PRODUCTS CATALOG | 2022

AUTOVALUE

PASSENGER CAR RADIAL TIRES 03

SUMMER TIRE RANGE 06

WINTER TIRE RANGE 07

ALL-SEASON TIRE TIRE RANGE 10

TRUCK & BUS RADIAL TIRES 13

LIGHT TRUCKS & MINIBUSES TIRES 16

TRUCKS, BUSES & TROLLEY BUSES TIRES 22

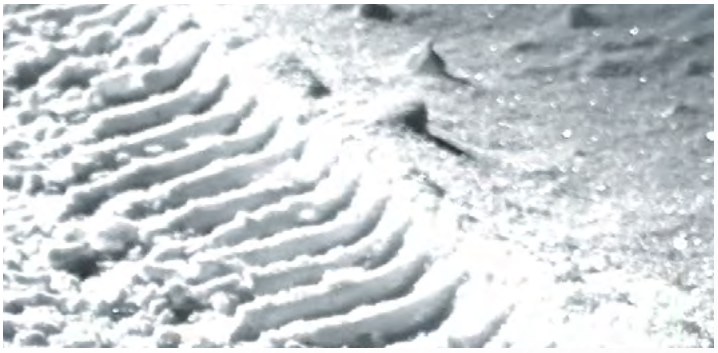
OFF THE ROAD RADIAL TIRES 29

AGRICULTURAL TIRES 30

ROAD BUILDING MACHINES & LOADERS TIRES 56

Designations Used In The Catalog:

- Summer Tire Range
- Winter Tire Range
- All-Season Tire Range
- Small Trailed Agricultural Equipment
- Trailed Agricultural Machinery
- Tractor
- Combine
- Spraying Machine
- Car
- Light Truck, Minibus
- Truck
- Bus, Trolley Bus
- Trailer
- Scooter
- Paver
- Forklift
- Road Building Machine
- Telescopic Loader



PASSENGER CAR
RADIAL TIRES

SUMMER TIRE RANGE

ITEGRO 8

WINTER TIRE RANGE

SNOWGARD 9

WQ-101 10

WQ-102 10

BC-10 10

OI-297, S-1 11

ALL-SEASON TIRE RANGE

BC-19, BC-20 12

BC-48 Capitan 12

BC-1 12

BC-54 13

AS-701 13

K-96 13

TECHNICAL CHARACTERISTICS

Tyre model	Rim diameter	Tyre size	Maximum load, kgf	Pressure corresponding to maximum load, kPa	Load index	Rim recommended	Allowable alternative rim	Overall diameter, mm	Section width, mm, not more, on rim	Speed limit, km/h (speed index)
ITEGRO	13"	155/70R13	387	300	75	4,50B; 4½J	4,00B, 4J; 5,00B; 5J	548	157 — 4½J	190 (T)
		175/70R13	475	280	82	5,00B; 5J	4,50B; 4½J; 5,50B; 5½J; 6,00B; 6J	580	176 — 5J	210 (H)
	14"	175/65R14	475	280	82	5,00B; 5J	5,50B; 5½J; 6J	584	177 — 5J	210 (H)
		175/70R14	500	280	84	5,00B; 5J	4½J; 5,50B; 5½J; 6J	606	176 — 5J	210 (H)
		185/60R14	475	280	82	5½J	5J; 6J; 6½J	578	189 — 5½J	210 (H)
		185/65R14	530	280	86	5½J	5J; 6J; 6½J	596	189 — 5½J	210 (H)
		185/70R14	560	280	88	5½J	4½J; 5J; 6J	616	189 — 5½J	210 (H)
	15"	185/60R15	500	280	84	5½J	5J; 6J; 6½J	603	189 — 5½J	210 (H)
		185/65R15	560	280	88	5½J	5J; 6J; 6½J	621	189 — 5½J	210 (H)
		195/65R15	615	280	91	6J	5½J; 6½J; 7J	635	201 — 6J	210 (H)
		205/60R15	615	280	91	6J	5½J; 6½J; 7J; 7½J	627	209 — 6J	240 (V)
	16"	195/55R16	545	280	87	6J	5½J; 6½J; 7J	595	201 — 6J	240 (V)
		205/55R16	615	280	91	6½J	5½J; 6J; 7J; 7½J	632	214 — 6½J	240 (V)
		205/60R16	630	280	92	6J	6½J; 7J; 7½J	652	209 — 6J	240 (V)
		215/60R16	690	280	95	6½J	6J; 7J; 7½J	664	221 — 6½J	240 (V)
		215/65R16	750	280	98	6½J	6J; 7J; 7½J	686	221 — 6½J	240 (V)
		225/60R16	750	300	98	6½J	6J; 7J; 7½J; 8J	676	228 — 6½J	240 (V)
SNOWGARD	13"	175/70R13	475	280	82	5J; 5,00B	4,50B; 4½J; 5,50B; 5½J; 6,00B; 6J	580	176 — 5J	190 (T)
	14"	175/65R14	475	280	82	5J; 5,00B	5½J; 5,50B; 6J	584	177 — 5J	190 (T)
		175/70R14	500	280	84	5J; 5,00B	4½J; 5½J; 5,50B; 6J	606	176 — 5J	190 (T)
		185/60R14	475	280	82	5½J	5J; 6J; 6½J	578	189 — 5½J	190 (T)
		185/65R14	530	280	86	5½J	5J; 6J; 6½J	596	189 — 5½J	190 (T)
		185/70R14	560	280	88	5½J	4½J; 5J; 6J	616	189 — 5½J	190 (T)
	15"	185/65R15	560	280	88	5½J	5J; 6J; 6½J	621	189 — 5½J	190 (T)
		195/65R15	615	280/300	91	6J	5½J; 6½J; 7J	635	201 — 6J	190 (T)/210 (H)
		205/65R15	670	280	94	6J	5½J, 6½J, 7J, 7½J	647	209 — 6J	190 (T)
	16"	205/60R16	630	280	92	6J	6½J; 7J; 7½J	652	209 — 6J	190 (T)
		215/60R16	690	280	95	6½J	6J; 7J; 7½J	664	221 — 6½J	190 (T)
		215/65R16	750	280	98	6½J	6J; 7J; 7½J	686	221 — 6½J	190 (T)
WQ-101	13"	155/70R13	387	280	75	4,50B; 4½J	4,00B; 4J; 5,00B; 5J	548	157 — 4½J	190 (T)
		175/70R13	475	250	82	5,00B; 5J	4,50B; 4½J; 5.50B; 5½J; 6,00B; 6J	580	176 — 5J	180 (S)
		185/65R13	500	250	84	5,50B; 5½J	5,00B; 5J; 6,00B; 6J; 6½J	568	191 — 5.50B	180 (S)
	14"	175/70R14	500	250	84	5,00B; 5J	4½J; 5,50B; 5½J; 6J	606	176 — 5J	180 (S)
	15"	205/65R15	670	250	94	6J	5½J; 6½J; 7J; 7½J	647	209 — 6J	190 (T)
WQ-102	13"	175/70R13	475	250	82	5,00B; 5J	4,50B; 4½J; 5,50B; 5½J; 6,00B; 6J	580	176 — 5J	180 (S)
	14"	185/60R14	475	250	82	5½J	5J; 6½J; 6J	578	189 — 5½J	180 (S)
	15"	195/65R15	615	250	91	6J	5½J; 6½J; 7J	635	201 — 6J	180 (S)
		205/70R15	690	250	95	6J	5½J; 6½J; 7J	669	209 — 6J	180 (S)
	16"	205/55R16	615	300	91	6½J	5½J; 6J; 7J; 7½J	632	214 — 6½J	190 (T)
BC-10	13"	155/70R13	387	280	75	4,50B; 4½J	4,00B; 4J; 5,00B; 5J	548	157 — 4½J	160 (Q)
OI-297, S-1	14"	205/70R14	690	250	95	6J	5½J; 6½J; 7J	652	206 - 6J	160 (Q)
BC-19	13"	165/70R13	437	250	79	5,00B; 5J	4,00B; 4J; 4½J; 4,50B; 5,50B; 5½J	568	167 — 5J	190 (T)
BC-20	13"	175/70R13	475	250	82	5.00B; 5J	4.50B; 4½J; 5.50B; 5½J; 6.00B; 6J	580	176 — 5J	190 (T)
BC-48 Capitan	13"	175/70R13	475	250	82	5,00B; 5J	4,50B; 4½J; 5,50B; 5½J; 6,00B; 6J	580	176 — 5J	190 (T)
BC-1	14"	205/70R14	690	250	95	6J	5½J; 6½J; 7J	652	206 — 6J	190 (T)
BC-54	16"	185/75R16	690	250	95	5J	5½J; 6J	684	184 — 5J	190 (T)
AS-701	16"	205/70R16	730	250	97	6J	5J; 5½J; 6½J; 7J	694	209 — 6J	190 (T)
K-96	10"	**4.00-10C**	325	250	69	-	-	460	108	69 (E)

ITEGRO

SIZES

155/70R13	75T	195/65R15	91H
175/70R13	82H	205/60R15	91V
175/65R14	82H	195/55R16	87V
175/70R14	84H	205/55R16	91V
185/60R14	82H	205/60R16	92V
185/65R14	86H	215/60R16	95V
185/70R14	88H	215/65R16	98V
185/60R15	84H	225/60R16	98V
185/65R15	88H		

Special elements reduce noise and vibration

Lateral grooves and solid shoulder ribs increase rigidity of the shoulder area, thereby controlling the road-holding ability when turning.

