

MICHELIN TECHNICAL DATA



COMPACT LINE TIRES

2019

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MICHELIN TECHNICAL DATA

COMPACT LINE

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TIRE RANGE CHART



COMPACT TIRES



**MICHELIN®
BIBLOAD
HARD SURFACE**



**MICHELIN®
XMCL**



**MICHELIN®
CROSSGRIP**



**MICHELIN®
BIBSTEEL
HARD SURFACE**



**MICHELIN®
BIBSTEEL
ALL TERRAIN**



**MICHELIN®
XM 47**



**MICHELIN®
XF**



**MICHELIN®
X TWEEL**



**MICHELIN®
POWER CL**



**MICHELIN®
POWER DIGGER**



NOTES

A series of horizontal dotted lines for taking notes.



MICHELIN TECHNICAL DATA

COMPACT LINE TIRES

PRODUCT PRESENTATION

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MICHELIN BIBLOAD HARD SURFACE

**BETTER DURABILITY &
RIDE QUALITY**



Backhoe Loaders



Compact
Wheel Loaders



Telehandlers



TRACTION

+30%
FOOTPRINT VS. XMCL



PRODUCTIVITY

Metal top plies for
puncture resistance



COMFORT

Excellent stability on
slopes & same quality
comfort as XMCL

MICHELIN XMCL



**EXCEPTIONALLY RESISTANT
TO CUTS & EXCELLENT
TRACTION EVEN IN WET &
DIFFICULT CONDITIONS**



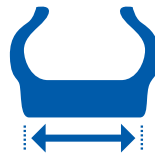
Backhoe Loaders



Compact
Wheel Loaders



Telehandlers



RADIAL TIRE

**UP TO 46%
MORE SERVICE LIFE
VS. MICHELIN BIAS TIRE¹**



PRODUCTIVITY

Reinforced sidewall &
metal top plies for
puncture resistance



TRACTION

Effectiveness
on soft ground



COMFORT

Smoother ride



STABILITY

Safety guaranteed

¹Internal tests realized in Michelin test and Research center (Ladoux-France)

MICHELIN CROSSGRIP

**A MULTI-PURPOSE TIRE
FOR USE ON THE ROAD,
GRASS AND SNOW**



Backhoe Loaders



Compact
Wheel Loaders



Tractor



Telehandlers



VERSATILITY

A specific rubber compound designed for 4-season use & non-directional pattern



PRODUCTIVITY

**GREATER LOAD AT
65 KM/H¹**



STEEL CROWN BELTS

Combined with exclusive rubber compounds protect against tread puncture and deliver superior overall performance



TRACTION

Extra long lug edge with optimized tread pattern for good traction on snow (M+S)

¹For the 440/80 R28 163A8/158D IND TL size, the MICHELIN 158D tire can carry 4,250 kg at 65 km/h while competitor 151D tires carry 3,450 Kg at 65 km/h. Source: ETRTO standard.

MICHELIN BIBSTEEL HARD SURFACE



**REINFORCED RADIAL
CONSTRUCTION/BETTER
TRACTION/NO DOWNTIME**



Skid Steer



Telehandlers



ROBUSTNESS

100%
STEEL CONSTRUCTION FOR
PUNCTURE RESISTANCE



COMFORT

Protection of vehicle &
operator



SERVICE LIFE

Proven casing endurance

MICHELIN BIBSTEEL ALL TERRAIN



**REINFORCED RADIAL
CONSTRUCTION/BETTER
TRACTION/NO DOWNTIME**



Skid Steer



Telehandlers



ROBUSTNESS

100%
STEEL CONSTRUCTION
FOR PUNCTURE
RESISTANCE



TRACTION

Radial construction &
open tread pattern



SERVICE LIFE

Proven casing endurance



COMFORT

Protection of vehicle &
operator

MICHELIN XM 47



**GREAT ON-ROAD
COMFORT & GOOD GRIP
IN OFF-ROAD CONDITIONS**



SPEED

**CAN REACH
90 KM/H¹
AT HIGH
SAFETY LEVEL**



SERVICE LIFE

**Proven casing
endurance**



ROBUSTNESS

Reinforced structure

**FOR MULTI PURPOSE
OFF-ROAD TRUCKS
RADIAL TIRE UP TO
90 KM/H²**

¹When authorized by local country legislation.

²Internal source: MICHELIN, Ladoux, France. Remember that it is forbidden to break legal speed limits.

MICHELIN XF



**RADIAL STEEL
CONSTRUCTION TO
INCREASE TIRE LIFE &
TRACTION**



Wheeled Excavators



VERSATILITY

Efficient on all surfaces



COMFORT

Protection of vehicle & operator



SERVICE LIFE

Proven casing endurance

MICHELIN X TWEEL



**THE AIRLESS RADIAL TIRE &
WHEEL ASSEMBLY**



Skid Steer



NO DOWNTIME

No risk and costly downtime associated

NO MAINTENANCE

One single unit, replacing the current tire/wheel/valve assembly

No need for complex wheel/tire mounting equipment

No air pressure to maintain

NO COMPROMISE

Productivity increased

Greater stability

More comfort for the operator

Strong wear life

MICHELIN POWER CL



**CROSS PLY TIRE RESISTANT
TO CUTS AND GREAT
STABILITY**



Backhoe Loaders



Compact
Wheel Loaders



Telehandlers



ROBUSTNESS

**6 TO 8
PLIES CASING**



CROSS PLY TIRE

Vertical & lateral stability



SERVICE LIFE

Massive lugs

MICHELIN POWER DIGGER

**CROSS PLY TIRE
RESISTANT TO CUTS
WITH GREAT STABILITY**



Wheeled Excavators



PROFITABILITY

Great load index (147B) & improved wear resistance



STABILITY

+57%
SIDEWALL THICKNESS¹



ROBUSTNESS

+2 casing plies¹

¹Vs. main competitor Bias tire.

