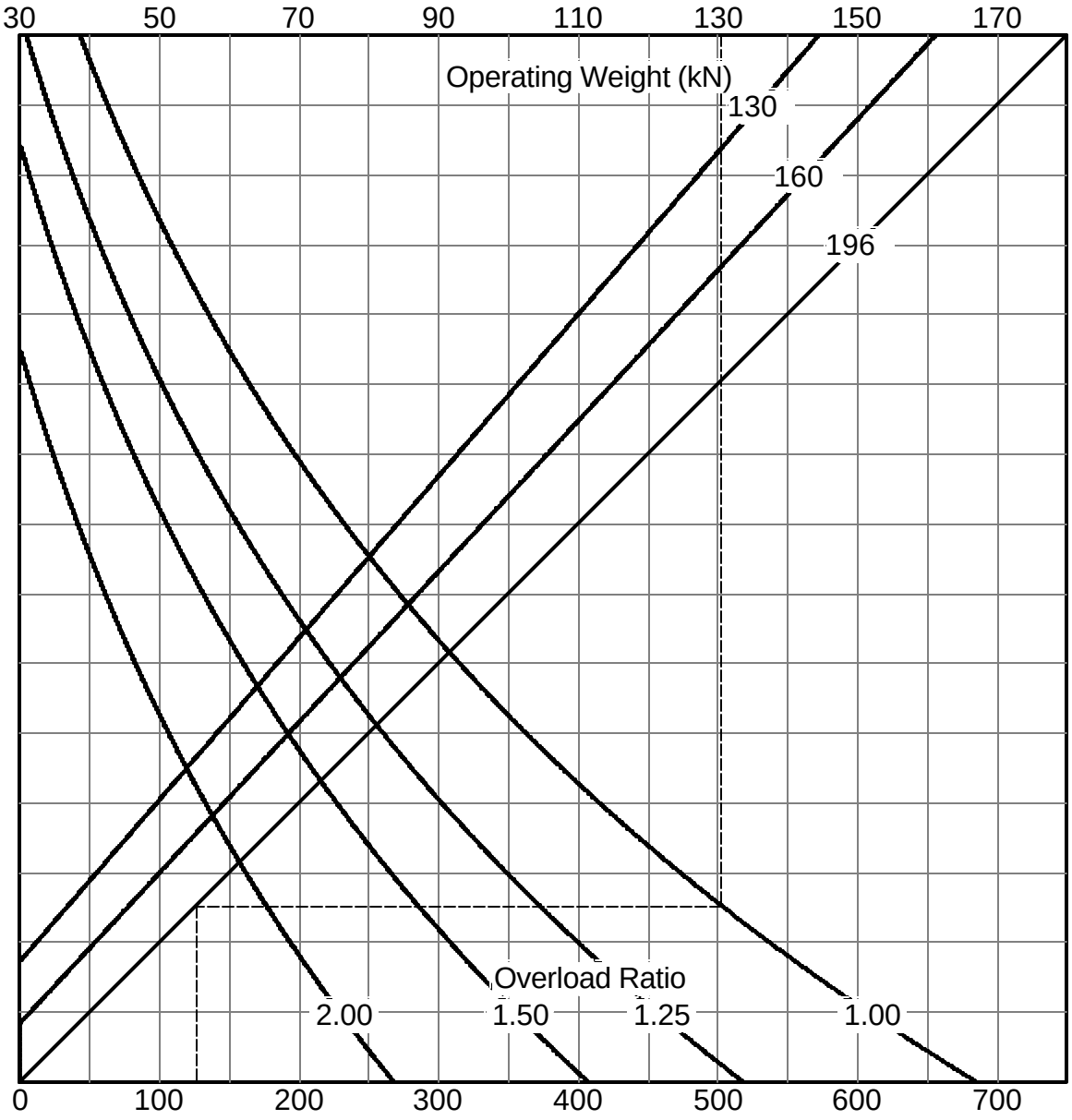


Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussee Flexible		Beech Queen Air 65, 70, 80 Srs
Operating Weight (kN) Poids d'Operation	40	
% Load on One Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.33	



Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier 415 (CL-215, 415)
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.53	

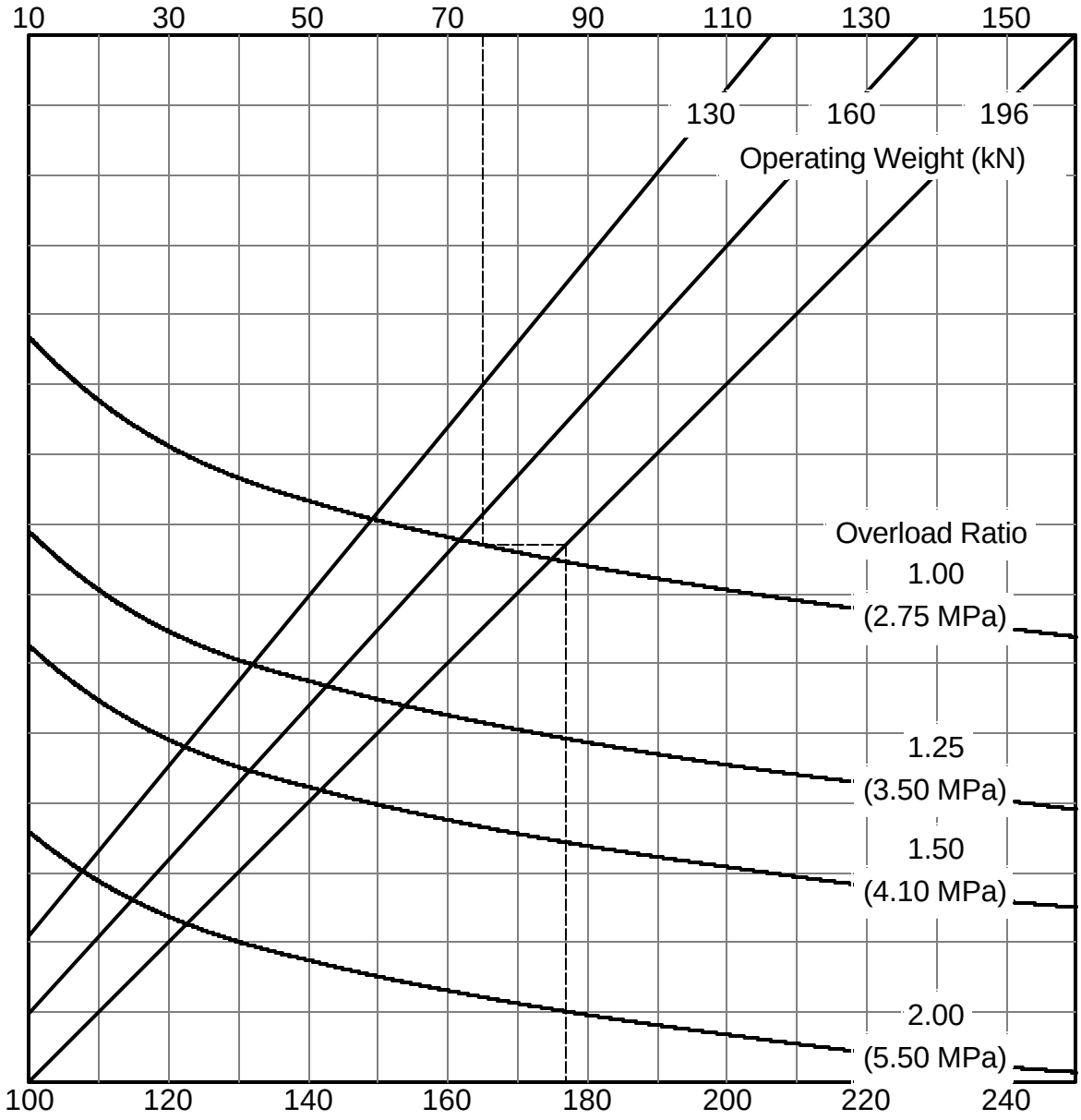
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier 415 (CL-215, 415)
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	0.53	

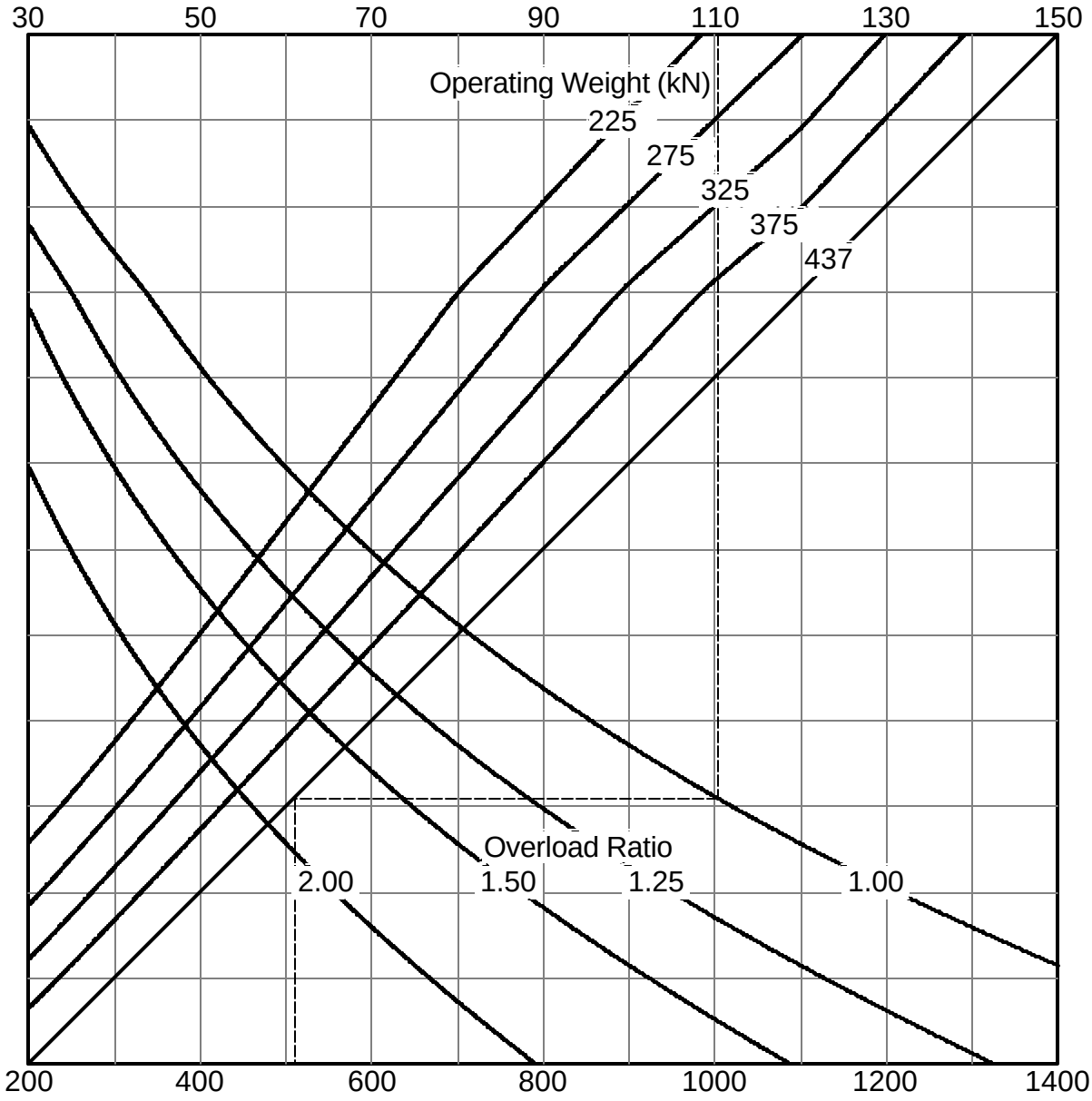
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