The base of wide longitudinal grooves has big rounding radius, what increases the tread stiffness thereby improving its grip on dry road.

- Unique SILANIZATION technology improves grip on dry and wet roads
- Optimized rolling resistance provides lower fuel consumption
- Better steering response and directional stability when driving straight and at turning
- Lateral grooves in shoulder area provide accelerated heat removal and increase tyre life
- Reduced noise and vibration are ensured by a 5-step configuration of tread elements

SNOWGARD

M+S

SIZES

175/70R13	82T	185/65R15	88T
175/65R14	82T	195/65R15	91T/H*
175/70R14	84T	205/65R15	94T
185/60R14	82T	205/60R16	92T
185/65R14	86T	215/60R16	95T
185/70R14	88T	215/65R16	98T

* friction tyre

The maximum safety of the tyre on packed snow and ice is provided by alternation of the ordinary lugs and concave lugs, which contributes to the creation of additional gripping edges for the next lug, as well as better heat elimination.

Three-dimensional lamellas by 3D GRIPPING technology, enable to increase stiffness of tread blocks, and hence, the tyre itself.

- New rubber compound provides better grip in winter
- Excellent handling, cornering and high maneuverability due to 3D Gripping
- Maximum safety on packed snow and ice due to efficient braking
- Negative curvature improves heat removal and so extends tyre life
- Studdable model

WQ-101

SIZES

155/70R13	75T
175/70R13	82S
185/65R13	84S
175/70R14	84S
205/65R15	94T

- Excellent handling and efficient braking on winter roads
- Better traction on loose snow and slush
- Great number of lamellae ensure efficient expel of water and snow slush
- Low rolling resistance provides reduced fuel consumption
- Improved wear resistance

WQ-102

SIZES

175/70R13	82S
185/60R14	82S
195/65R15	91S
205/70R15	95S
205/55R16	91T

- Improved steering response
- Excellent braking on icy roads
- Effective traction on snowy and icy roads
- Increased mileage
- Studdable model

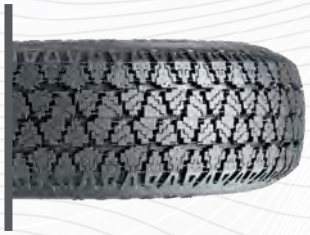
BC-10

SIZES

155/70R13	75Q

- Reliable directional stability on winter roads
- Perfect grip on any road surface
- Perfect braking on ice and wet roads
- Low noise level

OI-297, S-1



SIZES

205/70R14	95Q

- Perfect grip on snowy and icy roads
- Safety in winter
- High performance
- Studdable model

BC-19, BC-20

SIZES

165/70R13	79T
175/70R13	82T

- Ideal combination of performance characteristics of summer and winter tyres
- Numerous lamellae with cutting edges provide reliable contact with dry, wet and winter roads
- Increased tyre life

BC-48 Capitan

SIZES

175/70R13	82T

- Tread pattern with special elements ensures efficient expel of water from the contact patch
- Large number of sipes split the water film and provide excellent wet grip
- Aquaplanning protection

BC-1

SIZES

205/70R14	95T

- Excellent traction and grip on road surfaces in winter
- Slots in tread for better tyre flexibility
- High performance

BC-54

SIZES

185/75R16	95T

- Effective grip and high safety standards in all seasons
- Particular type of tread pattern ensures good off-road driving
- Optimized rolling resistance provides reduced fuel consumption
- Low noise level

AS-701

SIZES

205/70R16	97T

- Aggressive tread pattern design ensures impact resistance on dirt roads
- Effective tread self-cleaning ensures larger contact patch
- Good traction and stability at any season
- Fuel saving
- Reduced noise and vibration

K-96

SIZES

4.00-10C	69E

- Safety and comfort while driving
- Long tyre life
- Tyre for cargo scooters, motorcycles and carts for use on roads of various categories

TRUCK & BUS
RADIAL TIRES


LTA-401 18


TRL-502 19


BC-15 19


YA-245-1 20


BC-24 20


TRL-501 21


BC-44 21


Snowgard-VAN 22


BC-34 23


LTW-301 23

TYRES FOR TRUCKS, BUSES AND TROLLEY BUSES


LTA-401 24


MI-173 24


PT-8 24


IK-6AM 25


VS-57, U-2 25


BCI-342, U-7 25


I-N142B 26


O-40 BM-1 26


BC-38 26


BCI-185 27


I-309 D-4 27


I-111 AM 27


ID-304 U-4 28


I-337 U-8 28


I-332, D-4 28


KI-113 29


OI-25 AM 29

TECHNICAL CHARACTERISTICS

Tyre model	Rim diameter	Tyre size	Maximum load, kgf	Pressure corresponding to maximum load, kPa	Load index	Valve type	Rim recommended	Allowable alternative rim	Overall diameter, mm	Section width, mm, not more, on rim	Static radius, mm	Speed limit, km/h (speed index)
Tyres for light trucks and minibuses												
LTA-401	15"	225/70R15C	1120/1060	450	112/110	LB	6½J	6J; 7J	697	228 — 6 ½J	317	170 (R)
TRL-502	13"	155/80R13	500	280	84	LB	4,50B; 4½J	4,00B; 4J; 5,00B; 5J	578	157 — 4½J	263	140 (N)
	13"	165/80R13C	710	450	96	LB	4½J	4J; 5J	596	164 — 4½J	275	140 (N)
BC-15	14"	185/80R14C	900/830	475	104/102	LB	5½J	5J; 6J	652	188 — 5½J	294	140 (N)
YA-245-1	15"	215/90-15C	775	260	99	LK	6L	6J	777	218	364	110 (K)
BC-24	16"	185/75R16C	900/850	475	104/102	LB	5J	5½J; 6J	684	184 — 5J	310	140 (N)
TRL-501	13"	155/70R13	387	250	75	LB	4½J; 4,50B	4J; 4,00B; 5J; 5,00B	548	157 — 4½J	252	140 (N)
	13"	165/70R13	437	250	79	LB	5J; 5,00B	4,00B; 4,50B; 4J; 4½J; 5,50B; 5 ½J;	568	167 — 5J	260	140 (N)
BC-44	14"	185R14C	850/800	450	102/100	LB	5½J	5J; 6J	650	188 — 5½J	292	160 (Q)
	14"	195R14C	950/900	450	106/104	LB	5½J	5J; 6J	666	198 — 5½J	299	160 (Q)
	14"	205R14C	1030/975	450	109/107	LB	6J	5½J; 6½J	686	208 — 6J	306	160 (Q)
SNOWGARD-VAN	15"	195/70R15C	900/850	450	104/102	LB	6J	5J; 5½J	655	201 — 6J	300	170 (R)
	15"	225/70R15C	1120/1060	450	112/110	LB	6½J	6J; 7J	697	228 — 6½J	317	170 (R)
	16"	195/75R16C	975/925	475	107/105	LB	5½J	5J; 6J	698	196 — 5½J	320	170 (R)
	16"	205/65R16C	875/825	375	103/101	LB	6J	5½J; 6½J	672	209 — 6J	309	170 (R)
	16"	215/65R16C	1030/975	475	109/107	LB	6½J	6J; 7J	686	221 — 6½J	315	170 (R)
	16"	225/65R16C	1120/1060	475	112/110	LB	6½J	6J; 7J	698	228 — 6½J	320	170 (R)
	16"	235/65R16C	1215/1150	475	115/113	LB	7J	6½J; 7½J	712	240 — 7J	325	170 (R)
BC-34	16"	215R16C	1060/1000	375	110/108	LB	6J	5½J; 6½J; 7J	750	218 — 6J	345	130 (M)
LTW-301	16"	185/75R16C	900/850	475	104/102	LB	5J	5½J; 6J	684	184 — 5J	310	140 (N)