MICHELIN POWER DIGGER Accessories:

- Triple bend valve stem tube (CAI: 101167)
- Flap with plastic plate (CAI: 320222)



MICHELIN TECHNICAL DATA

COMPACT LINE TIRES

TIRE CHARACTERISTICS

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

15"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBSTEEL ALL TERRAIN 210/70 R15 117A8/117B IND TL (27 x 8.50 R15) Equiv 8PR Replaces size 215/70 R15	085459 20011	209 8.2	680 26.8	314 12.4	2033 80		15 19	26 6.9	7						
Bar	1.50	1.80	2.20	2.60	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	22	26	32	38	44	46	49	52	55	58	61	64	67	70	73
STAT	1100 2425	1270 2800	1485 3275	1695 3735	1905 4200	2010 4430	2115 4665	2220 4895	2325 5125	2430 5355	2535 5590	2640 5820	2745 6050	2850 6285	2955 6515
25 KM/H 15 MPH	530 1170	615 1355	720 1585	820 1810	920 2030	970 2140	1020 2250	1070 2360	1125 2480	1175 2590	1225 2700	1275 2810	1330 2930	1380 3040	1430 3155
40 KM/H 25 MPH	475 1045	550 1215	645 1420	740 1630	830 1830	875 1930	920 2030	965 2125	1010 2225	1055 2325	1105 2435	1150 2535	1195 2635	1240 2735	1285 2835
50 KM/H 30 MPH	475 1045	550 1215	645 1420	740 1630	830 1830	875 1930	920 2030	965 2125	1010 2225	1055 2325	1105 2435	1150 2535	1195 2635	1240 2735	1285 2835

16"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 250/80 R16 124A8/120D IND TL 7.5 R16	564847 97221	259 10.2	804 31.7	364 14.3	2402 94.6	184	17 21	48 12.7	W8	W7 W9					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	1450 3195	1610 3550	1765 3890	1925 4245	2085 4595	2245 4950	2400 5290	2560 5645	2720 5995	2875 6340	3035 6690	3195 7045	3360 7410	3520 7760	3680 8115
10 KM/H CYC 6 MPH CYC	945 2085	1050 2315	1150 2535	1255 2765	1360 3000	1465 3230	1565 3450	1670 3680	1775 3915	1875 4135	1980 4365	2085 4595	2190 4830	2295 5060	2400 5290
25 KM/H 15 MPH	850 1875	915 2015	980 2160	1045 2305	1110 2445	1175 2590	1240 2735	1305 2875	1370 3020	1465 3230	1560 3440	1655 3650	1750 3860		
30 KM/H 20 MPH	820 1810	885 1950	950 2095	1015 2240	1080 2380	1145 2525	1210 2670	1275 2810	1340 2955	1435 3165	1530 3375	1620 3570	1715 3780		
40 KM/H 25 MPH	780 1720	840 1850	905 1995	965 2125	1025 2260	1085 2390	1150 2535	1210 2670	1270 2800	1355 2985	1435 3165	1520 3350	1600 3525		
50 KM/H 30 MPH	780 1720	840 1850	905 1995	965 2125	1025 2260	1085 2390	1150 2535	1210 2670	1270 2800	1355 2985	1435 3165	1520 3350	1600 3525		
65 KM/H 40 MPH	655 1445	720 1585	780 1720	845 1865	905 1995	970 2140	1030 2270	1095 2415	1155 2545	1215 2680	1280 2820	1340 2955	1400 3085		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
XM 27 11 LR16 122A8 IND TL	123207 13902	291 11.5	850 33.5	375 14.8	2515 99	184	23 29	60 15.9	W8	W10L
Bar	1.20	1.60	2.00	2.20	2.40	2.60				
Psi	17	23	29	32	35	38				
10 KM/H 6 MPH	1265 2790	1530 3375	1790 3945	1920 4235	2055 4530	2185 4815				
30 KM/H 20 MPH	940 2070	1165 2570	1385 3055	1500 3305	1610 3550					
40 KM/H 25 MPH	880 1940	1085 2390	1295 2855	1395 3075	1500 3305					

* Refer to the notes at the end of the tables of this range

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

16.5"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBSTEEL ALL TERRAIN 260/70 R16.5 129A8/129B IND TL (10 R16.5) Equiv 12PR Replaces size 265/70 R16.5	176281 19038	263 10.4	774 30.5	355 14	2310 90.9	184	20 25	47 12.4	8.25						
Bar	1.50	1.80	2.20	2.60	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	22	26	32	38	44	46	49	52	55	58	61	64	67	70	73
STAT	1590 3505	1810 3990	2110 4650	2415 5325	2720 5995	2870 6325	3025 6670	3180 7010	3330 7340	3485 7685	3640 8025	3795 8365	3945 8695	4100 9040	4255 9380
25 KM/H 15 MP/H	760 1675	870 1920	1015 2240	1165 2570	1315 2900	1390 3065	1465 3230	1540 3395	1610 3550	1685 3715	1760 3880	1835 4045	1905 4200	1980 4365	2055 4530
40 KM/H 25 MP/H	690 1520	785 1730	915 2015	1050 2315	1185 2610	1250 2755	1315 2900	1385 3055	1450 3195	1515 3340	1585 3495	1650 3640	1715 3780	1785 3935	1850 4080
50 KM/H 30 MP/H	690 1520	785 1730	915 2015	1050 2315	1185 2610	1250 2755	1315 2900	1385 3055	1450 3195	1515 3340	1585 3495	1650 3640	1715 3780	1785 3935	1850 4080

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBSTEEL ALL TERRAIN 300/70 R16.5 137A8/137B IND TL (12 R16.5) Equiv 14PR	625787 34034	311 12.2	832 32.8	380 15	2481 97.7		23 29	65 17.2	9,75						
Bar	1.50	1.80	2.20	2.60	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	22	26	32	38	44	46	49	52	55	58	61	64	67	70	73
STAT	2010 4430	2270 5005	2630 5800	3005 6625	3380 7450	3565 7860	3755 8280	3950 8710	4140 9125	4330 9545	4525 9975	4715 10395	4905 10815	5100 11245	5290 11660
25 KM/H 15 MP/H	970 2140	1095 2415	1270 2800	1450 3195	1630 3595	1720 3790	1810 3990	1905 4200	1995 4400	2090 4610	2180 4805	2275 5015	2365 5215	2460 5425	2550 5620
40 KM/H 25 MP/H	875 1930	985 2170	1140 2515	1305 2875	1470 3240	1550 3415	1635 3605	1715 3780	1800 3970	1885 4155	1965 4330	2050 4520	2135 4705	2215 4885	2300 5070
50 KM/H 30 MP/H	875 1930	985 2170	1140 2515	1305 2875	1470 3240	1550 3415	1635 3605	1715 3780	1800 3970	1885 4155	1965 4330	2050 4520	2135 4705	2215 4885	2300 5070

