

RIDEMAX FROST - Technical Specifications



Description

RIDEMAX FROST is engineered by BKT for tractors operating in transport and municipal maintenance during snow and ice conditions. With a cold-resistant, specially formulated compound, the tire maintains flexibility and elasticity even at sub-zero temperatures, ensuring optimal grip in extreme winter environments. The tread, featuring multiple sipes, delivers excellent traction on snowy and icy surfaces, creating micro-edges and partial vacuum in the slit that improve grip and reduce the risk of slippage. Additionally, the tread design incorporates snow, utilizing snow-to-snow adhesion to further enhance traction. The compound, made from natural rubber and specific additives, ensures the tire remains flexible and durable in harsh conditions. These specialized compounds also protect the rubber from degradation caused by low temperatures, UV rays, and ozone, prolonging the tire's lifespan. Silica reinforcements increase resistance to cuts and tears on rough or icy terrain, without compromising flexibility. Moreover, RIDEMAX FROST provides superior driving comfort, reducing vibrations and driver fatigue, ensuring safe and efficient operations even during long working hours in winter.

UM

International Standard

Construction

 RADIAL

Machinery

Agriculture: Tractor

Version	STEEL BELTED
Type	TL
Tyre Size	540/80 R 38 IND
LI/SS	172A8/167D

Dimensions International Standard

Section Width (mm)	550
Overall Diameter (mm)	1835
Static Loaded Radius (mm)	842
Rolling Circumference (mm)	5591
SRI (mm)	875
Rim Rec	DW 18 L
Rim Alt	DW 16 L
ECE	E11-106R-0010575

Load capacity (Kg)

km/h / bar	0.8	1.2	1.6	2.0	2.4	2.6	2.8	3.0	3.2
65	2400	3165	3815	4200	4470	4690	4905	5180	5450
50	2595	3420	4125	4540	4830	5070	5305	5600	5890
40	2775	3655	4410	4855	5170	5420	5670	5985	6300
30	2880	3795	4580	5040	5365	5625	5890	6215	6540
20	3025	3985	4810	5290	5635	5910	6185	6530	6870
10	3455	4555	5495	6045	6440	6755	7065	7460	7850
5	4010	5285	6375	7015	7470	7835	8195	8650	9105

Rolling Circumference & SLR values are at rated Load and inflation pressure. These values may vary at different Load and pressure condition.

Printed on 24/11/2024 00:15

All product data contained in this publication are for information purposes only and may be modified at any time without prior notice. Balkrishna Industries Ltd. or any of its subsidiary companies does not undertake any responsibility or liability for undetected errors and/or misprints. All rights reserved. The materials and contents of this publication and the website are the exclusive property of Balkrishna Industries Ltd. and are protected by industrial and/or intellectual property laws. The user is not permitted to copy, reproduce, transfer, upload, make use of, publish or spread any contents, in whole or in part, on paper format, electronic format or otherwise without prior written consent by Balkrishna Industries Ltd..