Tyre model	Rim diameter	Tyre size	Maximum load, kgf	Pressure corresponding to maximum load, kPa	Load index	Inner tube	Valve type	Rim recommended	Allowable alternative rim	Tyre flap	Overall diameter, mm	Section width, mm, not more	Static radius, mm	Speed limit, km/h (speed index)	Ply rating
Tyres for trucks, buses and trolley buses															
LTA-401	16"	7.50R16	1500/1400	675	122/120	-	LB	6.00F SDC; 6.00G SDC; 6L	5.0; 5.5J; 5.50F SDC; 6.50H SDC; 6½L	-	802	220 — 6.00G SDC	373	140 (N)	-
MI-173	20"	7.50-20	1360/1250	440	119/116	7,50-20	GK-115	6,0	6,5	6,7-20	928	213	443	100 (J)	8
PT-8	20"	8.25R20	1650/1500	500	125/122	8.25-20	GK-115	6,5	6,0	6,7-20	962	230	453	110 (K)	10
IK-6AM	20"	8.25-20	1650/1500	490	125/122	8,25-20	GK-115	6,5	6,0	6,7-20	970	234	462	100 (J)	10
VS-57, U-2	20"	8.25R20	1900/1800	600	130/128	8,25-20	GK-115	6,5	6,0	6,7-20	962	230	453	110 (K)	12
I-N142B	20"	9.00R20	2240/2060	630	136/133	9,00-20	GK-135	7,0	6,5	6,7-20	1018	258	475	100 (J)	12
	20"	9.00R20	2500/2300	730	140/137	9,00-20	GK-135	7,0	6,5	6,7-20	1018	258	475	110 (K)	14
	20"	9.00R20	2800/2650	770	144/142	9,00-20	GK-135	7,0	6,25	6,7-20	1018	258	475	110 (K)	16
O-40, BM-1	20"	9.00R20	2240/2060	630	136/133	9,00-20	GK-135	7,0	6,5	6,7-20	1018	258	475	100 (J)	12
BCI-342, U-7	20"	9.00R20	2500/2300	730	140/137	9,00-20	GK-135	7,0	6,5	6,7-20	1018	258	475	110 (K)	14
BC-38	20"	10.00R20	3000/2725	800	146/143	10,00-20	GK-145	7,5	7,0; 8,0	7,7-20	1045	277	488	110 (K)	16
BCI-185	20"	10.00R20	3000/2725	800	146/143	10,00-20	GK-145	7,5	7,0; 8,0	7,7-20	1045	277	488	110 (K)	16
I-309, D-4	20"	10.00R20	3000/2725	800	146/143	10,00-20	GK-145	7,5	7,0; 8,0	7,7-20	1045	277	488	110 (K)	16
I-111AM	20"	11.00R20	3350/3000	820	150/146	11,00-20	GK-145	8,0	8,5	7,7-20	1080	292	505	110 (K)	16
I-332, D-4	20"	12.00R20	3750/3250	850	154/149	12,00-20	GK-145	8,5	9,0	7,7-20	1122	313	526	100 (J)	18
I-337, U-8	20"	12.00R20	3750/3250	850	154/149	12,00-20	GK-145	8,5	9,0	7,7-20	1122	313	526	100 (J)	18
U-4, ID-304	20"	12.00R20	3350/3000	750	150/146	12,00-20	GK-145	8,5	9,0	7,7-20	1122	313	526	100 (J)	16
	20"	12.00R20	3750/3250	850	154/149	12,00-20	GK-145	8,5	9,0	7,7-20	1122	313	526	100 (J)	18
KI-113	20"	12.00R20	2200	520	135	12,00-20	GK-145	514-228	228 (G) - 508	205-508	1142	340	530	110 (K)	8
	20"	12.00R20	2500	520	140	spacer ring 180-508R-1	-	508-228	-	-	1142	340	530	110 (K)	10
	20"	12.00R20	3250	760	149		-		-	-	1142	340	530	90 (G)	14
OI-25AM	20"	14.00-20	2860	380	145	14,00-20	GK-145, RK-5A-14	515-254	254 (G) - 508	14.00-20	1260	390	585	85 (G)	10
	20"	14.00-20	3440	480	147	14,00-20		515-254	254 (G) - 508	14.00-20	1260	390	585	85 (G)	14

LTA-401

Three wide circumferential grooves facilitate rapid drainage of water from the contact area.

Every second lug has a radius part, thus producing additional gripping angles and edges and improving the grip in adverse weather conditions.

Two lines of the tread blocks intensely segmented by a large number of grooves and sipes improve traction in winter.

Massive lugs increase wear resistance.

SIZES

225/70R15C	112/110R

- Stable handling in all weather conditions
- Equal weight distribution and good traction
- Fuel saving
- High mileage

TRL-502

SIZES

155/80R13	84N
165/80R13C	96N

- Reliable performance in all weather conditions
- Excellent wet grip
- Vehicle stability on roads with different surfaces

BC-15

SIZES

185/80R14C	104/102N

- Excellent tread self-cleaning ensure reliable wet grip
- Reliable stability and handling due to the tread pattern

YA-245-1

SIZES

215/90-15C	99K

- Effective tread self-cleaning
- Excellent operation off-road and on soft soil

* Bias ply tyre

BC-24

SIZES

185/75R16C	104/102N

- Effective traction and grip
- Reliable stability on roads with any surface
- High wear resistance

TRL-501

SIZES

155/70R13	75N
165/70R13	79N

- Excellent road adherence
- Reduced rolling resistance
- Reliable road holding

* To be used for low-speed transport

BC-44

SIZES

185R14C	102/100Q
195R14C	106/104Q
205R14C	109/107Q

- High load bearing capacity
- Fuel saving
- Extended tyre life

* To be used for light trucks

SNOWGARD-VAN

SIZES

195/70R15C	104/102R
225/70R15C	112/110R
195/75R16C	107/105R
205/65R16C	103/101R
215/65R16C	109/107R
225/65R16C	112/110R
235/65R16C	115/113R

A large number of zigzag-shaped lamellas efficiently split the water film and, due to their edges, provide additional gripping on ice and snow.

The interlocking blocks of the outer ribs of the tread can carry the increased load, and rigid blocks reduce the braking distance and improve the cornering stability.

The variable grooves of different width and depth effectively evacuate water and snow slush from the contact patch, thereby reducing the risk of aquaplaning.

- New rubber compound ensures better grip on snowy and icy roads
- Higher wear resistance
- Fuel saving
- Increased load bearing capacity

BC-34

SIZES

215R16C	110/108M

- Effective traction and grip
- Reliable stability on any roads in all seasons
- Extended tyre life
- Fuel saving

LTW-301

SIZES

185/75R16C	104/102N

- Enhanced traction under adverse weather conditions in winter
- Excellent stability and handling
- High millage

LTA-401

SIZES

7,50R16	122/120N

- High mileage and comfort
- Equal weight distribution and good traction
- Fuel saving
- Safety on roads with any surface

MI-173

SIZES

7.50R20	119/116J

- High strength and reliable grip
- Resistance to lateral impacts
- Excellent traction in any road conditions
- Extended shelf life

* Bias ply tyre

PT-8

SIZES

8,25R20	125/122K

- Impact resistance when driving over bumps and on poor road surface
- Extra wear resistance for long-term use
- For heavy load vehicles

IK-6AM

SIZES

8,25-20	125/122J

- Reliable grip on roads of various categories
- Fuel saving
- To be used for medium class vehicles

* Bias ply tyre

VS-57, U-2

SIZES

8,25R20	130/128K

- Good traction in all road conditions
- Extended tyre life
- Fuel saving
- Intensive heat removal from the tyre heat-generating zone
- Uniform tread wear

BCI-342, U-7

SIZES

9,00R20	140/137K

- Increased load capacity
- Reduced rolling resistance
- High mileage

I-N142B

SIZES

9,00R20	136/133J
9,00R20	140/137J
9,00R20	144/142J

- Excellent handling and cornering stability
- Comfortable driving on asphalt and dirt roads
- High wear resistance

O-40 BM-1

SIZES

9,00R20	136/133J

- High mileage
- Confident running on roads with different road surfaces
- Fuel saving

BC-38

SIZES

10,00R20	146/143K

- Increased maximum speed
- Extended tyre life
- Reliable grip

BCI-185

SIZES

10,00R20	146/143K

- Effective tread self-cleaning for good grip
- Safety in all weather conditions

I-309 D-4

SIZES

10,00R20	146/143K

- Low rolling resistance
- Excellent steerability
- Increased wear resistance

1-111 AM

SIZES

11,00R20	150/146K

- Reliable grip
- Low rolling resistance
- Uniform tread wear

ID-304 U-4

SIZES

12,00R20	150/146J
12,00R20	154/149J

- Comfortable run on paved and dirt roads
- Increased load capacity
- Good tread self-cleaning

I-337, U-8

SIZES

12,00R20	154/149J

- Increased load capacity (15-20 t)
- Dual spacing of twin tyres is reduced to 350 mm
- Effective tread self-cleaning