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBSTEEL HARD SURFACE 260/70 R16.5 129A8/129B IND TL (10 R16.5) Equiv 12PR	275538 38281	266 10.5	773 30.4	355 14	2307 90.8		18 23	45 11.9	8.25						
Bar	1.50	1.80	2.20	2.60	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	22	26	32	38	44	46	49	52	55	58	61	64	67	70	73
STAT	1590 3505	1810 3990	2110 4650	2415 5325	2720 5995	2870 6325	3025 6670	3180 7010	3330 7340	3485 7685	3640 8025	3795 8365	3945 8695	4100 9040	4255 9380
25 KM/H 15 MP/H	760 1675	870 1920	1015 2240	1165 2570	1315 2900	1390 3065	1465 3230	1540 3395	1610 3550	1685 3715	1760 3880	1835 4045	1905 4200	1980 4365	2055 4530
40 KM/H 25 MP/H	690 1520	785 1730	915 2015	1050 2315	1185 2610	1250 2755	1315 2900	1385 3055	1450 3195	1515 3340	1585 3495	1650 3640	1715 3780	1785 3935	1850 4080
50 KM/H 30 MP/H	690 1520	785 1730	915 2015	1050 2315	1185 2610	1250 2755	1315 2900	1385 3055	1450 3195	1515 3340	1585 3495	1650 3640	1715 3780	1785 3935	1850 4080

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBSTEEL HARD SURFACE 300/70 R16.5 137A8/137B IND TL (12 R16.5) Equiv 14PR	241265 84590	315 12.4	830 32.7	378 14.9	2477 97.5		21 27	65 17.2	9.75						
Bar	1.50	1.80	2.20	2.60	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	22	26	32	38	44	46	49	52	55	58	61	64	67	70	73
STAT	2010 4430	2270 5005	2630 5800	3005 6625	3380 7450	3565 7860	3755 8280	3950 8710	4140 9125	4330 9545	4525 9975	4715 10395	4905 10815	5100 11245	5290 11660
25 KM/H 15 MP/H	970 2140	1095 2415	1270 2800	1450 3195	1630 3595	1720 3790	1810 3990	1905 4200	1995 4400	2090 4610	2180 4805	2275 5015	2365 5215	2460 5425	2550 5620
40 KM/H 25 MP/H	875 1930	985 2170	1140 2515	1305 2875	1470 3240	1550 3415	1635 3605	1715 3780	1800 3970	1885 4155	1965 4330	2050 4520	2135 4705	2215 4885	2300 5070
50 KM/H 30 MP/H	875 1930	985 2170	1140 2515	1305 2875	1470 3240	1550 3415	1635 3605	1715 3780	1800 3970	1885 4155	1965 4330	2050 4520	2135 4705	2215 4885	2300 5070

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
TWEEL ALL TERRAIN 10N16.5 X	297671 37131	257 10.1	767 30.2	358 14.1	2205 86.8		25 32	-		
Bar	Max									
Psi	load									
15 KM/H 10 MP/H	1678 3700									

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
TWEEL ALL TERRAIN 12N16.5 X	357108 34735	307 12.1	841 33.1	401 15.8	2405 94.7		25 32	-		
Bar	Max									
Psi	load									
15 KM/H 10 MP/H	1995 4400									

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
TWEEL HARD SURFACE TRACTION 12N16.5 X	040921 64828	307 12.1	861 33.9	409 16.1	2405 94.7		38 48	-		
Bar	Max									
Psi	load									
15 KM/H 10 MP/H	1995 4400									

17.5"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBSTEEL ALL TERRAIN 360/70 R17.5 148A8/148B IND TL (14 R17.5) Equiv 14PR	360353 17395	351 13.8	949 37.4	429 16.9	2823 111.1		26 33	99 26.2	10.5						
Bar	1.50	1.80	2.20	2.60	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	22	26	32	38	44	46	49	52	55	58	61	64	67	70	73
STAT	2715 5985	3105 6845	3620 7980	4140 9125	4660 10275	4920 10845	5175 11410	5435 11980	5695 12555	5955 13130	6215 13700	6475 14275	6730 14835	6990 15410	7250 15985
25 KM/H 15 MP/H	1300 2865	1490 3285	1740 3835	1990 4385	2245 4950	2370 5225	2495 5500	2620 5775	2745 6050	2870 6325	2995 6605	3125 6890	3250 7165	3375 7440	3500 7715
40 KM/H 25 MP/H	1180 2600	1350 2975	1575 3470	1800 3970	2025 4465	2135 4705	2250 4960	2360 5205	2475 5455	2585 5700	2700 5950	2810 6195	2925 6450	3035 6690	3150 6945
50 KM/H 30 MP/H	1180 2600	1350 2975	1575 3470	1800 3970	2025 4465	2135 4705	2250 4960	2360 5205	2475 5455	2585 5700	2700 5950	2810 6195	2925 6450	3035 6690	3150 6945