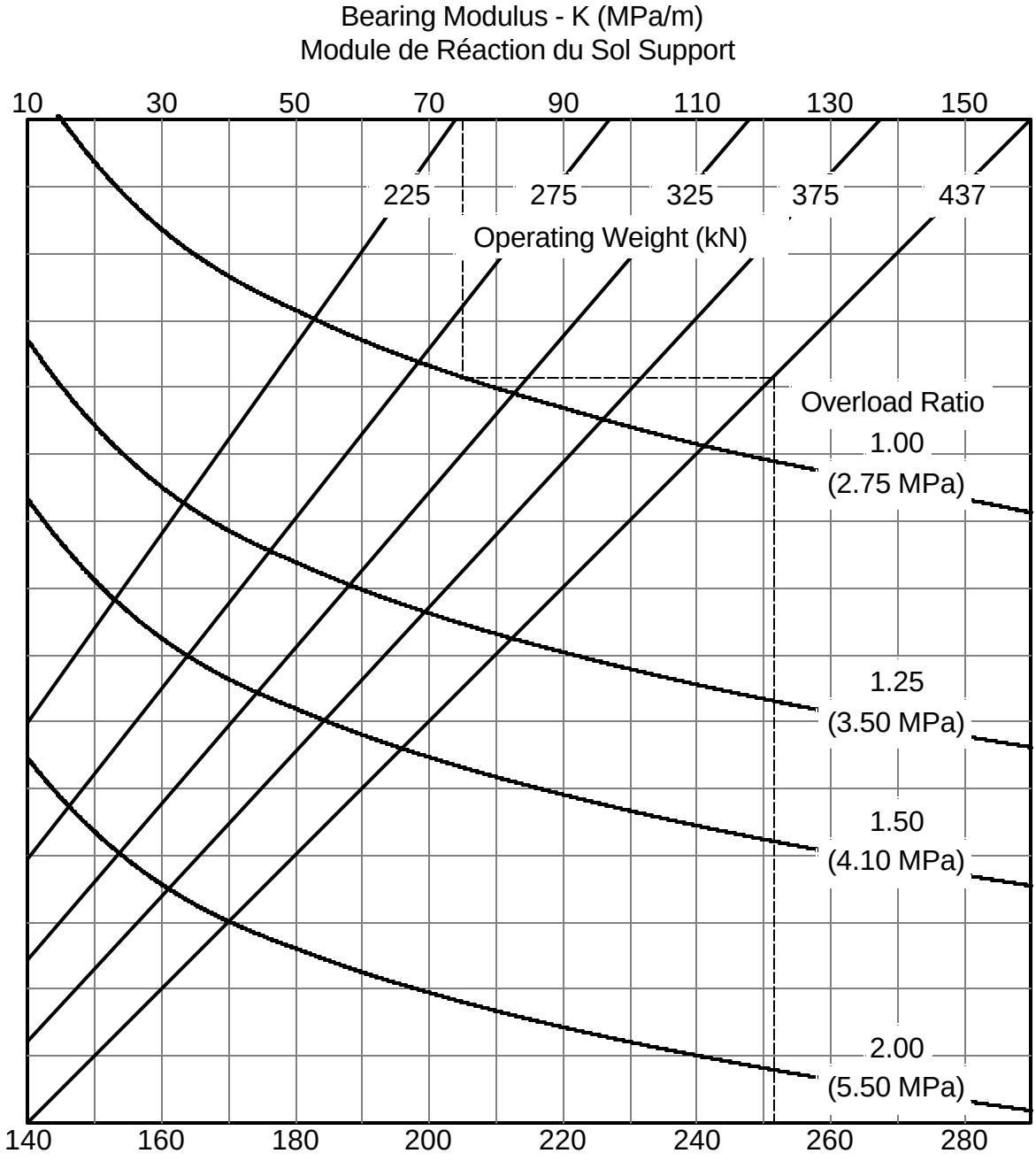
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier BD-700 Global
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	550 mm
Tire Pressure (MPa) Pression des Pneus	1.15	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



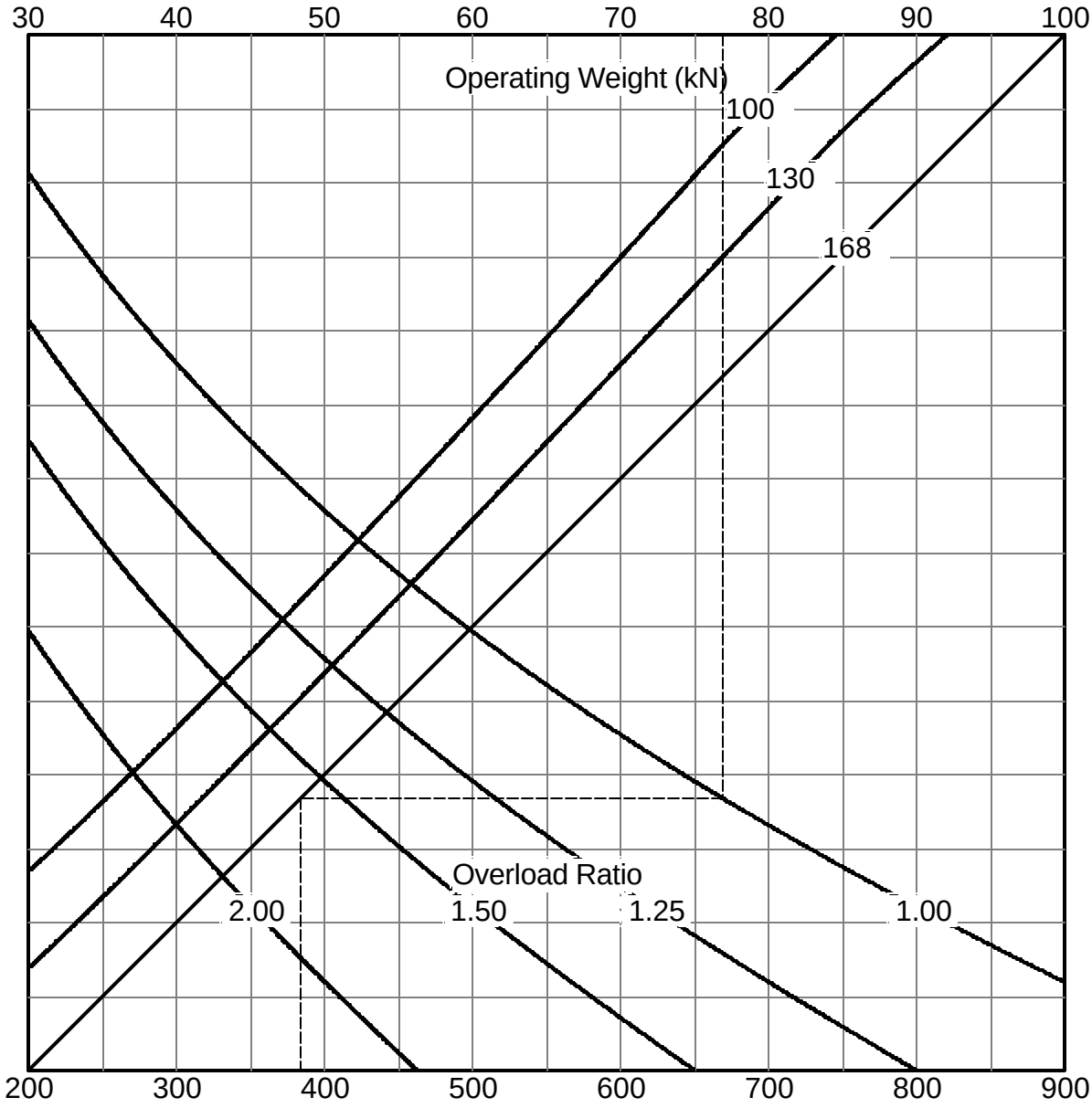
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier BD-700 Global
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	550 mm
Tire Pressure (MPa) Pression des Pneus	1.15	



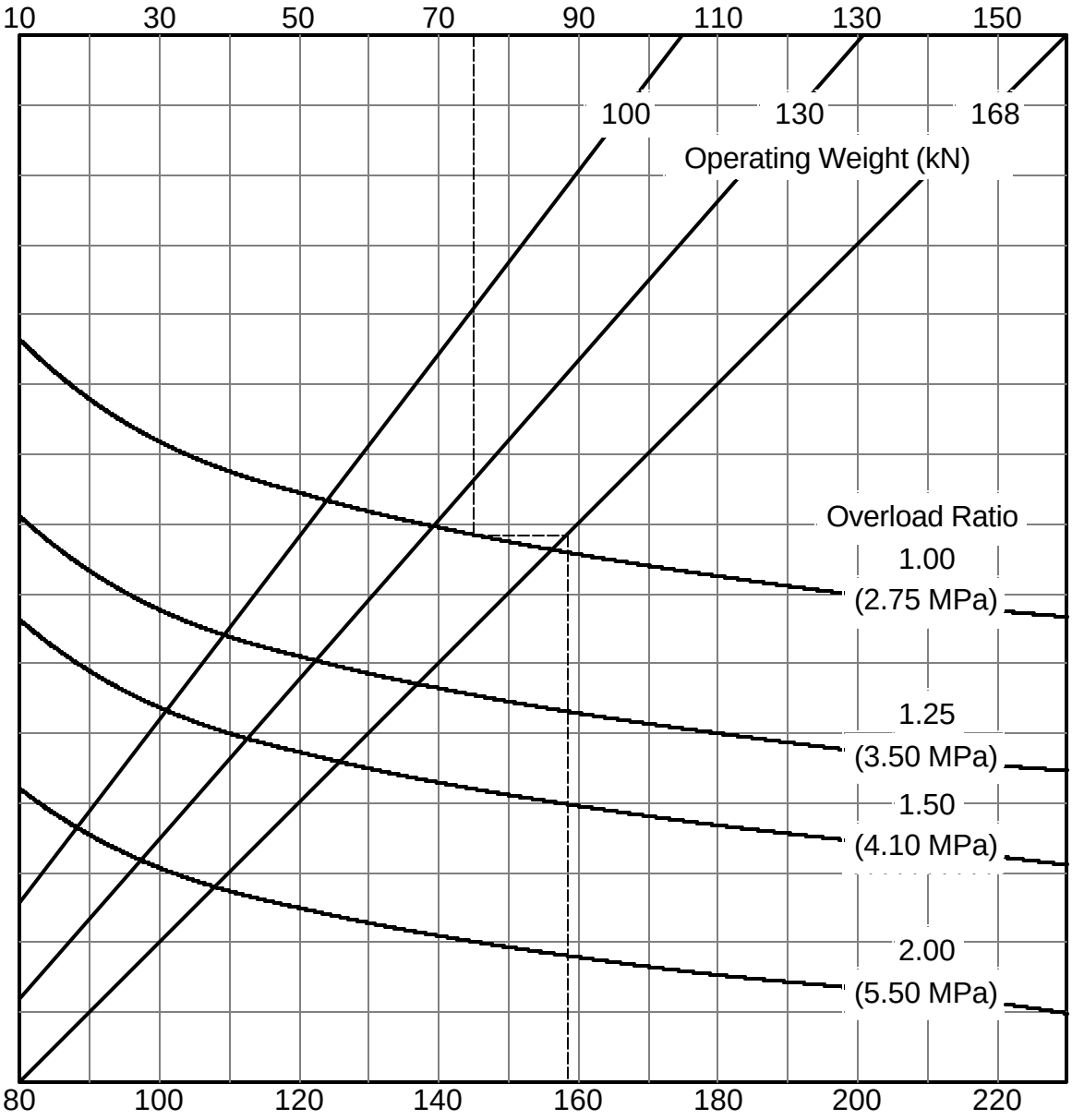
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier Challenger 300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	420 mm
Tire Pressure (MPa) Pression des Pneus	1.21	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