I-332, D-4

SIZES

12,00R20	154/149J

- Excellent resistance to mechanical impacts
- Low rolling resistance
- Reduced tyre weight

* To be used for trolleybuses

KI-113

SIZES

12,00R20	135K
12,00R20	140K
12,00R20	149G

- Cross-country tread pattern
- Excellent sand and mud traction
- Increased load capacity
- Withstand extreme temperatures

*Adjustable pressure tyre, radial

OI-25AM

SIZES

14,00R20	145G
14,00R20	147G

- Good cross-country ability
- Confident driving on various roads
- Reliable at ambient temperature from -60 to +55° C

* Adjustable pressure tyre, bias ply

OFF THE ROAD
RADIAL TIRES


VF-242 40


F-292 40


[F-274] 40


IM-301 41


F-288 41


F-122 41


S-1 42


TR-101 42


F-249 42


F-325 43


F-276 43


F-277 44


YA-324A 44


L-163BC 44


V-103 45


V-105A 45


BCF-311 45


FBC-35 46


F-331 46


F-148 46


IYAV-79U 48


IM-302 48

TECHNICAL CHARACTERISTICS

Tyre model	Rim diameter	Tyre size	Maximum load, kgf	Pressure corresponding to maximum load, kPa	Load index	Tube	Valve type	Rim recommended	Allowable alternative rim	Overall diameter, mm	Section width, mm, not more	Static radius, mm	Speed limit, km/h (speed index)	Ply rating
VF-242	10"	4.50-10	300	250	66	4.50-10	LK -35-16,5	3,00Д (D)	4,00E	492	124/134	227	30 (A6)	4
F-292	10"	5.00-10	195	120	51	4.50-10	LK -35-16,5	4,00E	-	504	135	228	30 (A6)	2
F-274	15.3"	10.0/75-15.3	1360	310	119	10.0/75-15.3	LK -35-16,5	9,00	-	760	264	343	40(A8)	8
			1550	390	123									10
			1700	470	126									12
			1900	560	130									14
IM-301	15.3"	10.0/75-15.3	1900	560	130	TT/TL (10.0/75-15.3)	LK -35-16,5	9.00	-	760	264	343	40 (A8)	14
F-288	16"	5.50-16	600	270	90	5.50-16	LK -35-16,5	4,00E	4,50E	691	154/165	325	30 (A6)	4
			850	400	102								40 (A8)	8
			1250	600	116								40 (A8)	12
F-122	16"	5.50-16	345	160	71	5.50-16	LK -35-16,5	4,00E	4,50E	704	154/165	335	30 (A6)	4
S-1	16"	6.50/88-16	630	200	92	5.50-16	LK -35-16,5	5,50F	4,50E	725	190	335	30 (A6)	4
			730	250	97									6
TR-101	16"	6.50-16	775	275	99	5.50-16	LK -35-16,5	4,50E	5,50F	741	189	345	30 (A6)	6
F-249	16"	7.50-16	730	140	97	7.50-16	LK -35-16,5	6,00F	-	770	214	328	30 (A6)	4
			900	210	104									6
F-325	16"	210/80R16	710	160	96	6.95-16	LK -35-16,5	5,50F	6,00F; W6; W7; 6LB; 6½L	734	205	341	40 (A8)	-
F-276	16"	13.0/75R16	1900	240	130	12-16	GK -105	W11	W8; 8,00 V	900	336	400	30 (A6)	8
F-277	16"	9.00-16	1650	350	125	9.00-16	GK -95; GK -105; GK -115	6,00F	6,00F	860	254	388	30 (A6)	10
			2240	590	136			W8	W7; 6,00F; W8L	870	260	380	30 (A6)	14
YA-324A	16"	9.00-16	1550	350	123	9.00-16	GK -95; GK-105; GK -115	6,0 collapsible	-	896	255	414	30 (A6)	10
L-163BC	16"	12-16	1900	250	130	12-16	GK-50; GK -95; GK-105; GK -115; GK -135; LK -35-16,5	W8	-	930	325	416	30 (A6)	8
V-103	20"	7.50-20	875	280	103	7.50-20	GK -115	5,50F	5,00F	910	205	427	30 (A6)	6
V-105A	20"	8.3-20	850	250	102	8.3-20	TK; GK-50	W7	-	950	211	448	30 (A6)	8
BCF-311	20"	9.00R20	1120	260	112	9.00-20; 8.3-20	LK-35-16,5; TK; GK -50	W7	5,50F	930	234	425	40 (A8)	6
FBC-35	20"	11.2-20	1285	250	117	11.2-20	TK; GK -50	W10	W9; W7	985	284	460	30 (A6)	8
											274; 254			
F-331	20"	13.6R20	1400	160	120	13.6-20	TK	W12	-	1060	345	480	40 (A8)	8
F-148	24"	18.4-24	2240	140	136	18.4-24; 21.3-24	TK	DW16	-	1400	467	623	30 (A6)	8
			3350	230	150									10
			4250	300	158									12
IYAV-79U	24"	21.3-24	2500	160	140	18.4-24; 21.3-24	TK	DW18	-	1400	540	640	40 (A8)	10
			3875	250	155									12
			4500	300	160									16
IM-302	24"	460/70R24	2180	160	135	TL	-	DW15L	DW14L	1254	455	568	40 (A8)	-
			3550	320	152									
			4375	400	159									

* Mainly tubeless.

TT - tube type, TL - tubeless


TR-107 48


TR-302 49


TR-301 49


CM-102 50


TR-102 51


TR-103 51


TR-106 51


TR-07 52


CM-101 53


F-81, F-81M 54


BCK-10 54


F-136 54


IM-303 55


CM-103 55


F-179 56


TR-07 56


BCF-2A 56


TR-201 58


TR-202 58


TR-203 58


TR-204 59


IM-304 59

TECHNICAL CHARACTERISTICS

Tyre model	Rim diameter	Tyre size	Maximum load, kgf	Pressure corresponding to maximum load, kPa	Load index	Tube	Valve type	Rim recommended	Allowable, alternative rim	Overall diameter, mm	Section width, mm, not more	Static radius, mm	Speed limit, km/h (speed index)	Ply rating
TR-107	24″	14.9R24 (380/85R24)	1700	160	126	14.9-24	TK	W13	W12	1245	378	565	40 (A8)	-
			2300	240	137									
TR-302	24″	540/70R24 (21.3R24)	2500	160	140	18.4-24; 21,3-24	TK, GK -105	DW18	-	1400	540	640	30 (A6)	-
			3350	240	150								30 (B)	
TR-301	26″	28.1R26	4250	160	158	28.1-26	TK	DW24	DW25A	1735	750	780	50 (B)	-
CM-102	26″	750/65R26 (28LR26)	5300	240	166	TL	-	DW25B	DW23B	1621	727	723	40 (B)	-
TR-102	28″	540/65R28	3250	240	149	TL	-	W16L	W18L	1413	550	640	40 (B)	-
TR-103	28″	600/65R28	4125	240	157	TL	-	DW20B	DW18L; W18L	1491	591	672	40 (A8)	-
TR-106	30″	600/70R30	3550	160	152	TL	-	DW20B	DW18L, W18L	1602	591	710	65 (D)	-
			4250	240	158									
TR-07	32″	650/75R32	6300	320	172	TT/TL (30.5L-32)	TK	DW21B	DW20B DW23B	1789	645	803	40 (A8)	-
CM-101	32″	800/65R32	5450	160	167	TT/TL (30.5L-32)	TK	DW27B	DW25B; DH27B	1853	798	830	40 (A8)	-
			6300	240	172									
			7500	320	178									
F-81	32″	30.5R32	4750	170	162	30.5L-32	TK	27.00-32 collapsible	-	1830	775	830	30 (A6)	12
F-81M	32″	30.5R32	5450	160	167	30.5L-32	TK	27.00-32, collapsible	DW27	1830	775	830	30 (A6)	16
BCK-10	32″	30.5L-32	5450	170	167	30.5L-32	TK	DW27	-	1800	775	830	30 (A6)	16
F-136	32″	30.5L-32	5450	170	167	30.5L-32	TK	DW27	-	1870	775	840	30 (A6)	16
										1830				
IM-303	32″	230/95R32 (9.5R32)	1120	160	112	9.5-32	TK-50	W8	W7	1245	241	579	40 (A8)	-
			1285	280	117									
CM-103	32″	800/65R32 (30.5LR32)	6300	240	172	TT/TL (30.5L-32)	TK	DW27B	-	1820	750	815	40 (A8)	-
F-179	32″	30.5L-32	4750	140	162	30.5L-32	TK	DW27	-	1790	775	830	30 (A6)	12
			5450	170	167									16
			6300	220	172									20
			7300	280	177									22
TR-07	38″	13.6R38	1800	160	128	13.6-38	TK	W12; DW12	W11; DW11	1550	345	717	40 (A8)	-
		15.5R38	2120	160	134	13.6-38	TK	W14L	DW14L	1570	394	730	40 (A8)	-
BCF-2A	38″	15.5R38	2120	160	134	13.6-38	TK	W14L	DW14L	1570	394	730	40 (A8)	-
TR-201	38″	16.9R38	2575	160	141	16.9-38	TK	W15L	W14L; DW14L	1675	429	770	40 (A8)	-
TR-202	38″	650/65R38*	5300	240	166	TL	-	DW20W	-	1811	645	820	40 (A8)	-
TR-203	38″	710/70R38*	5800	240	169	TL	-	DW23A	DW21A	1959	716	885	40 (A8)	-
TR-204	38″	18.4R38 (460/85R38)	3000	160	146	TT / TL (16.9-38)	TK	W16L	DW16L; W15L	1750	467	800	40 (A8)	-
IM-304	42″	230/95R42 (9.5R42)	1320	240	118	9.5-42	TK	W8; W7	DW7	1500	241	725	30 (A6)	-