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

18"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 340/80 R18 143A8/143B IND TL 12.5 R18 (Equiv 12PR)	415829 66605	342 13.5	990 39	448 17.6	2946 116	828 444	28 35	107 28.3	11	11SDC 12 12SDC W10 W11					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2450 5400	2725 6010	2995 6605	3270 7210	3540 7805	3815 8410	4090 9015	4360 9610	4635 10220	4905 10815	5180 11420	5455 12025	5725 12620	6000 13230	6270 13825
10 KM/H CYC 6 MP/H CYC	1600 3525	1780 3925	1955 4310	2135 4705	2310 5095	2490 5490	2670 5885	2845 6270	3025 6670	3200 7055	3380 7450	3555 7835	3735 8235	3915 8630	4090 9015
25 KM/H 15 MP/H	1450 3195	1580 3485	1715 3780	1845 4070	1975 4355	2105 4640	2240 4940	2370 5225	2500 5510	2630 5800	2760 6085	2890 6370	3020 6660		
30 KM/H 20 MP/H	1390 3065	1520 3350	1645 3625	1775 3915	1900 4190	2030 4475	2155 4750	2285 5040	2410 5315	2540 5600	2665 5875	2795 6160	2920 6435		
40 KM/H 25 MP/H	1320 2910	1435 3165	1550 3415	1665 3670	1780 3925	1895 4180	2010 4430	2125 4685	2240 4940	2360 5205	2485 5480	2605 5745	2725 6010		
50 KM/H 30 MP/H	1320 2910	1435 3165	1550 3415	1665 3670	1780 3925	1895 4180	2010 4430	2125 4685	2240 4940	2360 5205	2485 5480	2605 5745	2725 6010		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 400/70 R18 147A8/147B IND TL (405/70 R18 - 16.0/70R18 Equiv 14PR)	239365 09464	397 15.6	1006 39.6	448 17.6	2983 117.4		29 37	129 34.1	13	12 12SDC 13.00					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2800 6175	3100 6835	3400 7495	3700 8155	4000 8820	4300 9480	4600 10140	4930 10870	5265 11605	5595 12335	5925 13060	6215 13700	6500 14330	6790 14970	7075 15600
10 KM/H CYC 6 MP/H CYC	1825 4025	2020 4455	2215 4885	2415 5325	2610 5755	2805 6185	3000 6615	3215 7090	3435 7575	3650 8045	3865 8520	4050 8930	4240 9350	4430 9765	4615 10175
25 KM/H 15 MP/H	1670 3680	1810 3990	1945 4290	2085 4595	2220 4895	2380 5245	2540 5600	2700 5950	2860 6305	3000 6615	3140 6925	3275 7220	3415 7530		
30 KM/H 20 MP/H	1605 3540	1740 3835	1875 4135	2005 4420	2140 4720	2295 5060	2450 5400	2600 5730	2755 6075	2890 6370	3025 6670	3155 6955	3290 7255		
40 KM/H 25 MP/H	1500 3305	1625 3585	1750 3860	1875 4135	2000 4410	2145 4730	2290 5050	2430 5355	2575 5675	2700 5950	2825 6230	2950 6505	3075 6780		
50 KM/H 30 MP/H	1500 3305	1625 3585	1750 3860	1875 4135	2000 4410	2145 4730	2290 5050	2430 5355	2575 5675	2700 5950	2825 6230	2950 6505	3075 6780		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 280/80 - 18 132A8 IND TL (BIAS) 10.5/80 - 18 (Equiv 10PR)	281778 38882	288 11.3	902 35.5	413 16.3	2691 105.9	438	26 33	80 21.1	9	10 W10 W8 W9					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	1840 4055	2025 4465	2390 5270	2760 6085	3130 6900	3495 7705	3865 8520	4230 9325	4415 9735	4600 10140					
10 KM/H CYC 6 MP/H CYC	1200 2645	1320 2910	1560 3440	1800 3970	2040 4495	2280 5025	2520 5555	2760 6085	2880 6350	3000 6615					
10 KM/H 6 MP/H	1000 2205	1100 2425	1300 2865	1500 3305	1700 3750	1900 4190	2100 4630	2300 5070	2400 5290	2500 5510					
25 KM/H 15 MP/H	850 1875	935 2060	1105 2435	1275 2810	1445 3185	1610 3550	1780 3925	1950 4300	2035 4485	2120 4675					
30 KM/H 20 MP/H	830 1830	915 2015	1080 2380	1245 2745	1415 3120	1580 3485	1745 3845	1915 4220	1995 4400	2080 4585					
40 KM/H 25 MP/H	800 1765	880 1940	1040 2295	1200 2645	1360 3000	1520 3350	1680 3705	1840 4055	1920 4235	2000 4410					

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 340/80-18 143A8 IND TL (BIAS) 12.5/80-18 (Equiv 12PR)	610873 04967	353 13.9	1006 39.6	452 17.8	2988 117.6	828 444	24 30	106 28	11	10 11SDC 12 12SDC W10 W11					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	2510 5535	2760 6085	3260 7185	3765 8300	4265 9405	4765 10505	5265 11605	5770 12720	6020 13270	6270 13825					
10 KM/H CYC 6 MPH CYC	1640 3615	1805 3980	2130 4695	2455 5410	2785 6140	3110 6855	3435 7575	3765 8300	3925 8655	4090 9015					
10 KM/H 6 MPH	1360 3000	1495 3295	1770 3900	2045 4510	2315 5105	2590 5710	2865 6315	3135 6910	3275 7220	3410 7520					
25 KM/H 15 MPH	1155 2545	1270 2800	1505 3320	1735 3825	1965 4330	2200 4850	2430 5355	2665 5875	2780 6130	2895 6380					
30 KM/H 20 MPH	1130 2490	1245 2745	1470 3240	1695 3735	1925 4245	2150 4740	2375 5235	2605 5745	2715 5985	2830 6240					
40 KM/H 25 MPH	1090 2405	1200 2645	1420 3130	1635 3605	1855 4090	2075 4575	2295 5060	2510 5535	2620 5775	2730 6020					