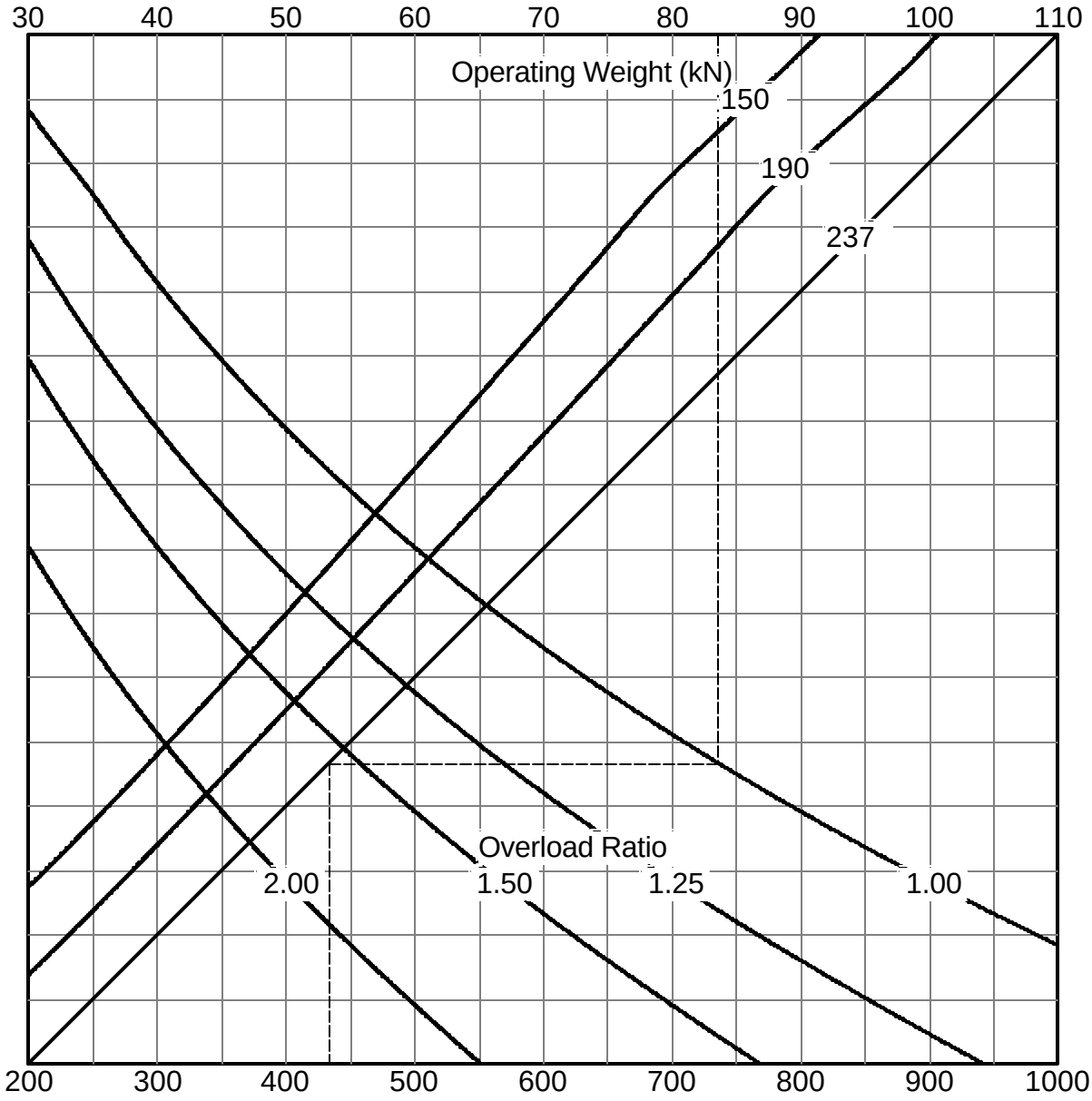
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier Challenger 300
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	420 mm
Tire Pressure (MPa) Pression des Pneus	1.21	

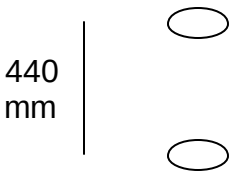


Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier Challenger 800
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	440 mm
Tire Pressure (MPa) Pression des Pneus	1.12	

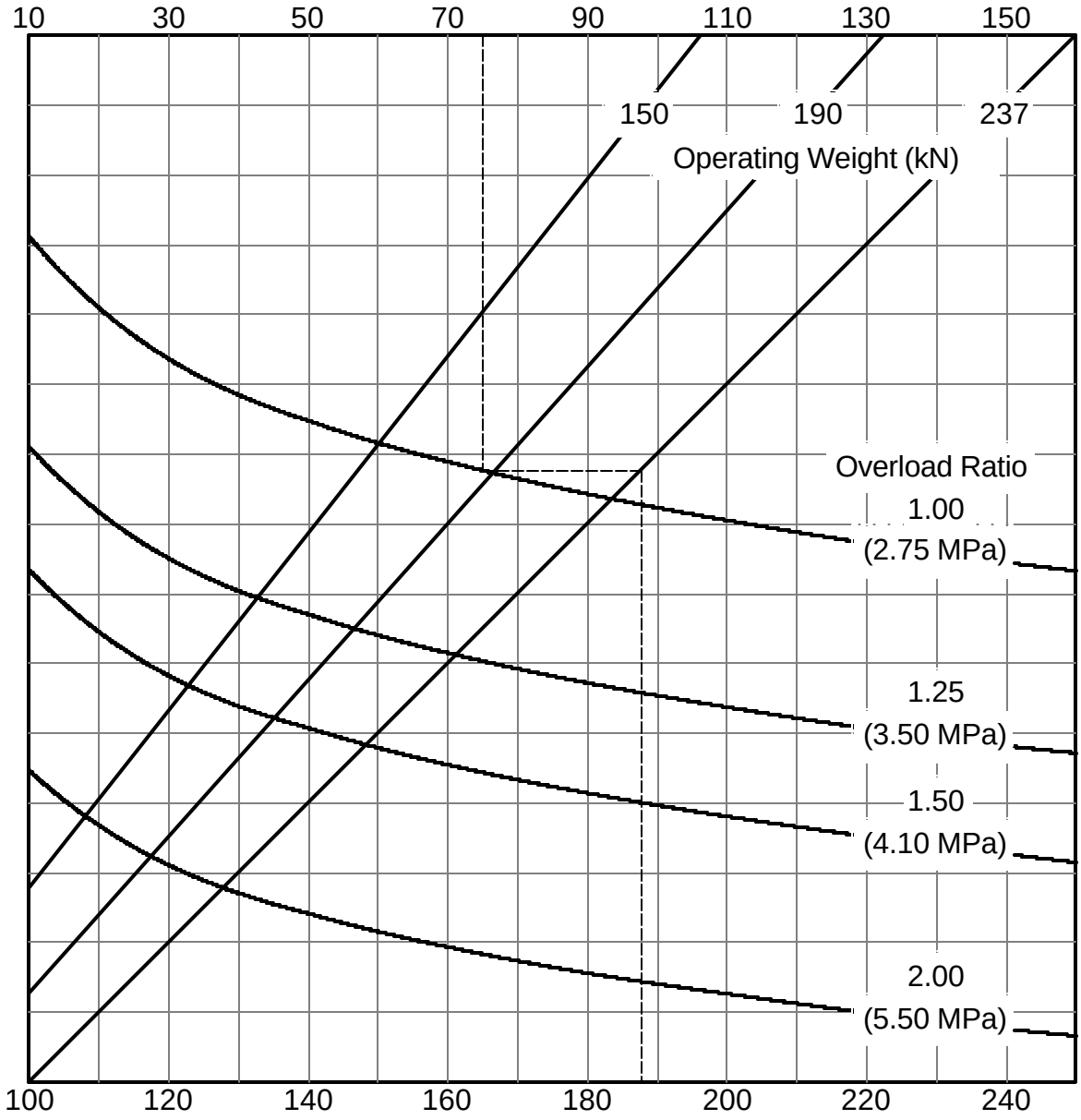
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier Challenger 800
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.12	

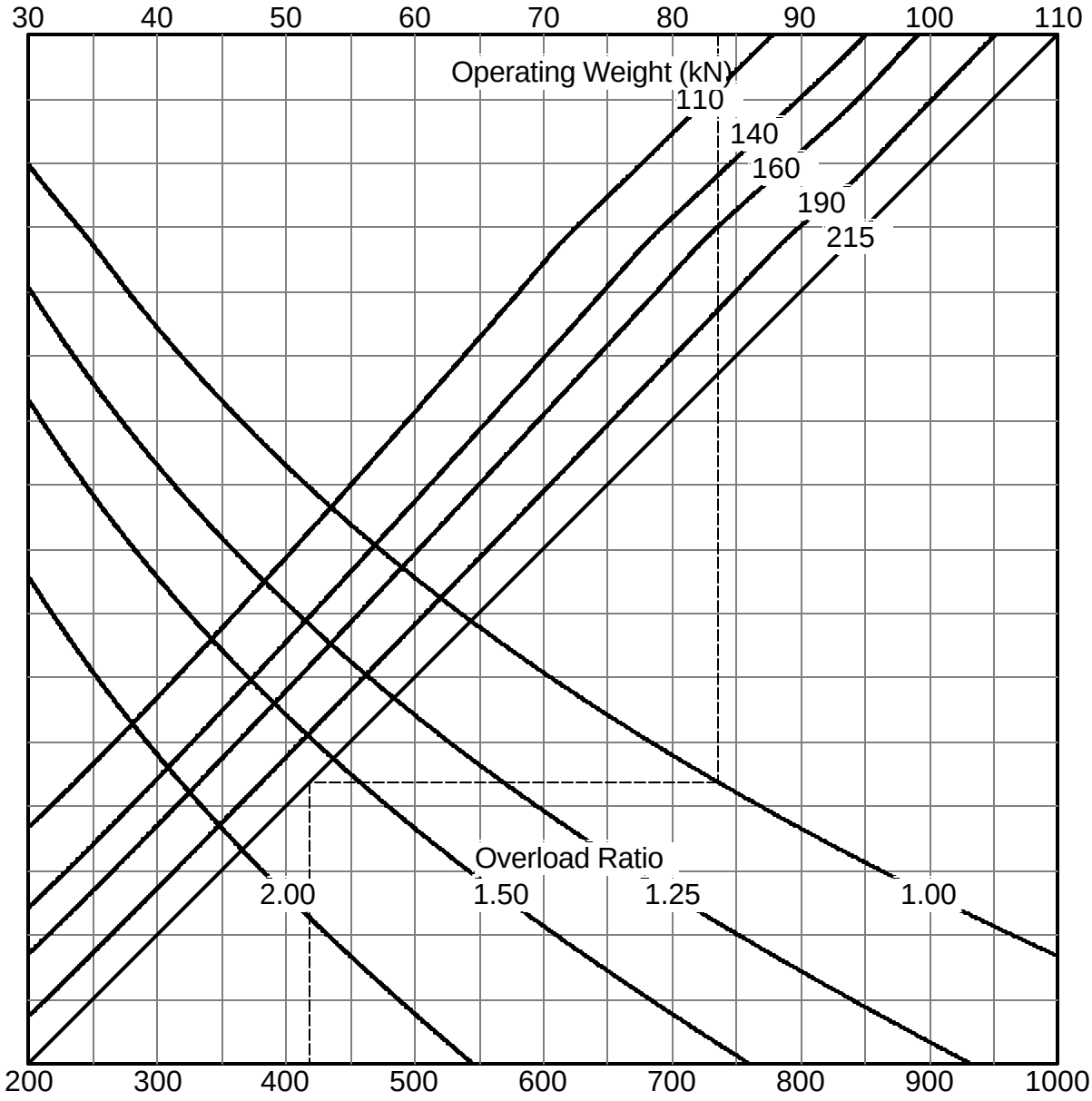
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier CL 600, 601, 604
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	420 mm
Tire Pressure (MPa) Pression des Pneus	1.21	