TYRES FOR AGRICULTURAL EQUIPMENT BY DESIGNATION

Diameter	Tyre size	Tyre model	Diameter	Tyre size	Tyre model
10	5.00-10	F-292	**26**	28.1R26	TR-301
16	5.50-16	F-288	**28**	**540/65R28**	TR-102
16	6.50-16	TR-101	**28**	**600/65R28**	TR-103
16	**210/80R16**	F-325	**30**	600/70R30	TR-106
16	12-16	L-163BC	**32**	30.5R32	F-81
20	7.5-20	V-103	**32**	230/95R32 (9.5R32)	IM-303
20	8.3-20	V-105A	**38**	13,6R38 15.5R38	TR-07
20	9.0R20	BCF-311			
20	11.2-20	FBC-35	**38**	15.5R38	BCF-2A
20	13.6R20	F-331	**38**	16.9R38	TR-201
24	21.3-24	IYAV-79U	**38**	**650/65R38**	TR-202
24	460/70R24	IM-302	**38**	710/70R38	TR-203
24	14.9R24	TR-107	**38**	18.4R38	TR-204
24	540/70R24	TR-302	**42**	230/95R42 (9.5R42)	IM-304

Diameter	Tyre size	Tyre model	Diameter	Tyre size	Tyre model
15.3	10.0/75-5.3	IM-301	**26**	750/65R26 (28LR26)	CM-102
16	5.50-16	F-122	**32**	650/75R32	TR-07
16	7.5-16	F-249	**32**	**800/65R32**	CM-101
16	12-16	L-163BC	**32**	30.5R32	F-81M
24	18.4-24	F-148	**32**	30.5L-32	BCK-10
24	21.3-24	IYAV-79U	**32**	30.5L-32	F-136
24	460/70R24	IM-302	**32**	800/65R32 (30.5L32)	CM-103
24	14.9R24	TR-107	**32**	30.5L-32	F-179

Diameter	Tyre size	Tyre model	Diameter	Tyre size	Tyre model
10	4.5-10	VF-242	**20**	11.2-20	FBC-35
10	5.00-10	F-292	**20**	13.6R20	F-331
15.3	10.0/75-15.3	F-274	**24**	21.3-24	IYAV-79U
15.3	10.0/75-15.3	IM-301	**24**	460/70R24	IM-302
16	5.50-16	F-288	**24**	14.9R24	TR-107
16	5.50-16	F-122	**24**	540/70R24	TR-302
16	6.5/88-16	S-1	**26**	750/65R26 (28LR26)	CM-102
16	6.50-16	TR-101	**32**	650/75R32	TR-07
16	7.5-16	F-249	**32**	**800/65R32**	CM-101
16	7.5-16	F-249	**32**	30.5L-32	BCK-10
16	13.0/75R16	F-276	**32**	30.5L-32	F-136
16	9.00-16	F-277	**32**	230/95R32 (9.5R32)	IM-303
16	9.00-16	YA-324 A	**32**	800/65R32 (30.5L32)	CM-103
16	12-16	L-163BC	**32**	30.5L-32	F-179
20	7.50-20	V-103	**38**	15.5R38	BCF-2A
20	8.3-20	V-105A	**38**	18.4R38	TR-204
20	9.0R20	BCF-311	**42**	230/95R42 (9.5R42)	IM-304

TECHNOLOGICAL TIRE INNOVATIONS FOR AGRICULTURAL EQUIPMENT

Bias tyre

In the bias tyre the cords in the plies run bias from bead to bead. The number of cord plies in this tyre should always be even. In addition, bias tyres have thicker sidewalls than the radial, what increases the side impact resistance.

Radial tyre

In the radial tyre the cords do not cross and run at right angles parallel to each other, and there is a rigid belt called 'breaker' over the radial section. Due to its design, the radial tyre may have fewer plies in the carcass (what improves the heat elimination). Radial tyres have less weight and the higher speed and grip properties.

TECHNOLOGICAL INNOVATIONS AND THE TRANSITION TO RADIAL TYRE CONSTRUCTION ADDED A NUMBER OF BENEFITS TO NEW TYRE MODELS

- Innovative tread composition
- Fuel saving
- Durability and resistance to cracking and crack growth when working in corn and sunflower fields
- Change of lugs configuration and dense tread pattern improve tread self-cleaning while working on high humidity soils
- Increase of the contact patch up to 18-20 % and redution of the internal tyre pressure (from 320 kPa to 240 kPa) have a positive effect on reducing the specific pressure on the soil
- Increased speed rating A6 - A8 - B - D
- 22 % increase in tractive power due to larger area of lugs, contacting with soil
- Improved environmental performance

4.50-10 VF-242

Recommended use:

carrier wheels of rakes, seeders, harrows

5.00-10 F-292

Recommended use:

compact tractors, motor tillers, mowers and other mini vehicles

10.0/75-15.3 F-274

Recommended use:

towed tillage and sowing agricultural equipment

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
10	4.50-10	**VF-242**	A6	**300**	**250**	**66**	**TT**	3.00D / 4.00E	492	124/134	227
10	5.00-10	**F-292**	A6	195	**120**	**51**	TT	4.00E	**504**	135	**228**
15.3	10.0/75-15.3	**F-274**	A8	**1360**	**310**	119	TT	9.00	760	**264**	**343**
				1550	390	**123**					
				1700	470	**126**					
				1900	**560**	**130**					
15.3	10.0/75-15.3	**IM-301**	A8	1900	**560**	**130**	TT/TL	9.00	760	**264**	**343**
16	5.50-16	**F-288**	A6	**600**	270	90	TT	4.00E / 4.50E	691	154/165	**325**
			A8	**850**	**400**	**102**	TT	4.00E / 4.50E	691	154/165	**325**
			A8	**1250**	**600**	**106**	TT	4.00E / 4.50E	691	154/165	**325**
16	5.50-16	**F-122**	A6	**345**	**160**	71	**TT**	4.00E / 4.50E	704	154/165	**335**

10.0/75-15.3 IM-301

Recommended use:

guiding wheels of forage combine harvesters, carrier wheels of towed agricultural equipment

5.50-16 F-288

Recommended use:

carrier wheels of potato planters; other agricultural equipment and implements

5.50-16 F-122

Recommended use:

drive wheels of compact equipment; beet harvester

Tyre load capacity (kg) at tyre pressure (bar)																km/h
0.8	1.0	1.2	1.4	1.6	2.0	2.2	2.4	2.6	2.8	3.0	3.6	4.0	4.8	5.6	6.0	
			130	170	250	270	290	300								30
145	170	195														30
				900	1010	1095	1150	1210	1270	1360						40
				900	1010	1095	1150	1210	1270	1330	1480	1550				40
				900	1010	1095	1150	1210	1270	1330	1480	1550	1700			40
				900	1040	1095	1150	1210	1270	1330	1480	1570	1720	1900		40
				900	1040	1095	1150	1210	1270	1330	1480	1570	1720	1900		40
			400	420	460	500			600							30
							550		600	650	770	850				40
									600	650	770	850	1010	1190	1250	40
	260	300	320	345												30

6.50/88-16 S-1

Recommended use:

front wheels of the loaders, seeders, harrows and other equipment

6.50-16 TR-101

Recommended use:

steering wheels of tractors, steering and carrier wheels of agricultural equipment