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 280/80 R18 132A8/132B IND TL 10.5 R18 (Equiv 10PR)	779803 25391	290 11.4	908 35.7	415 16.3	2708 106.6	438	28 35	68 18	W9	W10 W8				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	1800 3970	2200 4850	2400 5290	2600 5730	2800 6175	3000 6615	3200 7055	3400 7495	3600 7935	3800 8380	4000 8820	4200 9260	4400 9700	4600 10140
10 KM/H CYC 6 MPH CYC	1170 2580	1430 3155	1565 3450	1695 3735	1825 4025	1955 4310	2085 4595	2220 4895	2350 5180	2480 5465	2610 5755	2740 6040	2870 6325	3000 6615
25 KM/H 15 MPH	1060 2335	1255 2765	1350 2975	1445 3185	1540 3395	1635 3605	1735 3825	1830 4035	1930 4255	2025 4465	2125 4685	2220 4895		
30 KM/H 20 MPH	1020 2250	1210 2670	1300 2865	1395 3075	1490 3285	1585 3495	1675 3695	1770 3900	1865 4110	1955 4310	2050 4520	2140 4720		
40 KM/H 25 MPH	950 2095	1125 2480	1215 2680	1300 2865	1390 3065	1475 3250	1565 3450	1650 3640	1740 3835	1825 4025	1915 4220	2000 4410		
50 KM/H 30 MPH	950 2095	1125 2480	1215 2680	1300 2865	1390 3065	1475 3250	1565 3450	1650 3640	1740 3835	1825 4025	1915 4220	2000 4410		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 340/80 R18 143A8/143B IND TL 12.5 R18 (Equiv 12PR)	100054 24643	351 13.8	996 39.2	448 17.6	2959 116.5	444 828	31 39	107 28.3	11	11SDC 12 12SDC W10 W11				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2450 5400	2995 6605	3270 7210	3540 7805	3815 8410	4090 9015	4360 9610	4635 10220	4905 10815	5180 11420	5455 12025	5725 12620	6000 13230	6270 13825
10 KM/H CYC 6 MPH CYC	1600 3525	1955 4310	2135 4705	2310 5095	2490 5490	2670 5885	2845 6270	3025 6670	3200 7055	3380 7450	3555 7835	3735 8235	3915 8630	4090 9015
25 KM/H 15 MPH	1450 3195	1715 3780	1845 4070	1975 4355	2105 4640	2240 4940	2370 5225	2500 5510	2630 5800	2760 6085	2890 6370	3020 6660		
30 KM/H 20 MPH	1390 3065	1645 3625	1775 3915	1900 4190	2030 4475	2155 4750	2285 5040	2410 5315	2540 5600	2665 5875	2795 6160	2920 6435		
40 KM/H 25 MPH	1320 2910	1550 3415	1665 3670	1780 3925	1895 4180	2010 4430	2125 4685	2240 4940	2360 5205	2485 5480	2605 5745	2725 6010		
50 KM/H 30 MPH	1320 2910	1550 3415	1665 3670	1780 3925	1895 4180	2010 4430	2125 4685	2240 4940	2360 5205	2485 5480	2605 5745	2725 6010		

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 400/70 R18 147A8/147B IND TL (405/70 R18 - 16.0/70 R18 Equiv 14PR)	133035 39817	404 15.9	1013 39.9	454 17.9	3008 118.4		31 39	129 34.1	13					
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2800 6175	3400 7495	3700 8155	4000 8820	4300 9480	4600 10140	4930 10870	5265 11605	5595 12335	5925 13060	6215 13700	6500 14330	6790 14970	7075 15600
10 KM/H CYC 6 MP/H CYC	1825 4025	2215 4885	2415 5325	2610 5755	2805 6185	3000 6615	3215 7090	3435 7575	3650 8045	3865 8520	4050 8930	4240 9350	4430 9765	4615 10175
25 KM/H 15 MP/H	1670 3680	1945 4290	2085 4595	2220 4895	2380 5245	2540 5600	2700 5950	2860 6305	3000 6615	3140 6925	3275 7220	3415 7530		
30 KM/H 20 MP/H	1605 3540	1875 4135	2005 4420	2140 4720	2295 5060	2450 5400	2600 5730	2755 6075	2890 6370	3025 6670	3155 6955	3290 7255		
40 KM/H 25 MP/H	1500 3305	1750 3860	1875 4135	2000 4410	2145 4730	2290 5050	2430 5355	2575 5675	2700 5950	2825 6230	2950 6505	3075 6780		
50 KM/H 30 MP/H	1500 3305	1750 3860	1875 4135	2000 4410	2145 4730	2290 5050	2430 5355	2575 5675	2700 5950	2825 6230	2950 6505	3075 6780		

19.5"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XF 445/70 R19.5 173A8/180A2 TL 18R19.5	489102 81617	452 17.8	1110 43.7	499 19.6	3331 131.1		18 23	165 43.6	14						
Bar	3.50	3.80	4.00	4.40	4.80	5.20	5.60	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.50
Psi	51	55	58	64	70	75	81	87	90	93	96	99	102	104	109
STAT	6580 14505	7060 15565	7385 16280	8025 17690	8665 19105	9310 20525	9950 21935	10595 23360	10915 24065	11235 24770	11555 25475	11875 26180	12200 26895	12520 27600	13000 28660
10 KM/H 6 MP/H	4050 8930	4345 9580	4545 10020	4940 10890	5335 11760	5730 12630	6125 13505	6520 14375	6715 14805	6915 15245	7110 15675	7310 16115	7505 16545	7705 16985	8000 17635
20 KM/H 12 MP/H	3585 7905	3850 8490	4025 8875	4375 9645	4725 10415	5075 11190	5425 11960	5775 12730	5950 13115	6125 13505	6300 13890	6475 14275	6650 14660	6825 15045	7085 15620
30 KM/H 20 MP/H	3420 7540	3670 8090	3840 8465	4170 9195	4505 9930	4840 10670	5175 11410	5510 12145	5675 12510	5840 12875	6010 13250	6175 13615	6345 13990	6510 14350	6760 14905
35 KM/H 22 MP/H	3355 7395	3600 7935	3765 8300	4090 9015	4420 9745	4745 10460	5075 11190	5400 11905	5565 12270	5730 12630	5895 12995	6055 13350	6220 13715	6385 14075	6630 14615
40 KM/H 25 MP/H	3290 7255	3530 7780	3690 8135	4010 8840	4335 9555	4655 10265	4975 10970	5295 11675	5455 12025	5615 12380	5780 12745	5940 13095	6100 13450	6260 13800	6500 14330

20"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 340/80 R20 144A8/144B IND TL 12.5 R20 (Equiv 12PR)	991253 23767	346 13.6	1041 41	473 18.6	3100 122	664 444	28 35	114 30.1	11	11SDC 12 12SDC W10 W11					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2520 5555	2800 6175	3080 6790	3360 7410	3640 8025	3920 8640	4200 9260	4480 9875	4760 10495	5040 11110	5320 11730	5600 12345	5880 12965	6160 13580	6440 14200
10 KM/H CYC 6 MP/H CYC	1640 3615	1825 4025	2005 4420	2190 4830	2370 5225	2555 5635	2740 6040	2920 6435	3105 6845	3285 7240	3470 7650	3650 8045	3835 8455	4020 8865	4200 9260
25 KM/H 15 MP/H	1490 3285	1625 3585	1760 3880	1895 4180	2030 4475	2165 4775	2300 5070	2435 5370	2570 5665	2705 5965	2840 6260	2975 6560	3110 6855		
30 KM/H 20 MP/H	1430 3155	1560 3440	1690 3725	1820 4010	1950 4300	2080 4585	2210 4870	2340 5160	2470 5445	2605 5745	2735 6030	2870 6325	3000 6615		
40 KM/H 25 MP/H	1360 3000	1480 3265	1595 3515	1715 3780	1830 4035	1950 4300	2065 4555	2185 4815	2300 5070	2425 5345	2550 5620	2675 5895	2800 6175		
50 KM/H 30 MP/H	1360 3000	1480 3265	1595 3515	1715 3780	1830 4035	1950 4300	2065 4555	2185 4815	2300 5070	2425 5345	2550 5620	2675 5895	2800 6175		