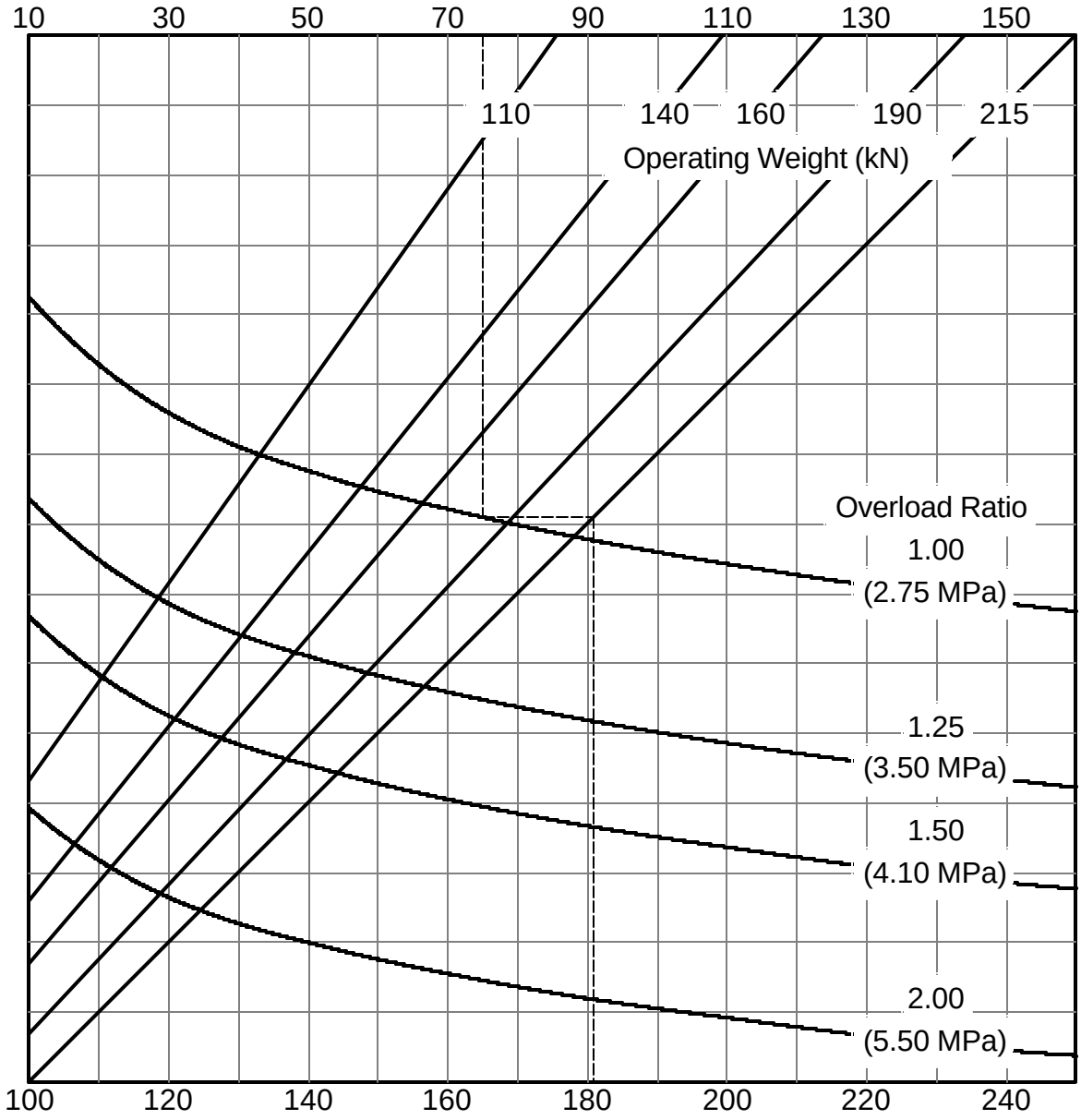
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier CL 600, 601, 604
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	420 mm
Tire Pressure (MPa) Pression des Pneus	1.21	

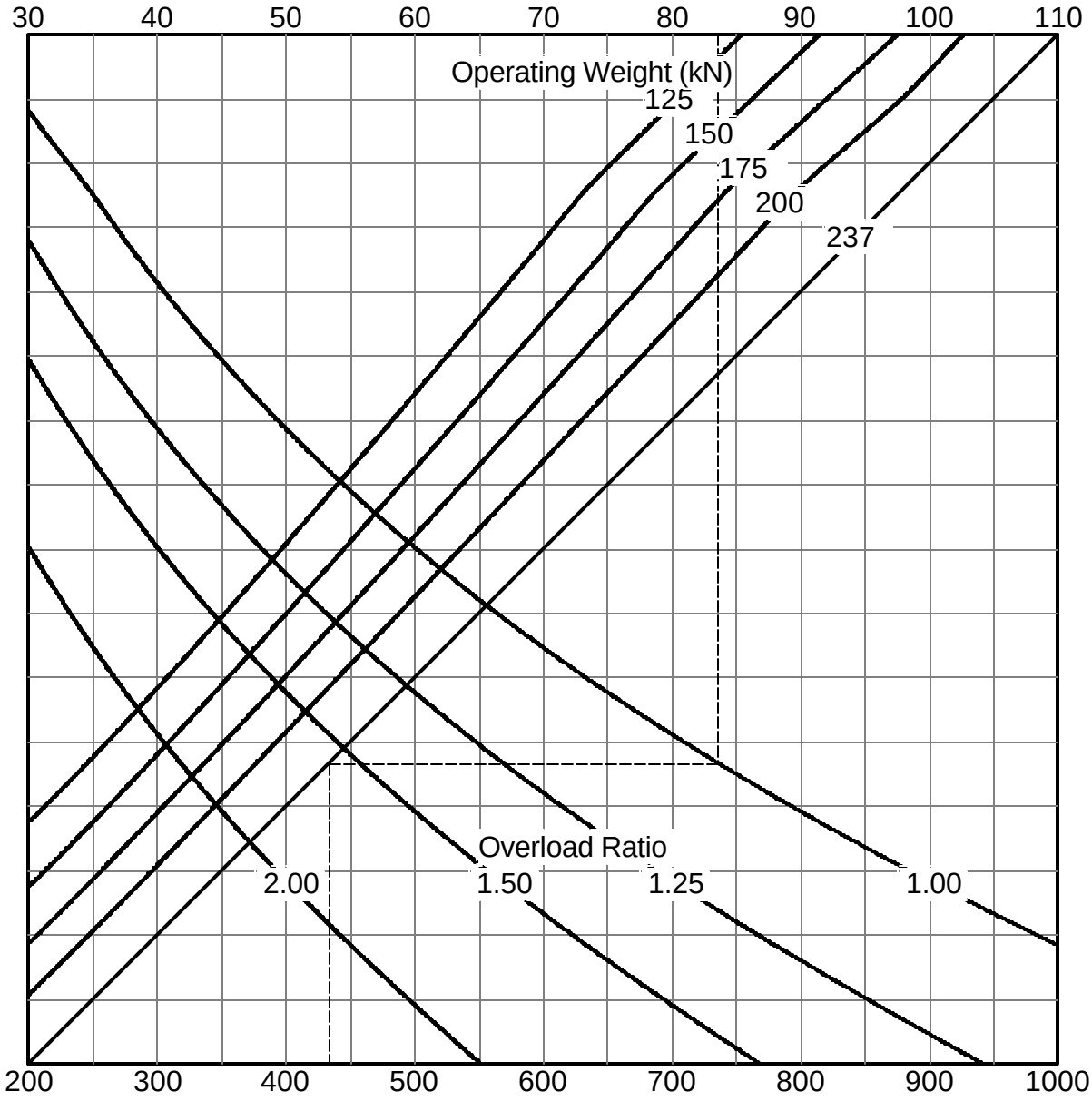
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



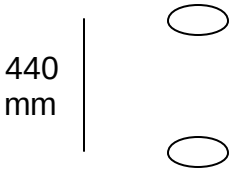
Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier CRJ100, 200, 440
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	440 mm
Tire Pressure (MPa) Pression des Pneus	1.12	

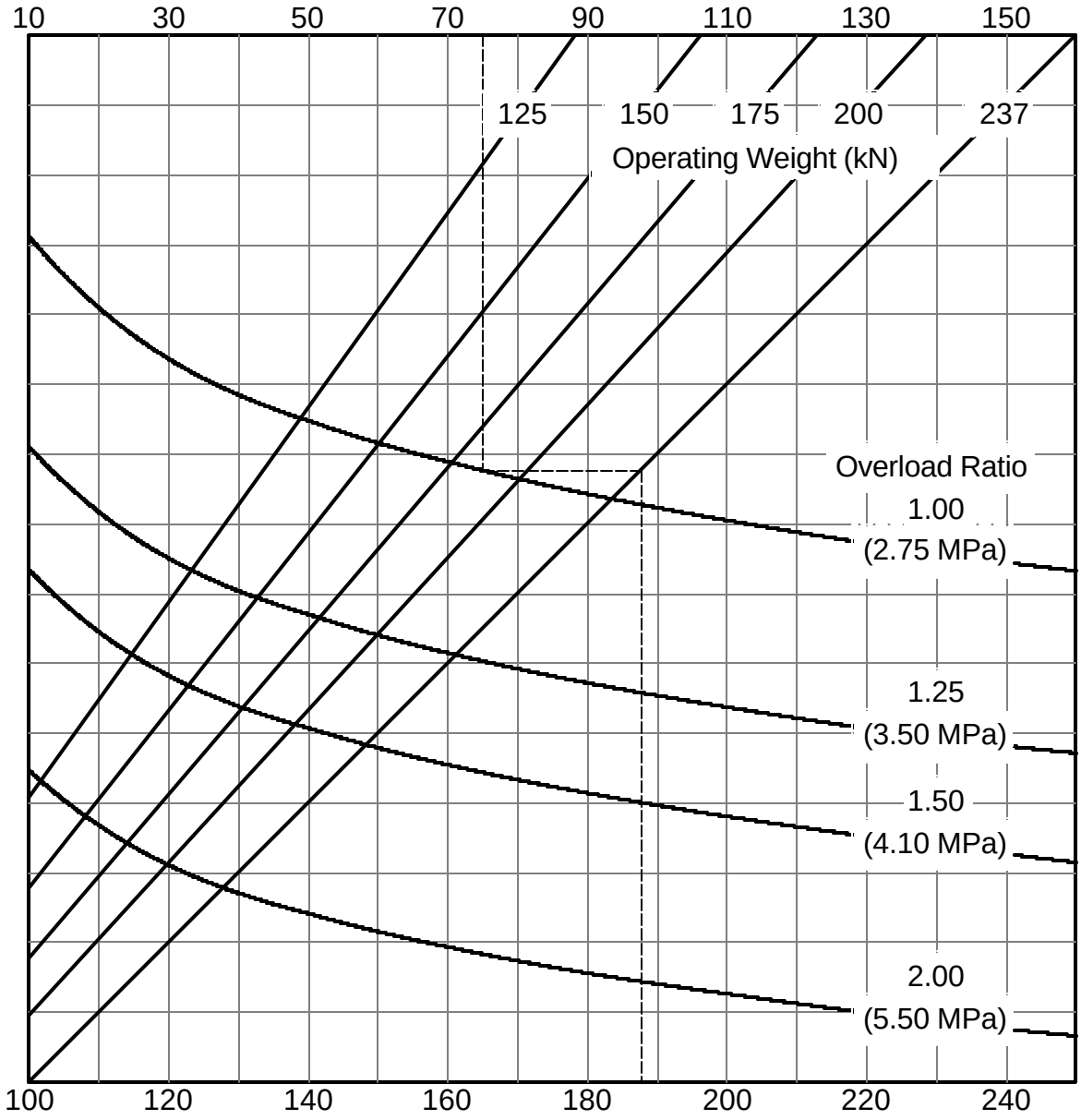
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier CRJ100, 200, 440
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.12	