7.50-16 F-249

Recommended use:

carrier wheels of forage harvesters, agricultural equipment

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
16	6.50-88-16	**S-1**	A6	**630**	**200**	92	**TT**	5.50F / 4.50E	725	190	**335**
			A6	730	**250**	97	**TT**	5.50F / 4.50E	725	190	**335**
16	6.50-16	TR-101	A6	775	275	99	TT	5.50F/ 4.50E	741	189	**345**
16	7.50-16	**F-249**	A6	730	**140**	97	TT	6.00F	770	**214**	**328**
			A6	900	**210**	**104**	**TT**	6.00F	770	**214**	**328**
16	210/80R16	**F-325**	A8	710	**160**	96	TT	5.50F/ 6.00F;W6; W7; 6LB; 6½L	734	**205**	**341**
16	13.0/75R16	**F-276**	A6	1900	**240**	**130**	TT	W11 / W8; 8.00V	900	**336**	**400**

210/80R16 F-325

- Recommended use:
  rear drive wheels of tractors

13.0/75R16 F-276

- Recommended use:
  tractor trailers, harrows, seeders

Tyre load capacity (kg) at tyre pressure (bar)																km/h
1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.6	4.0	4.8	5.6	6.0	
420	480	530	580		630											30
						680		730								30
400	460	510	560	605	650	685	720	750	775							30
580	650	730														30
			770	830	900											30
480	560	640	710													40
1140	1200	1380	1500	1600	1710	1800	1900									30

9.00-16 F-277

Recommended use:

carrier wheels of stock feeders, trailers with load capacity of 2-4 tons

9.00-16 YA-324A

Recommended use:

carrier wheels of tractor trailers with load capacity of 2-4 tons and other agricultural equipment and implements

12-16 L-163BC

Recommended use:

carrier wheels of agricultural equipment and implements, tractor trailers, combines

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
16	9.00-16	**F-277**	A6	1650	350	125	TT	6.00F	860	254	388
			A6	2240	590	136	TT	W8/W7; 6.00F; W8L	870	260	380
16	9.00-16	**YA-324A**	A6	1550	350	123	TT	6.0 collapsible	896	255	414
16	12-16	**L-163BC**	A6	1900	250	130	TT	W8	930	325	416
20	7.5-20	**V-103**	A6	875	280	103	TT	5.50F / 5.00F	910	205	427
20	8.3-20	**V-105A**	A6	850	250	102	TT	W7	950	211	448
20	9.00R20	**BCF-311**	A8	1120	260	112	TT	W7 / 5.50F	930	234	425

7.50-20 V-103

Recommended use:

steering wheels of tractors, steering and carrier wheels of agricultural equipment

8.3-20 V-105A

Recommended use:

drive wheels of tractors and other agricultural equipment

9.00R20 BCF-311

Recommended use:

steering wheels of tractors, steering and carrier wheels of agricultural equipment

Tyre load capacity (kg) at tyre pressure (bar)																km/h
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.6	4.0	4.8	6.0	
	720	810	880	950	1020	1090	1150	1200	1270	1320	1380	1650				30
	720		880		1020		1150		1270	1320	1380	1650	1810	1960	2240	30
			900	980	1060	1110	1180	1240	1300	1360	1410	1550				30
	1100	1210	1320	1420	1530	1640	1740	1850	1900							30
	1320	1450	1580	1700	1840	2210	2290	2220	2280							20
			1540		1850	1990	2140	2300		2440						10*
			580	625	670	715	760	800	835	875						30
410	465	515	565	610	655	710	775	830	850							30
580	640	710	750	840	900	960	1020	1070	1120							40

* pressure should increase by 25%

11.2-20 FBC-35

Recommended use:

drive wheels of tractors and agricultural equipment

13.6R20 F-331

Recommended use:

drive wheels of tractors and agricultural equipment

18.4-24 F-148

Recommended use:

carrier wheels of combines, agricultural equipment and implements, tractor trailers

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
20	11.2-20	**FBC-35**	A6	1285	250	117	TT	W10/W9; W7	985	284/274 254	460
20	13.6R20	**F-331**	A8	1400	160	120	TT	W12	1060	345	480
24	18.4-24	**F-148**	A6	2240	140	136	TT	DW16	1400	467	623
			A6	3350	230	150	TT	DW16	1400	467	623
			A6	4250	300	158	TT	DW16	1400	467	623

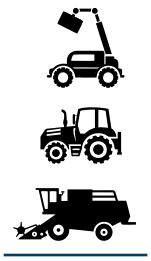
Tyre load capacity (kg) at tyre pressure (bar)																км/год km/h
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	4.0	4.8	6.0	
	765	850	930	1000	1080	1145	1205	1265	1285							30
1020	1100	1200	1300	1400												40
		2055	2240													30
		2470	2690													20
				2880	3140											10*
			2240	2500	2750	2990	3230	3350								30
			3020	3380	3710	4030	4360	4520								20
								4180	4340	4520	4690					10*
				2550	2750	2980	3230	3470	3720	3970	4250					30
				2700	3300	3570	3870	4160	4460	4760	5100					20
						3570	3850	4170		4520	4860	5210				10*

* pressure should increase by 25%

21.3-24 IYAV-79U

Recommended use:

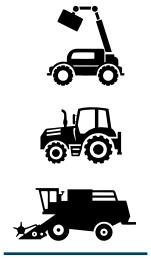
tractors, grain harvesters, corn-, potato- and beet harvesters, hay stackers, front loaders



460/70R24 IM-302

Recommended use:

for drive wheels of tractors operating in industry and agriculture, for excavators, telescopic loaders, combine harvesters and other agricultural equipment



14.9R24 (380/85R24) TR-107

Recommended use:

drive wheels of tractors, rear wheels of combine harvesters and drive wheels of other agricultural equipment

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
24	21.3-24	**IYAV-79U**	A8	4500	300	160	TT	DW18	1400	540	640
24	460/70R24	**IM-302**	A8	2180	160	135	TL	DW15L / DW14L	1254	455	568
			A8	3550	320	152	TL	DW15L / DW14L	1254	455	568
			A8	4375	400	159	TL	DW15L / DW14L	1254	455	568
24	14.9R24 (380/85R24)	TR-107	A8	1700	160	126	TT	W13 / W12	1245	378	565
			A8	2300	240	137	TT	W13 / W12	1245	378	565
24	540/70R24 (21.3R24)	TR-302	A6	2500	160	140	TT	DW18	1400	540	640
			B	3350	240	150	TT	DW18	1400	540	640
26	28.1R26	TR-301	B	4250	160	158	TT	DW24 / DW25A	1735	750	780

540/70R24 (21.3R24)

TR-302

Recommended use:

drive wheels of tractors and other agricultural equipment

28.1R26

TR-301

Recommended use:

drive wheels of tractors and other agricultural equipment

Tyre load capacity (kg) at tyre pressure (bar)																
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	km/h
						3200	3450	3700	3970	4250	4500					40
						3420	3690	3960	4250	4550	4810					30
						3940	4240	4550	4890	5230	5530					20
									5020	5360	5550	5960	6150	6520		10*
1395	1590	1790	1980	2180												40
1630	1880	2090	2340	2550		2800		3020		3300		3550				40
1700	1970	2230	2450	2710		2970		3150		3450		3760			4375	40
	1230	1300	1540	1700												40
	1230	1300	1540	1700	1800	2020	2180	2300								40
	1900	2140	2330	2500												30
1780	2030	2250	2480	2620	2870	2980	3230	3350								30
2900	3200	3590	3930	4250												50

* pressure should increase by 25%

750/65 R26 (28LR26)

CM-102

Wide grooves for quick self-cleaning of the tyre

The innovative tread compound provides durability

Increased contact patch reduces soil compaction protecting soil and plants

■ Recommended use:

combine harvesters and other agricultural equipment

High traction
Reduced slipping of the tyre

Improved environmental performance

Effective self-cleaning

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
26	750/65R26 (28LR26)	**CM-102**	A8	5300	240	166	TL	DW25B/ DW23B	1621	727	723
28	540/65R28	TR-102	B	3250	240	149	TL	W16L / W18L	1413	550	640
28	600/65R28	TR-103	A8	4125	240	157	TL	DW20B / DW18L; W18L	1491	591	672
30	600/70R30	TR-106	D	3550	160	152	TL	DW20B / DW18L; W18L	1602	591	710
			D	4250	240	158	TL	DW20B / DW18L; W18L	1602	591	710

540/65R28 TR-102

- Recommended use:
  drive wheels of tractors

600/65R28 TR-103

- Recommended use:
  drive wheels of tractors

600/70R30 TR-106

- Recommended use:
  drive wheels of tractors

Tyre load capacity (kg) at tyre pressure (bar)																km/h
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	
2970	3340	3710	4080	4400	4500	4930	5030	5300								40
3170	3570	3970	4360	4700	4810	5270	5380	5670								30
3650	4110	4560	5020	5410	5530	6060	6190	6520								20
	4450	5010		5570		6600	6750		7390	7540	7950					10*
1850	2050	2300	2480	2650	2800	2950	3100	3250								40/50
2310	2590	2890	3170	3420		3830		4125								40
2270	2590	2910	3230	3550												65
2290	2630	2970	3310	3650		3990		4250								65