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 400/70 R20 149A8/149B IND TL 16.0/70 R20 (Equiv 16PR)	793611 18143	403 15.9	1068 42	480 18.9	3174 125	664	29 37	140 37	13	12 12SDC 13SDC 14					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2930 6460	3255 7175	3580 7895	3905 8610	4230 9325	4555 10040	4880 10760	5205 11475	5530 12190	5855 12910	6180 13625	6505 14340	6830 15060	7155 15775	7480 16490
10 KM/H CYC 6 MP/H CYC	1910 4210	2120 4675	2335 5150	2545 5610	2760 6085	2970 6550	3180 7010	3395 7485	3605 7950	3820 8420	4030 8885	4245 9360	4455 9820	4670 10295	4880 10760
25 KM/H 15 MP/H	1730 3815	1885 4155	2045 4510	2200 4850	2355 5190	2510 5535	2670 5885	2825 6230	2980 6570	3140 6925	3295 7265	3455 7615	3610 7960		
30 KM/H 20 MP/H	1660 3660	1810 3990	1965 4330	2115 4665	2265 4995	2415 5325	2570 5665	2720 5995	2870 6325	3025 6670	3175 7000	3330 7340	3480 7670		
40 KM/H 25 MP/H	1550 3415	1690 3725	1825 4025	1965 4330	2100 4630	2240 4940	2375 5235	2515 5545	2650 5840	2800 6175	2950 6505	3100 6835	3250 7165		
50 KM/H 30 MP/H	1550 3415	1690 3725	1825 4025	1965 4330	2100 4630	2240 4940	2375 5235	2515 5545	2650 5840	2800 6175	2950 6505	3100 6835	3250 7165		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 280/80 -20 133A8 IND TL (BIAS) 10.5/80 -20 (Equiv 10PR)	694767 28486	287 11.3	947 37.3	435 17.1	2828 111.3	542	27 34	86 22.7	9	10 W10 W8 W9					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	1900 4190	2090 4610	2470 5445	2845 6270	3225 7110	3605 7950	3985 8785	4360 9610	4550 10030	4740 10450					
10 KM/H CYC 6 MP/H CYC	1240 2735	1365 3010	1610 3550	1855 4090	2105 4640	2350 5180	2595 5720	2845 6270	2965 6535	3090 6810					
10 KM/H 6 MP/H	1030 2270	1135 2500	1340 2955	1545 3405	1755 3870	1960 4320	2165 4775	2375 5235	2475 5455	2580 5690					
25 KM/H 15 MP/H	870 1920	960 2115	1135 2500	1310 2890	1485 3275	1660 3660	1835 4045	2010 4430	2095 4620	2185 4815					
30 KM/H 20 MP/H	860 1895	945 2085	1115 2460	1285 2835	1455 3210	1630 3595	1800 3970	1970 4345	2055 4530	2140 4720					
40 KM/H 25 MP/H	820 1810	905 1995	1070 2360	1235 2725	1400 3085	1565 3450	1730 3815	1895 4180	1975 4355	2060 4540					

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 340/80 -20 144A8 IND TL (BIAS) 12.5/80 -20 (Equiv 12PR)	495503 56730	337 13.3	1045 41.1	474 18.7	3112 122.5	664 444	25 32	113 29.9	11	10 11SDC 12 12SDC W10 W11					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	2580 5690	2835 6250	3350 7385	3865 8520	4380 9655	4895 10790	5410 11925	5925 13060	6185 13635	6440 14200					
10 KM/H CYC 6 MP/H CYC	1680 3705	1850 4080	2185 4815	2520 5555	2855 6295	3190 7035	3530 7780	3865 8520	4030 8885	4200 9260					
10 KM/H 6 MP/H	1400 3085	1540 3395	1820 4010	2100 4630	2380 5245	2660 5865	2940 6480	3220 7100	3360 7410	3500 7715					
25 KM/H 15 MP/H	1185 2610	1305 2875	1540 3395	1780 3925	2020 4455	2255 4970	2495 5500	2730 6020	2850 6285	2970 6550					
30 KM/H 20 MP/H	1160 2555	1275 2810	1510 3330	1745 3845	1975 4355	2210 4870	2445 5390	2675 5895	2795 6160	2910 6415					
40 KM/H 25 MP/H	1120 2470	1230 2710	1455 3210	1680 3705	1905 4200	2130 4695	2350 5180	2575 5675	2690 5930	2800 6175					

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 400/70 -20 149A8 IND TL (BIAS) 16.0/70 -20 / 405/70 -20 (Equiv 16PR)	346809 18007	405 15.9	1065 41.9	480 18.9	3167 124.7	664	29 37	129 34.1	13	12 12SDC 13SDC 14					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	2990 6590	3290 7255	3890 8575	4485 9890	5085 11210	5685 12535	6285 13855	6880 15170	7180 15830	7480 16490					
10 KM/H CYC 6 MPH CYC	1950 4300	2145 4730	2535 5590	2925 6450	3315 7310	3710 8180	4100 9040	4490 9900	4685 10330	4880 10760					
10 KM/H 6 MPH	1630 3595	1790 3945	2115 4665	2440 5380	2765 6095	3090 6810	3410 7520	3735 8235	3900 8600	4060 8950					
25 KM/H 15 MPH	1380 3040	1520 3350	1795 3955	2070 4565	2345 5170	2620 5775	2895 6380	3170 6990	3305 7285	3445 7595					
30 KM/H 20 MPH	1350 2975	1485 3275	1755 3870	2025 4465	2295 5060	2570 5665	2840 6260	3110 6855	3245 7155	3380 7450					
40 KM/H 25 MPH	1300 2865	1430 3155	1690 3725	1950 4300	2210 4870	2470 5445	2730 6020	2990 6590	3120 6880	3250 7165					