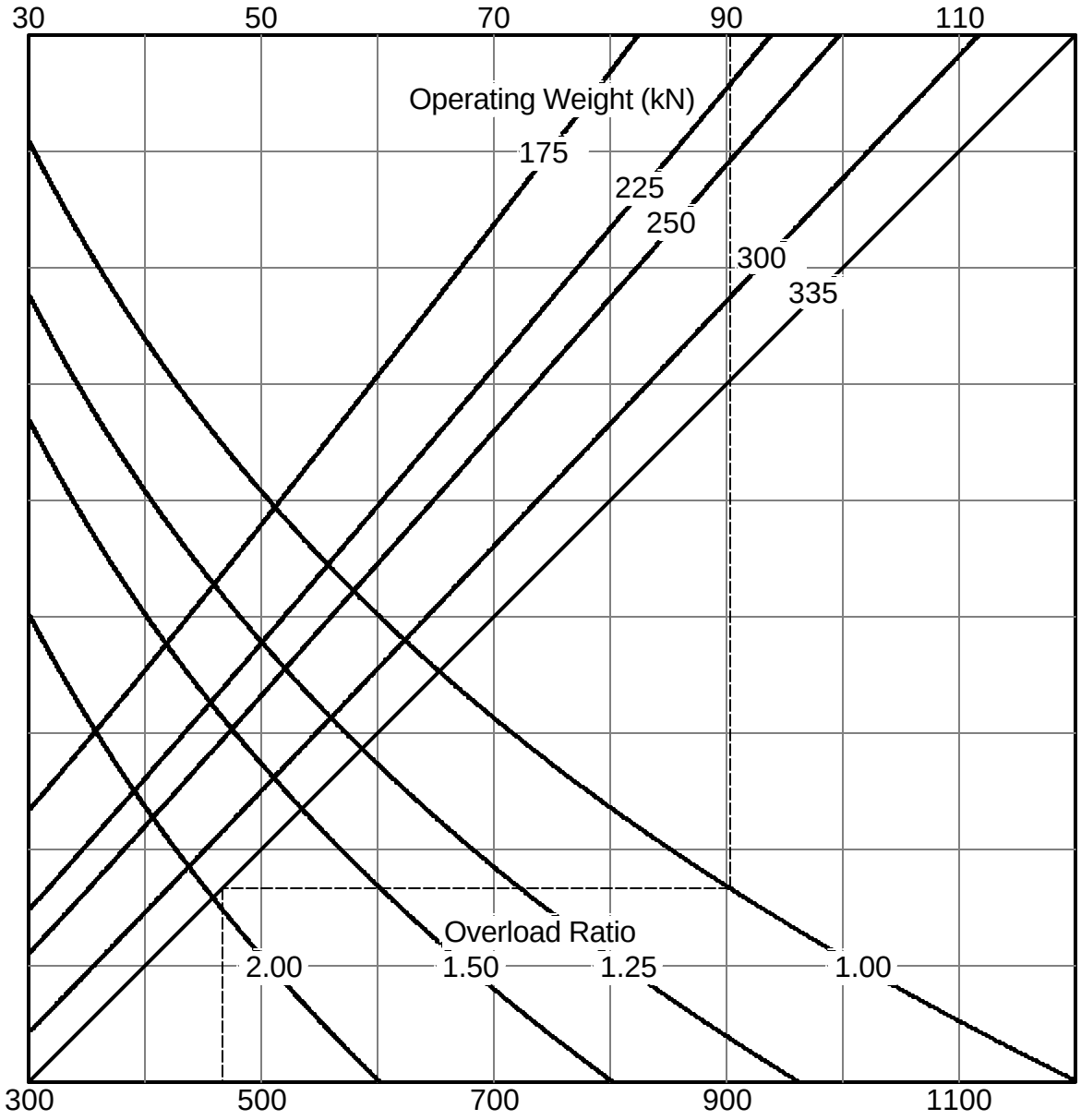
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier CRJ700 Series
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	610 mm
Tire Pressure (MPa) Pression des Pneus	1.06	

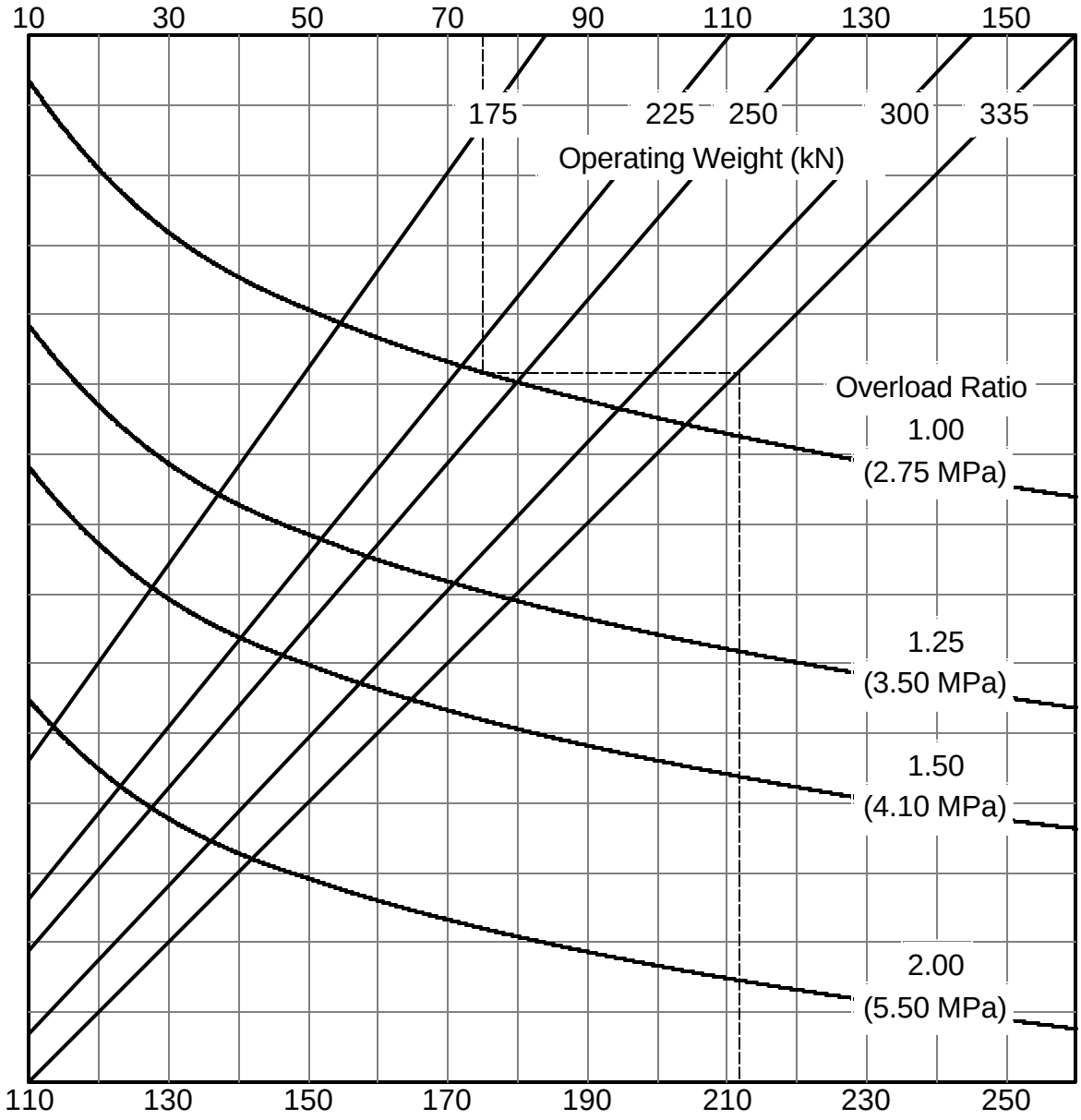
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier CRJ700 Series
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	610 mm
Tire Pressure (MPa) Pression des Pneus	1.06	

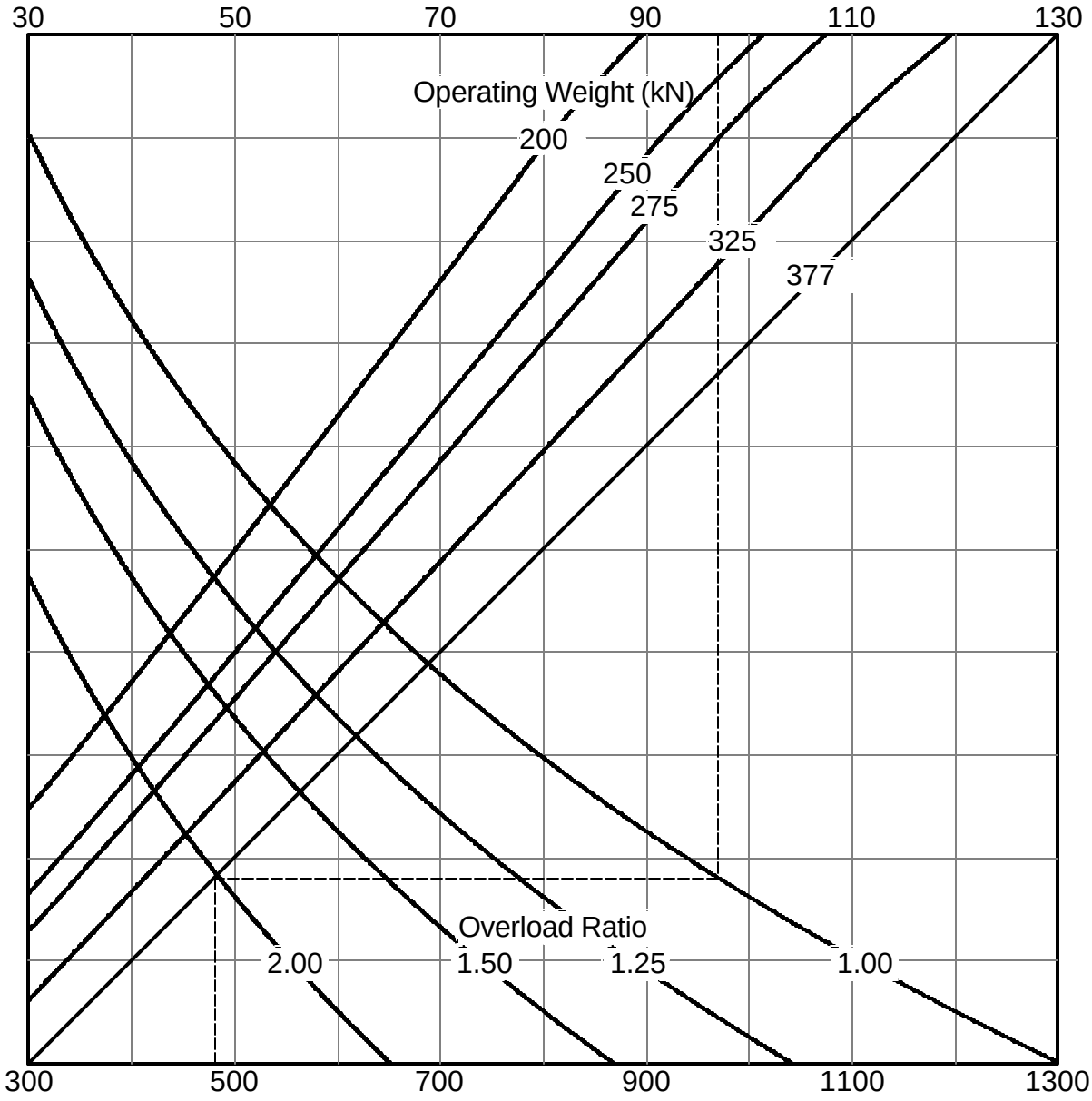
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier CRJ900 Series
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	610 mm
Tire Pressure (MPa) Pression des Pneus	1.06	