* pressure should increase by 25%

650/75R32

TR-07

Aggressive configuration of central lugs with increased height in the corners reduces the slip factor, increases traction and saves fuel

Increased area of soil hooks in the central area increases traction transfer

Recommended use:

drive wheels of combines and other agricultural machinery

High level of safety and comfort

Fuel saving

Improved environmental performance

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
32	**650/75R32**	**TR-07**	A8	**6300**	**320**	172	TL/TT	DW21B	1789	**645**	**803**
32	**800/65R32**	**CM-101**	A8	**5450**	**160**	167	TT	DW27B/ DW25B/ DH27B	**1853**	798	**830**
			A8	**6300**	**240**	172	TT	DW27B/ DW25B/ DH27B	**1853**	798	**830**
			A8	7500	**320**	178	TT/TL	DW27B/ DW25B/ DH27B	**1853**	798	**830**

800/65R32

CM-101

Increased area of central lugs improves traction

Increased contact putch - even load for better soil protection

Recommended use:

drive wheels of combines and other agricultural equipment

Wear resistance, increased abrasion resistance

Fuel saving

Increased speed rating

Tyre load capacity (kg) at tyre pressure (bar)																km/h
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	
		3880	4250	4500	4750	5000	5150	5450	5600	5800	6000	6300				40
		4150	4550	4810	5080	5350	5510	5830	5990	6200	6420	6740				30
		4770	5230	5530	5840	6150	6330	6700	6890	7130	7380	7750				20
				5820	6370	6750	7120	7500		7700	8170	8400		8700		10*
3650	4150	4500	5010	5450												40
3900	4440	4810	5360	5830												30
4490	5100	5530	6160	6700												20
	5470	6220		6750	7510	8170										10*
		4500	5010	5450		5860		6300								40
		4810	5360	5830		6270		6740								30
		5530	6160	6700		7200		7750								20
				6750	7510	8170			8790		9450					10*
		4500	5010	5450		5860		6300		6980		7500				40
		4810	5360	5830		6270		6740		7470		8020				30
		5530	6160	6700		7200		7750		8580		9220				20
				6750	7510	8170			8790		9450			10470		10*

* pressure should increase by 25%

30.5R32 F-81; F-81M

- Recommended use of Ф-81 tyre:
  drive wheels of tractors
- Recommended use of Ф-81M tyre:
  drive wheels of grain combine harvesters

30.5-L32 BCK-10

- Recommended use:
  drive wheels of combine harvesters, trailers, grain loaders and other agricultural equipment

30.5L-32 F-136

- Recommended use:
  drive wheels of combines and other agricultural equipment operating on soils with high moisture content

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
32	30.5R32	**F-81**	A6	4750	170	**162**	TT	27.00-32 collapsible	1830	775	830
32	30.5R32	**F-81M**	A6	5450	160	167	TT	27.00-32 collapsible / DW27	1830	775	830
32	30.5L-32	**BCK-10**	A6	5450	170	167	TT	DW27	1800	775	830
32	30.5L-32	**F-136**	A6	5450	170	167	TT	DW27	1830	775	840
32	230/95R32 (9.5R32)	**IM-303**	A8	1120	160	112	TT	W8/W7	1245	241	579
			A8	1285	280	117	TT	W8/W7	1245	241	579
32	800/65R32 (30.5LR32)	**CM-103**	A8	6300	240	172	TT/TL	DW27B	1820	750	815

230/95R32 (9.5R32)

IM-303

Recommended use:

spraying machines and other agricultural machinery, carrier wheels for low-power motorized vehicles. Rear wheels of tractors T-16, T-25, seeding machines

800/65R32 (30.5LR32)

CM-103

Recommended use:

drive wheels of combines and other agricultural equipment

Tyre load capacity (kg) at tyre pressure (bar)																km/h
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	
		3880	4230	4570	4750											30
		4690	5070	5450												30
		5630	6084	6540												20
			6570		7100	7630										10*
			4750	5150	5450											30
			5700	6180	6540											20
					6650	7210	7630									10*
			4750	5150	5450											30
			5700	6180	6540											20
					6650	7210	7630									10*
	860		1020	1120												40
	690		840	905		1035	1095	1150	1205	1285						40
		4500	5010	5450		5860		6300								40

* pressure should increase by 25%

30.5L-32 F-179

- Recommended use of Ф-81 tyre:

  drive wheels of combine harvesters, trailers, grain loaders and other agricultural machiner

13.6R38
15.5R38 TR-07

- Recommended use:

  drive wheels of tractors

15.5R38 BCF-2A

- Recommended use:

  drive wheels of tractors and other agricultural equipment. Possible use: tractor-based excavators

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
32	30.5L-32	**F-179**	A6	4750	**140**	**162**	TT	DW27	1790	775	**830**
			A6	**5450**	170	167	TT	DW27	1790	775	**830**
			A6	**6300**	**220**	172	TT	DW27	1790	775	**830**
			A6	7300	**280**	177	TT	DW27	1790	775	**830**
38	13.6R38	TR-07	A8	**1800**	**160**	**128**	**TT**	W12, DW12 / W11, DW11	**1550**	**345**	717
	15.5R38		A8	**2120**	**160**	**134**	**TT**	W14L / DW14L	1570	394	730
38	15.5R38	**BCF-2A**	A8	**2120**	**160**	**134**	TT	W14L / DW14L	1570	394	730

Tyre load capacity (kg) at tyre pressure (bar)																
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	km/h
		4330	4750													30
		5200	5700													20
				6280	6650											10*
			4750	5150	5450											30
			5700	6180	6540											20
					6650	7210	7630									10*
					5600	5960	6300									30
					6760	7150	7560									20
							7840	8120		8820						10*
							6300	6600	6900	7300						30
							7560	7920	8280	8760						20
										8820	9240	10220				10*
1150	1310	1470	1640	1800												40
1420	1620	1810	1970	2120												40
1420	1620	1810	1970	2120												40

* pressure should increase by 25%

16.9R38 TR-201

- Recommended use:

  drive wheels of tractors and other agricultural equipment. Possible use for tractor-based excavators

650/65R38 TR-202

- Recommended use:

  drive wheels of tractors

710/70R38 TR-203

- Recommended use:

  drive wheels of tractors

Diameter	Tyre size	Tyre model	Speed index	Max. Load (kg)	Max. pressure (kPa)	Load index	Tyre type	Rim recommended / Allowable alternative rim	Overall diameter	Section width	Static radius
38	16.9R38	TR-201	A8	2575	160	141	TT	W15L /W14L, DW14L	1675	429	770
38	650/65R38	TR-202	A8	5300	240	166	TL	DW20W	1811	645	820
38	710/70R38	TR-203	A8	5800	240	169	TL	DW23A / DW21A	1959	716	885
38	18.4R38 (460/85R38)	TR-204	A8	3000	160	146	TL/TT	W16L / DW16L, W 15L	1750	467	800
42	230/95R42 (9.5R42)	IM-304	A6	1320	240	118	TT	W8, W7/DW7	1500	241	725

18.4R38 (460/85R38) — TR-204

- Recommended:

  drive wheels of tractors and other agricultural equipment of domestic and foreign origin

230/95R42 (9.5R42) — IM-304

- Recommended use:

  sprayers and other agricultural machines, as well as carrier wheels for low-power vehicles. Rear wheels of T-16, T-25 tractors, seeders

Tyre load capacity (kg) at tyre pressure (bar)															km/h
0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	
1700	1920	2140	2350	2575												40
2970	3340	3710	4080	4390		4930		5300								40
3130	3590	4060	4520	4990		5450		5800								40
2160	2370	2580	2790	3000												40
690	790	890	970	1040	1120	1180	1255	1320								30

V-97B

SIZES

6,25-10	113A5
6,25-10	122A5

Perfect performance on hard paved roads

High efficiency at handling operations

* Main application: forklifts and electric loaders with load-lifting capacity up to 3 tons

Bel-1

SIZES

8,15-15	145A5

Reliable performance on forklifts and electric loaders with load-lifting capacity up to 3 tons

* Bias ply tyre

F-213

SIZES

11,00-20	155A3

Plain tread pattern for roadbed compaction of asphalt mix

* Bias ply tyre

YA-307M

SIZES

14,00-20	155B

- Improved cross-country and soft soil mobility
- Effective tread self-cleaning
- Dual apex provides stiffness and strength