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER DIGGER 10.00-20 165A2/147B 16PR TT (BIAS)	263208 03227	286 11.3	1050 41.3	488 19.2	3144 123.8	20N	15 19	53 14	7.5T						
Bar	4.00	4.40	4.80	5.20	5.60	6.00	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.00
Psi	58	64	70	75	81	87	93	96	99	102	104	107	110	113	116
STAT	4000 8820	4380 9655	4760 10495	5140 11330	5520 12170	5900 13005	6260 13800	6440 14200	6620 14595	6800 14990	6980 15390	7160 15785	7340 16180	7515 16570	7690 16955
10 KM/H 6 MPH	2670 5885	2925 6450	3180 7010	3430 7560	3685 8125	3940 8685	4180 9215	4300 9480	4425 9755	4545 10020	4665 10285	4785 10550	4905 10815	5030 11090	5150 11355
20 KM/H 12 MPH	2130 4695	2330 5135	2535 5590	2735 6030	2940 6480	3140 6925	3330 7340	3425 7550	3520 7760	3615 7970	3710 8180	3805 8390	3900 8600	3995 8805	4090 9015
30 KM/H 20 MPH	1745 3845	1910 4210	2075 4575	2240 4940	2405 5300	2570 5665	2725 6010	2805 6185	2885 6360	2965 6535	3040 6700	3120 6880	3200 7055	3285 7240	3370 7430
35 KM/H 22 MPH	1630 3595	1785 3935	1940 4275	2095 4620	2250 4960	2405 5300	2555 5635	2625 5785	2700 5950	2775 6120	2850 6285	2925 6450	2995 6605	3065 6755	3135 6910
50 KM/H 30 MPH	1360 3000	1560 3440	1760 3880	1960 4320	2160 4760	2360 5205	2505 5525	2575 5675	2650 5840	2720 5995	2790 6150	2865 6315	2935 6470	3005 6625	3075 6780

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XM 47 405/70 R20 136GTL	123708 43043	395 15.6	1076 42.4	482 19	3194 125.7	664 ou Joint R1681	28 35	137 36.2	11	11SDC W10					
Bar	1.00	1.20	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.10
Psi	15	17	23	26	29	32	35	38	41	44	46	49	52	55	59
STAT	1950 4300	2185 4815	2655 5855	2890 6370	3125 6890	3365 7420	3600 7935	3835 8455	4070 8975	4305 9490	4540 10010	4775 10525	5010 11045	5245 11565	5600 12345
10 KM/H 6 MPH	1400 3085	1570 3460	1910 4210	2080 4585	2250 4960	2420 5335	2590 5710	2755 6075	2925 6450	3095 6825	3265 7200	3435 7575	3605 7950	3775 8320	4030 8885
30 KM/H 20 MPH	970 2140	1090 2405	1325 2920	1440 3175	1560 3440	1680 3705	1795 3955	1915 4220	2035 4485	2150 4740	2270 5005	2385 5260	2505 5525	2625 5785	2800 6175
40 KM/H 25 MPH	900 1985	1010 2225	1225 2700	1335 2945	1440 3175	1550 3415	1660 3660	1765 3890	1875 4135	1985 4375	2090 4610	2200 4850	2310 5095	2415 5325	2580 5690
65 KM/H 40 MPH	850 1875	950 2095	1155 2545	1260 2780	1360 3000	1460 3220	1565 3450	1665 3670	1765 3890	1870 4125	1970 4345	2075 4575	2175 4795	2275 5015	2430 5355
90 KM/H 56 MPH	780 1720	875 1930	1065 2350	1155 2545	1250 2755	1345 2965	1440 3175	1535 3385	1630 3595	1720 3790	1815 4000	1910 4210	2005 4420	2100 4630	2240 4940

* Refer to the notes at the end of the tables of this range

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XM 47 425/75 R20 148GTL	123706 75328	450 17.7	1147 45.2	509 20	3398 133.8	664 ou Joint R1681	30 38	185 48.9	13	11 11SDC 13SDC					
Bar	1.00	1.20	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.10
Psi	15	17	23	26	29	32	35	38	41	44	46	49	52	55	59
STAT	2750 6065	3080 6790	3740 8245	4075 8985	4405 9710	4735 10440	5065 11165	5395 11895	5725 12620	6055 13350	6385 14075	6720 14815	7050 15545	7380 16270	7875 17360
10 KM/H 6 MP/H	1970 4345	2210 4870	2685 5920	2925 6450	3165 6980	3400 7495	3640 8025	3880 8555	4120 9085	4355 9600	4595 10130	4835 10660	5075 11190	5310 11705	5670 12500
30 KM/H 20 MP/H	1370 3020	1535 3385	1865 4110	2035 4485	2200 4850	2365 5215	2530 5580	2695 5940	2860 6305	3030 6680	3195 7045	3360 7410	3525 7770	3690 8135	3940 8685
40 KM/H 25 MP/H	1260 2780	1410 3110	1715 3780	1870 4125	2020 4455	2175 4795	2325 5125	2480 5465	2630 5800	2785 6140	2935 6470	3085 6800	3240 7145	3390 7475	3620 7980
65 KM/H 40 MP/H	1190 2625	1335 2945	1620 3570	1765 3890	1910 4210	2055 4530	2195 4840	2340 5160	2485 5480	2630 5800	2775 6120	2915 6425	3060 6745	3205 7065	3420 7540
90 KM/H 56 MP/H	1100 2425	1230 2710	1495 3295	1630 3595	1760 3880	1895 4180	2025 4465	2160 4760	2290 5050	2425 5345	2555 5635	2685 5920	2820 6215	2950 6505	3150 6945