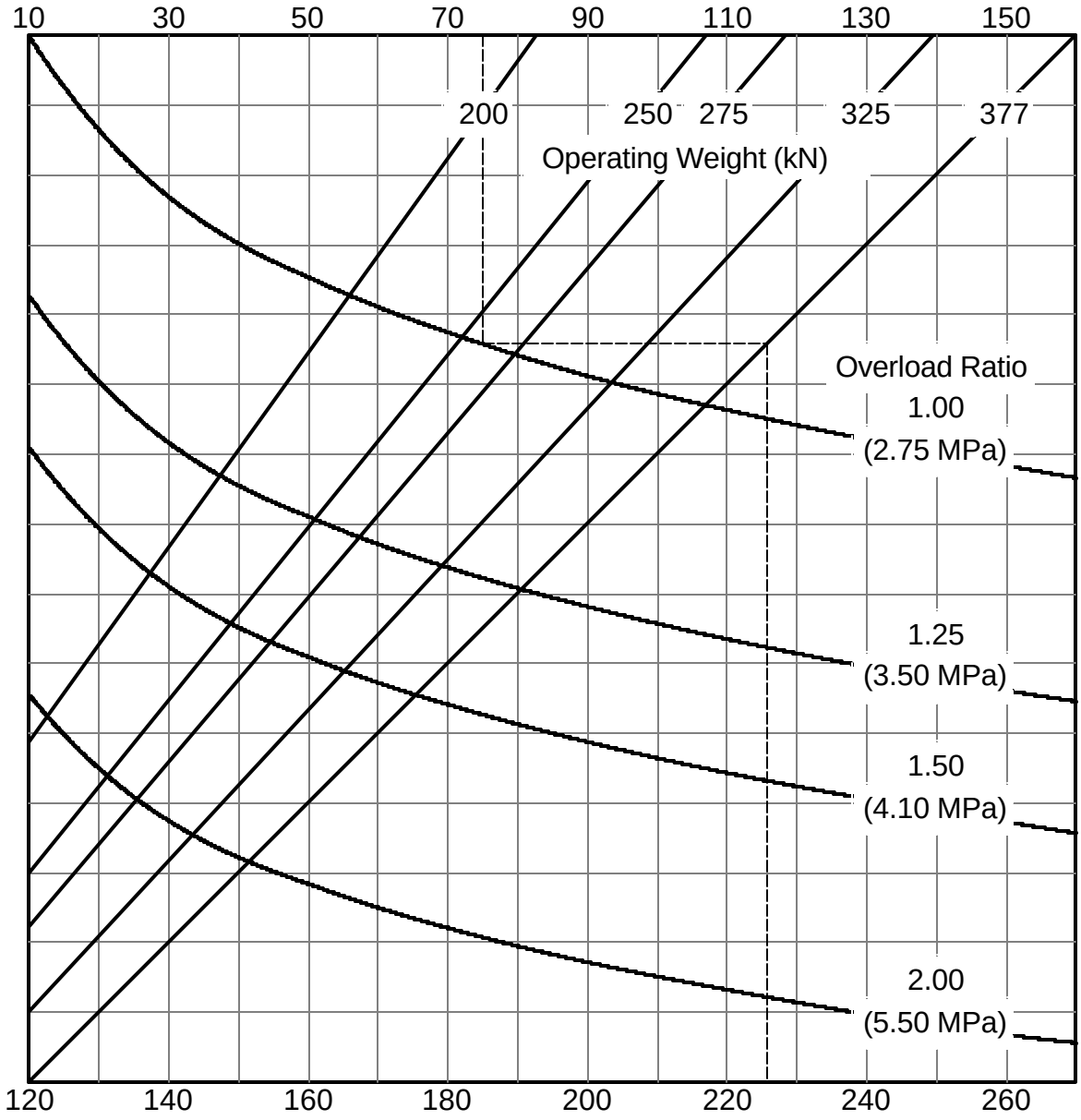
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier CRJ900 Series
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	610 mm
Tire Pressure (MPa) Pression des Pneus	1.06	

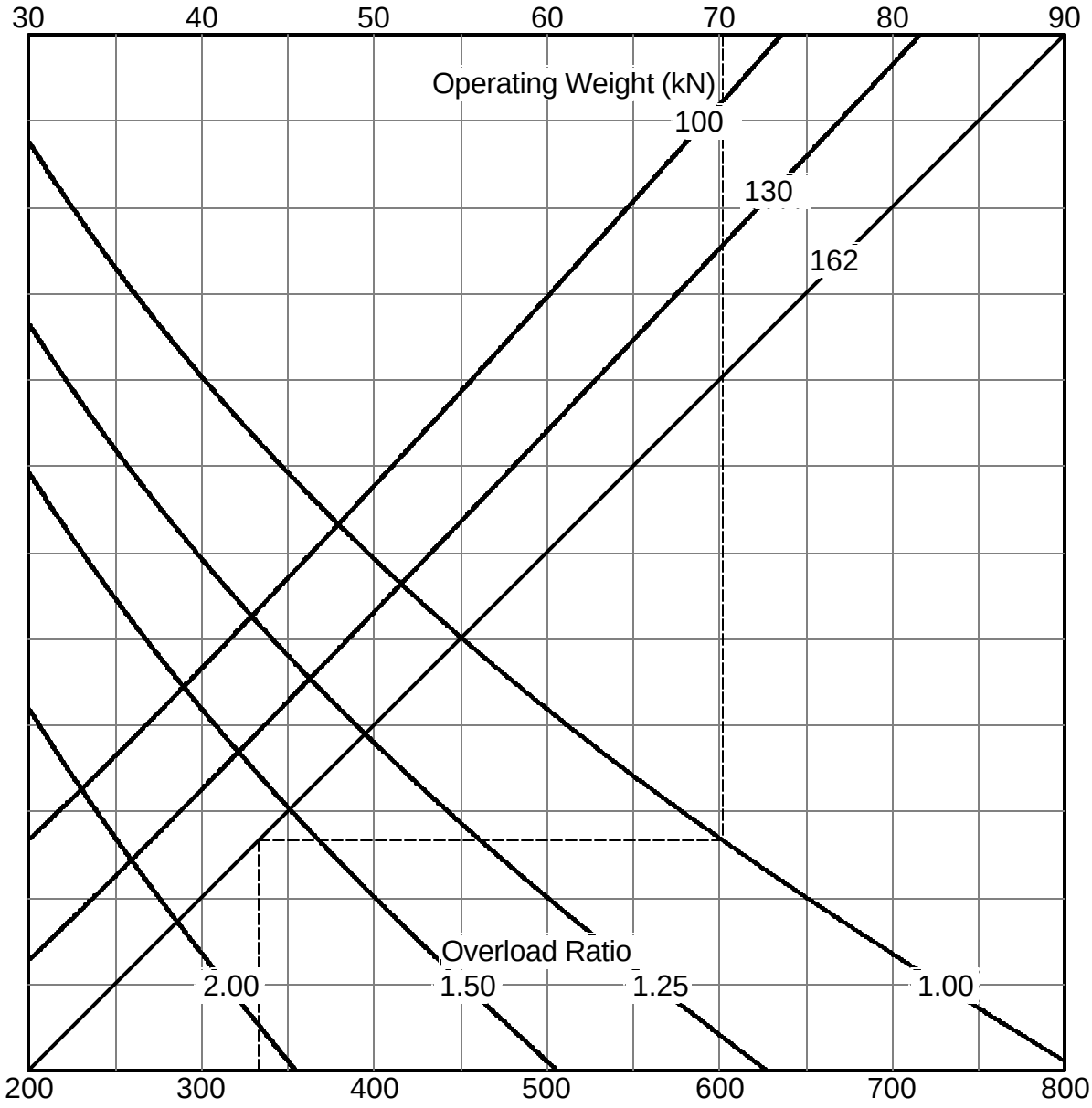
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier Dash 8 Q100/200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	520 mm
Tire Pressure (MPa) Pression des Pneus	0.90	

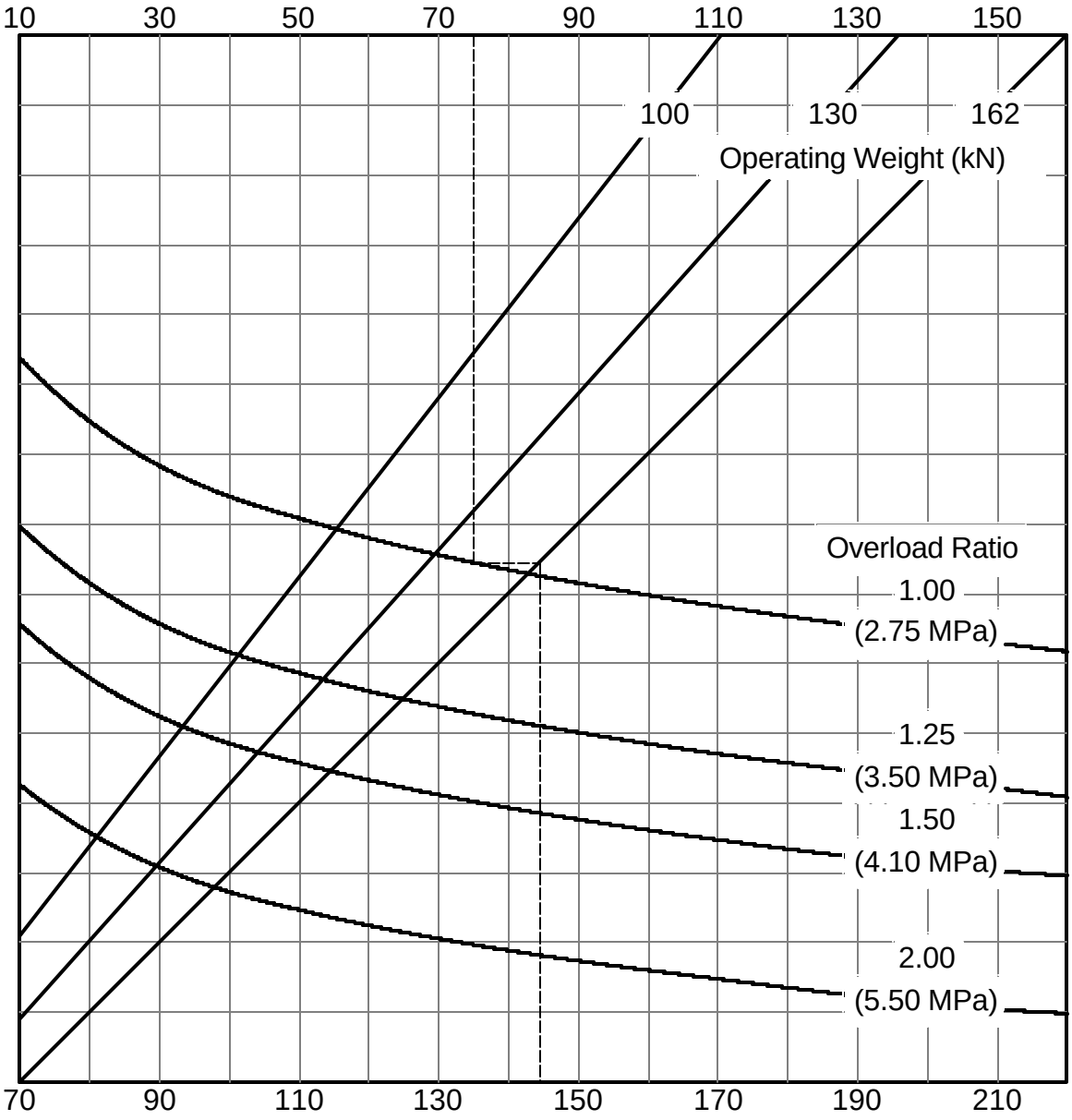
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier Dash 8 Q100/200
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	520 mm
Tire Pressure (MPa) Pression des Pneus	0.90	