* Bias ply tyre

F-237

SIZES

14,00-24	147 A8
14,00-24	164 A8

- Good traction at road-building on loose and soft soil

* Bias ply tyre

Tyres for road building machines and loaders															
V-97B	10"	6.25-10	1150	700	113	6,25-10	GK-95, GK-115	5,0	5,0	6,25-10	536	168	250	25 (A5)	8
			1500	950	122	6,25-10		5,0	5,0	6,25-10	536	168	250	25 (A5)	12
BEL-1	15"	8.15-15	2900	1000	145	8,15-15	GK-115, GK-105	7,0	7,0	-	680	210	310	25 (A5)	14
F-213	20"	11.00-20	3875	300	155	11,00-20; 12,00-20	GK-145	8,0-20	8,5-20	7,7-20	1083	295	500	15 (A3)	12
YA-307M	20"	14.00-20	3875	425	155	14,00-20	GK-145	10,0	8,5	14.00-20	1220	375	555	50 (B)	16
F-237	24"	14.00-24	3075	250	147	14,00-24	GK-145	8,00TG	8,00TG	-	1348	362	618	40 (A8)	12
	24"	14.00-24	5000	450	164	14,00-24	GK-145	8,00TG	8,00TG	14,00-24	1348	362	618	40 (A8)	16

LOAD INDICES

Load index	Maximum load, kgf	Load index	Maximum load, kgf	Load index	Maximum load, kgf	Load index	Maximum load, kgf	Load index	Maximum load, kgf
50	190	80	450	110	1060	140	2500	170	6000
51	195	81	462	111	1090	141	2575	171	6150
52	200	82	475	112	1120	142	2650	172	6300
53	206	83	487	113	1150	143	2725	173	6500
54	212	84	500	114	1180	144	2800	174	6700
55	218	85	515	115	1215	145	2900	175	6900
56	224	86	530	116	1250	146	3000	176	7100
57	230	87	545	117	1285	147	3075	177	7300
58	236	88	560	118	1320	148	3150	178	7500
59	243	89	580	119	1360	149	3250	179	7750
60	250	90	600	120	1400	150	3350	180	8000
61	257	91	615	121	1450	151	3450	181	8250
62	265	92	630	122	1500	152	3550	182	8500
63	272	93	650	123	1550	153	3650	183	8750
64	280	94	670	124	1600	154	3750	184	9000
65	290	95	690	125	1650	155	3875	185	9250
66	300	96	710	126	1700	156	4000	186	9500
67	307	97	730	127	1750	157	4125	187	9750
68	315	98	750	128	1800	158	4250	188	10000
69	325	99	775	129	1850	159	4375	189	10300
70	335	100	800	130	1900	160	4500	190	10600
71	345	101	825	131	1950	161	4625	191	10900
72	355	102	850	132	2000	162	4750	192	11200
73	365	103	875	133	2060	163	4875	193	11500
74	375	104	900	134	2120	164	5000	194	11800
75	387	105	925	135	2180	165	5150	195	12150
76	400	106	950	136	2240	166	5300	196	12500
77	412	107	975	137	2300	167	5450	197	12850
78	425	108	1000	138	2360	168	5600	198	13200
79	437	109	1030	139	2430	169	5800	199	13600

The load index indicates the maximum permissible load on the tyre when operating the vehicle. When replacing tyres on a car, it is necessary to follow the car manufacturer's recommendations regarding the size, maximum load and pressure (at a given maximum speed) of tyres.

SPEED INDICES

Speed index	J	K	L	M	N	P	Q	R	S	T	U	H	V	W	Y	ZR
Maximum speed, km / h	100	110	120	130	140	150	160	170	180	190	200	210	240	270	300	>240

Speed index – letter symbol which indicates maximum permissible speed

TABLE OF TYRE PRESSURE CONVERSION (1 Bar = 100 kPa)

Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI
1	14	1,8	26	2,6	38	3,4	49	4,2	61	5	72
1,1	16	1,9	28	2,7	39	3,5	51	4,3	62	5,1	74
1,2	17	2	29	2,8	41	3,6	52	4,4	64	5,2	75
1,3	19	2,1	30	2,9	42	3,7	54	4,5	65	5,3	77
1,4	20	2,2	32	3	44	3,8	55	4,6	67	5,4	78
1,5	22	2,3	33	3,1	45	3,9	57	4,7	68	5,5	80
1,6	23	2,4	35	3,2	46	4	58	4,8	70	5,6	81
1,7	25	2,5	36	3,3	48	4,1	59	4,9	71	5,7	83

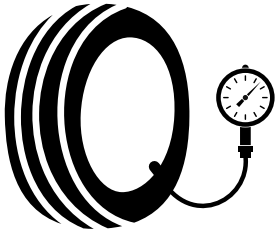
PSI — pressure in pounds per square inch

SERVICE INSTRUCTION

- Stick to recommended tyre characteristics - maximum load, speed and pressure – they are the key to excellent handling and traction, fuel economy and tyre life.
- Check tyre pressure when the tyres are «cold» (once a month).
- Make a test run: summer tyres at a speed of 80-100 km/h up to 200 km, winter tyres at a speed of 60-80 km/h up to 500 km.

1

2



3

80-100 km/h
200 км (km)

60-80 km/h
500 км (km)

TYRE INSTALLATION

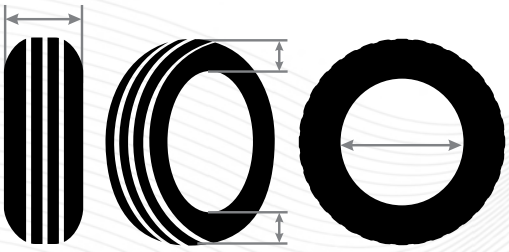
- Diameter at rim seat, loading and speed parameters must comply with the recommendations of your car manufacturer.

1

Tyre width — Section height — Disk diameter — Load index

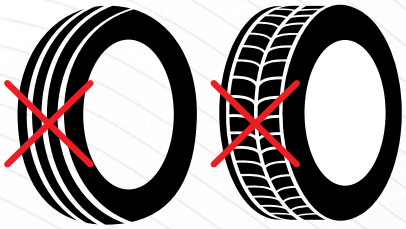
205 / 55 R 16 92 V

Speed index



- With the same tread pattern from one manufacturer (similar models can vary greatly in performance).

2



- Truck tyres shall be mounted according to the axle type (steering, drive and trailer axle).

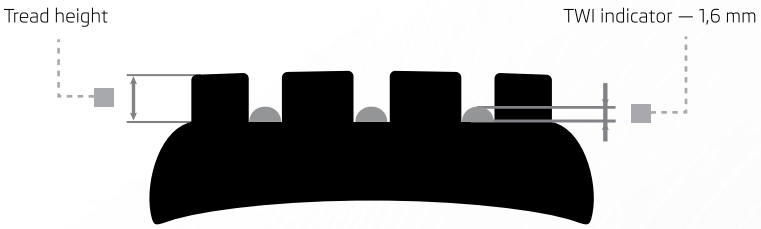
3

Steering axle — Drive axle — Axle of the trailer

TYRE REPLACEMENT

When the tread has worn to the level of the TWI wear indicators (1.6 mm) indicated on the sidewall.

1



After 5 years, regardless of tread depth or mileage.

2

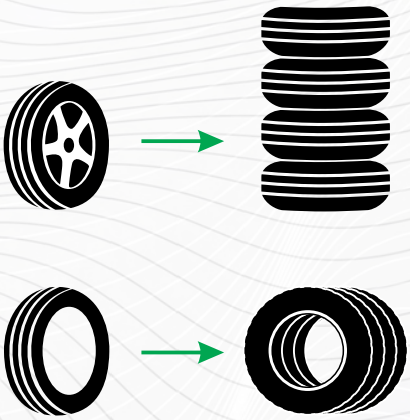
Depending on the season: use winter tyres at temperatures below +5°C, use summer tyres at temperatures above +7°C.

3

TYRES STORAGE

On disks in horizontal position, without disks in vertical position.

1

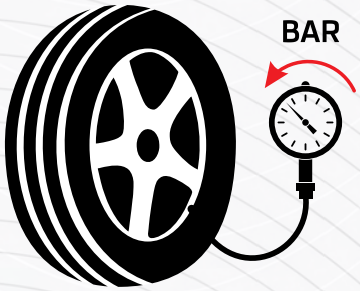


In places protected from direct sun, precipitation, away from heating appliances, fuel.

2

If the tyre is mounted to the rim, the tyre pressure must be reduced.

3



ŞİŞLİ ESENTEPE MAHALLESİ, BÜYÜKDERE
CADDESİ , N.191 , APA GİZ PLAZA , KAT:3 NO.5
LEVENT - İSTANBUL –TÜRKİYE

Tel: +90 212 324 33 44
WhatsApp: +90 552 398 82 99
E-mail: info@tradexinv.com

www.tradexoto.com.tr

tradexoto.com