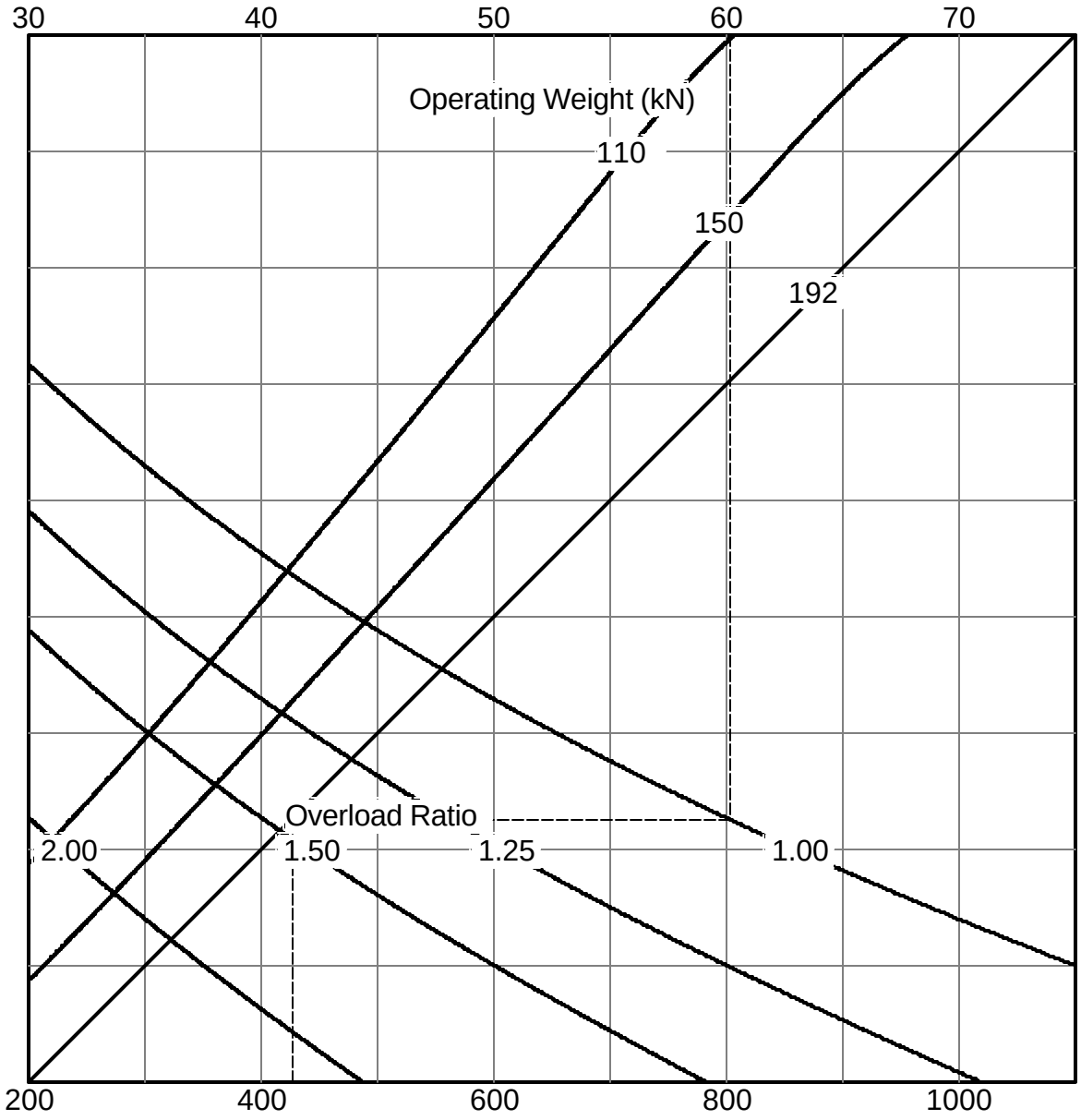
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier Dash 8 Q300 Srs
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	520 mm
Tire Pressure (MPa) Pression des Pneus	0.67	

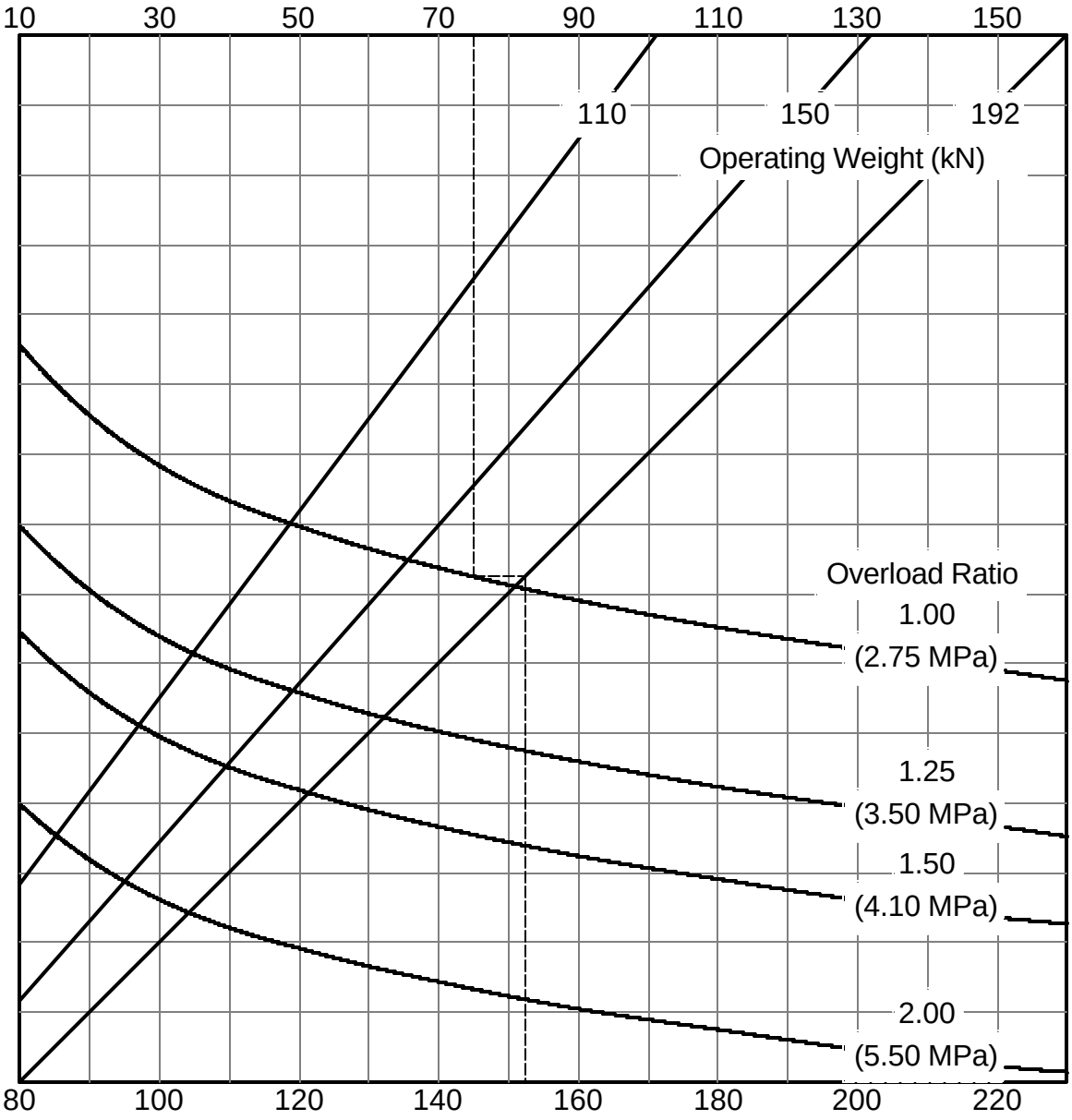
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier Dash 8 Q300 Srs
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	520 mm
Tire Pressure (MPa) Pression des Pneus	0.67	

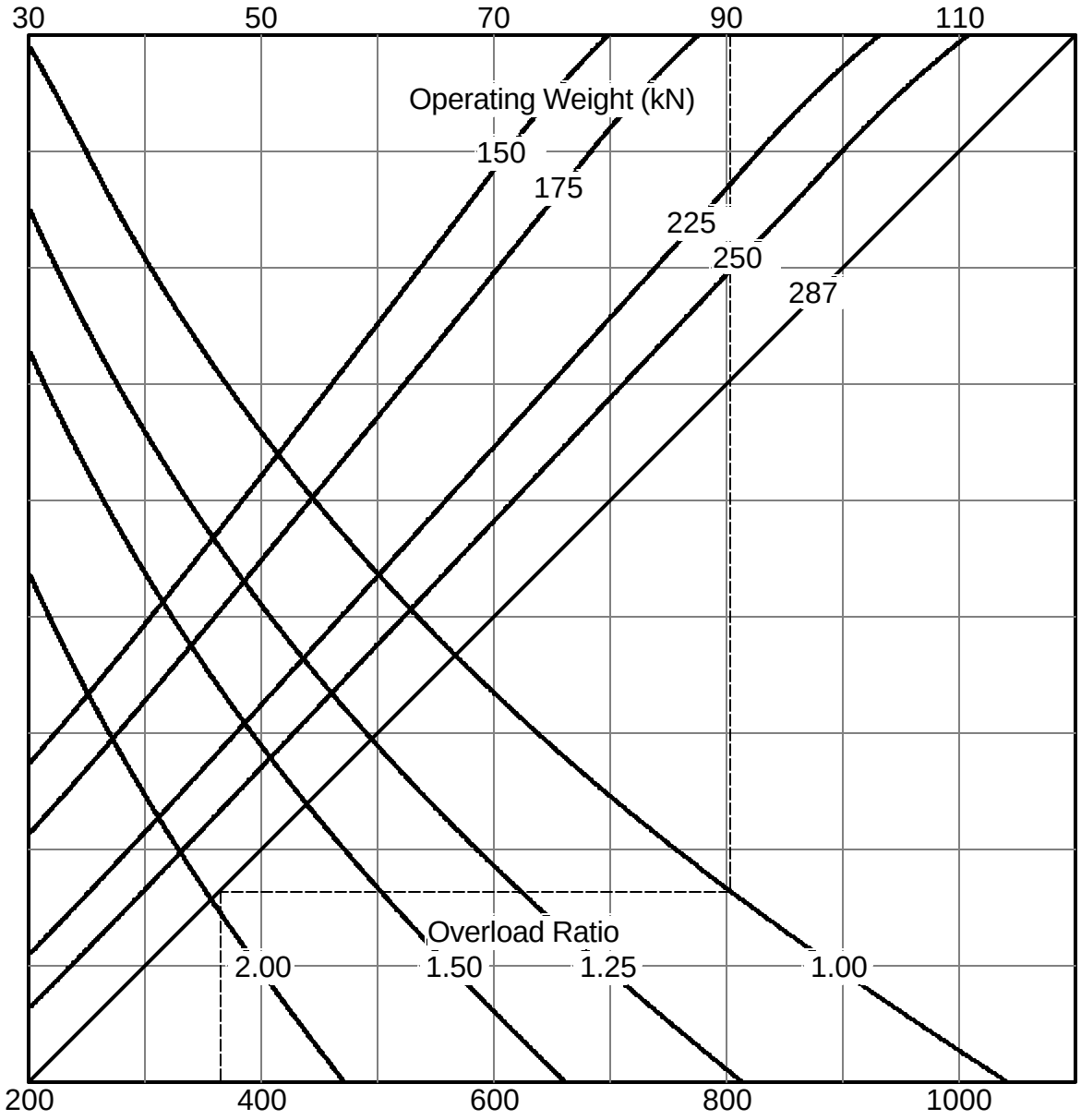
Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton

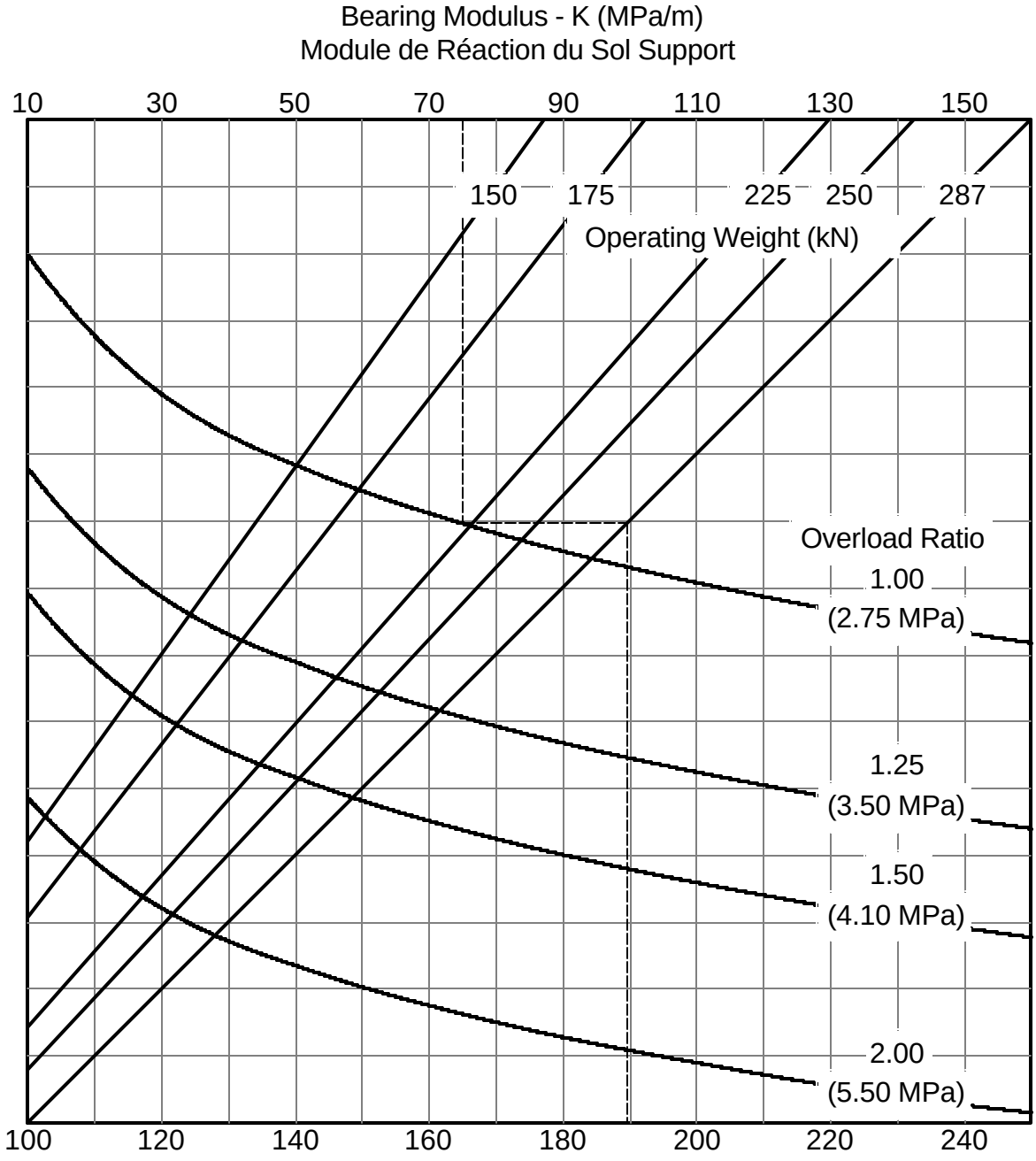
Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier Dash 8 Q400
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	520 mm
Tire Pressure (MPa) Pression des Pneus	0.67	

Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



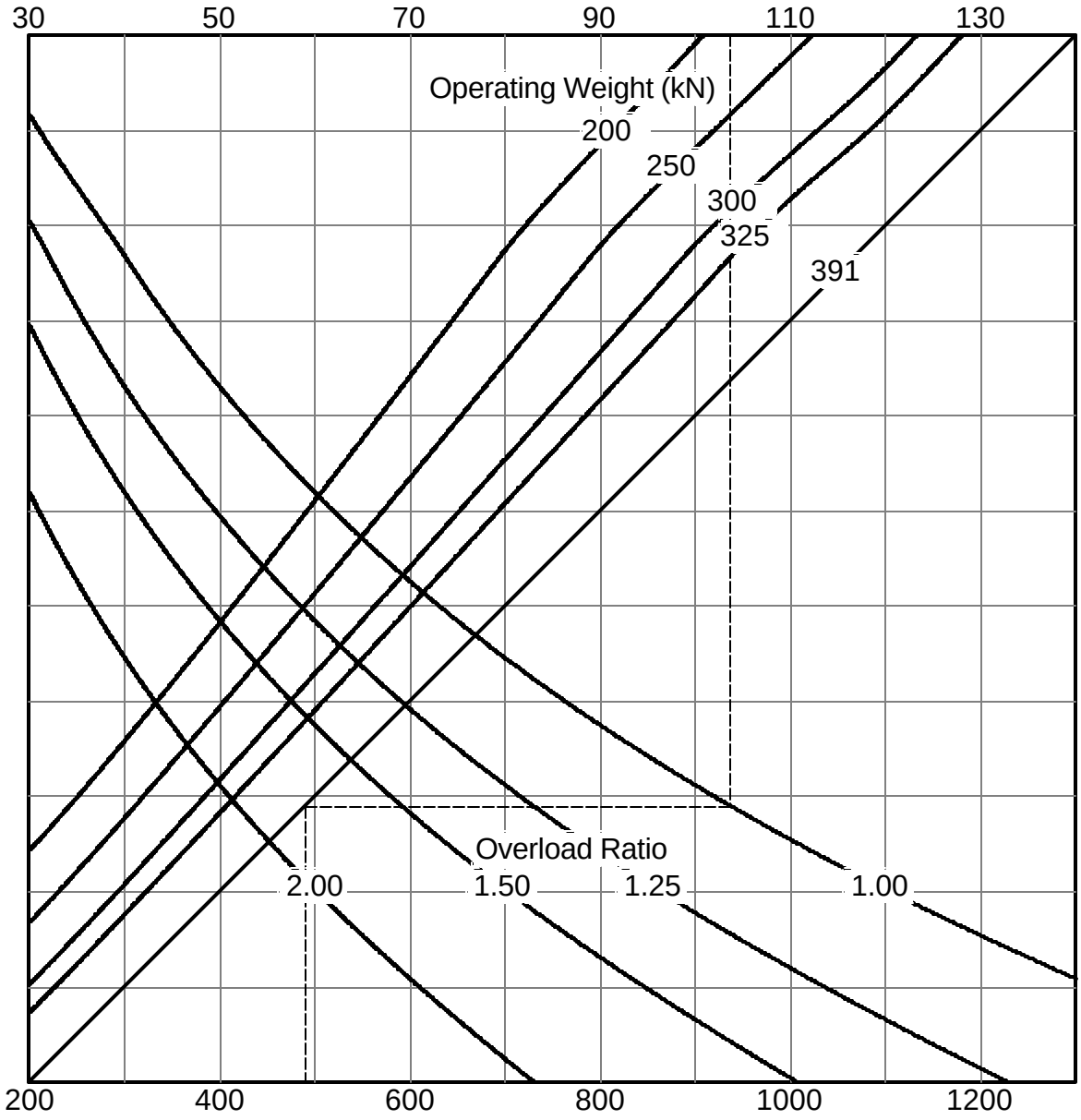
Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier Dash 8 Q400
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	520 mm
Tire Pressure (MPa) Pression des Pneus	0.67	

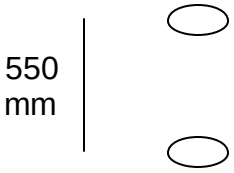


Flexible Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Flexible		Bombardier Global 5000
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	550 mm
Tire Pressure (MPa) Pression des Pneus	1.15	

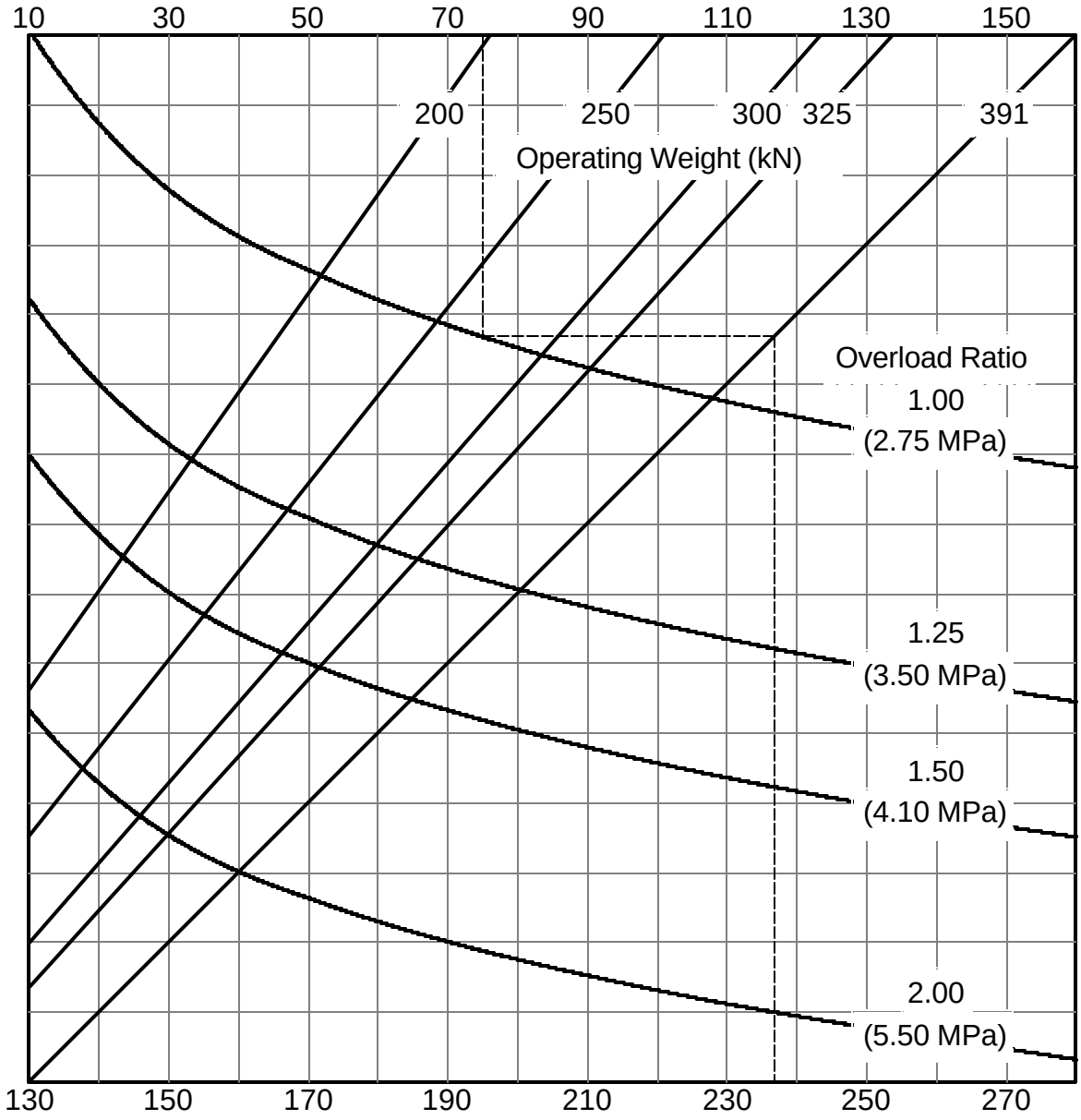
Subgrade Bearing Strength - S (kN)
Force Portante du Sol Support



Pavement Equivalent Granular Thickness - t (mm)
Epaisseur Granulaire Equivalente d'une Chaussée

Rigid Pavement Design & Evaluation Chart Abaque de Calcul d'une Chaussée Rigide		Bombardier Global 5000
% Load on Main Gear % Poids sur Atterrisseur Principal	47.5	
Tire Pressure (MPa) Pression des Pneus	1.15	

Bearing Modulus - K (MPa/m)
Module de Réaction du Sol Support



Concrete Slab Thickness - h (mm)
Epaisseur de la Dalle de Beton