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 280/80 R20 133A8/133B IND TL 10.5 R20 (Equiv 10PR)	747442 32621	292 11.5	958 37.7	439 17.3	2860 112.6	542	31 39	73 19.3	W9	W10 W8				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	1850 4080	2260 4980	2470 5445	2675 5895	2880 6350	3085 6800	3290 7255	3500 7715	3705 8170	3910 8620	4120 9085	4325 9535	4535 10000	4740 10450
10 KM/H CYC 6 MP/H CYC	1210 2670	1480 3265	1610 3550	1745 3845	1880 4145	2015 4440	2150 4740	2280 5025	2415 5325	2550 5620	2685 5920	2820 6215	2955 6515	3090 6810
25 KM/H 15 MP/H	1090 2405	1290 2845	1390 3065	1490 3285	1590 3505	1690 3725	1790 3945	1890 4165	1990 4385	2090 4610	2190 4830	2290 5050		
30 KM/H 20 MP/H	1050 2315	1245 2745	1340 2955	1435 3165	1530 3375	1625 3585	1725 3805	1820 4010	1915 4220	2010 4430	2105 4640	2200 4850		
40 KM/H 25 MP/H	975 2150	1155 2545	1245 2745	1340 2955	1430 3155	1520 3350	1610 3550	1700 3750	1790 3945	1880 4145	1970 4345	2060 4540		
50 KM/H 30 MP/H	975 2150	1155 2545	1245 2745	1340 2955	1430 3155	1520 3350	1610 3550	1700 3750	1790 3945	1880 4145	1970 4345	2060 4540		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 340/80 R20 144A8/144B IND TL 12.5 R20 (Equiv 12PR)	948730 00733	353 13.9	1047 41.2	476 18.7	3119 122.8	664 444	31 39	114 30.1	11	11SDC 12 12SDC W10 W11				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2520 5555	3080 6790	3360 7410	3640 8025	3920 8640	4200 9260	4480 9875	4760 10495	5040 11110	5320 11730	5600 12345	5880 12965	6160 13580	6440 14200
10 KM/H CYC 6 MP/H CYC	1640 3615	2005 4420	2190 4830	2370 5225	2555 5635	2740 6040	2920 6435	3105 6845	3285 7240	3470 7650	3650 8045	3835 8455	4020 8865	4200 9260
25 KM/H 15 MP/H	1490 3285	1760 3880	1895 4180	2030 4475	2165 4775	2300 5070	2435 5370	2570 5665	2705 5965	2840 6260	2975 6560	3110 6855		
30 KM/H 20 MP/H	1430 3155	1690 3725	1820 4010	1950 4300	2080 4585	2210 4870	2340 5160	2470 5445	2605 5745	2735 6030	2870 6325	3000 6615		
40 KM/H 25 MP/H	1360 3000	1595 3515	1715 3780	1830 4035	1950 4300	2065 4555	2185 4815	2300 5070	2425 5345	2550 5620	2675 5895	2800 6175		
50 KM/H 30 MP/H	1360 3000	1595 3515	1715 3780	1830 4035	1950 4300	2065 4555	2185 4815	2300 5070	2425 5345	2550 5620	2675 5895	2800 6175		

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 400/70 R20 149A8/149B IND TL 16.0/70 R20 (Equiv 16PR)	474495 02871	412 16.2	1069 42.1	481 18.9	3177 125.1	664	33 42	140 37	13	12 12SDC 13SDC 14				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2930 6460	3580 7895	3905 8610	4230 9325	4555 10040	4880 10760	5205 11475	5530 12190	5855 12910	6180 13625	6505 14340	6830 15060	7155 15775	7480 16490
10 KM/H CYC 6 MP/H CYC	1910 4210	2335 5150	2545 5610	2760 6085	2970 6550	3180 7010	3395 7485	3605 7950	3820 8420	4030 8885	4245 9360	4455 9820	4670 10295	4880 10760
25 KM/H 15 MP/H	1730 3815	2045 4510	2200 4850	2355 5190	2510 5535	2670 5885	2825 6230	2980 6570	3140 6925	3295 7265	3455 7615	3610 7960		
30 KM/H 20 MP/H	1660 3660	1965 4330	2115 4665	2265 4995	2415 5325	2570 5665	2720 5995	2870 6325	3025 6670	3175 7000	3330 7340	3480 7670		
40 KM/H 25 MP/H	1550 3415	1825 4025	1965 4330	2100 4630	2240 4940	2375 5235	2515 5545	2650 5840	2800 6175	2950 6505	3100 6835	3250 7165		
50 KM/H 30 MP/H	1550 3415	1825 4025	1965 4330	2100 4630	2240 4940	2375 5235	2515 5545	2650 5840	2800 6175	2950 6505	3100 6835	3250 7165		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 380/75 R20 148A8/148B IND TL 14.5 R20 (Equiv 12PR)	187752 03424	384 15.1	1070 42.1	481 18.9	3180 125.2	664	33 42	136 35.9	W12	11 12 W11				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	2840 6260	3470 7650	3785 8345	4100 9040	4415 9735	4730 10430	5045 11120	5360 11815	5675 12510	5990 13205	6305 13900	6620 14595	6935 15290	7250 15985
10 KM/H CYC 6 MP/H CYC	1850 4080	2260 4980	2465 5435	2670 5885	2875 6340	3080 6790	3285 7240	3490 7695	3695 8145	3900 8600	4110 9060	4315 9515	4525 9975	4730 10430
25 KM/H 15 MP/H	1670 3680	1975 4355	2130 4695	2280 5025	2435 5370	2585 5700	2740 6040	2890 6370	3045 6715	3195 7045	3350 7385	3500 7715		
30 KM/H 20 MP/H	1610 3550	1905 4200	2050 4520	2195 4840	2340 5160	2490 5490	2635 5810	2780 6130	2930 6460	3075 6780	3225 7110	3370 7430		
40 KM/H 25 MP/H	1500 3305	1770 3900	1905 4200	2040 4495	2170 4785	2305 5080	2440 5380	2575 5675	2720 5995	2865 6315	3005 6625	3150 6945		
50 KM/H 30 MP/H	1500 3305	1770 3900	1905 4200	2040 4495	2170 4785	2305 5080	2440 5380	2575 5675	2720 5995	2865 6315	3005 6625	3150 6945		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 420/75 R20 154A8/154B IND TL 16.5/75 R20 (Equiv 18PR)	967201 19152	428 16.9	1138 44.8	509 20	3378 133	664	33 42	172 45.4	13	12 12SDC 13SDC 14				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3380 7450	4130 9105	4505 9930	4880 10760	5255 11585	5630 12410	6005 13240	6380 14065	6755 14890	7130 15720	7505 16545	7880 17370	8255 18200	8630 19025
10 KM/H CYC 6 MP/H CYC	2200 4850	2690 5930	2935 6470	3180 7010	3425 7550	3670 8090	3915 8630	4160 9170	4405 9710	4650 10250	4895 10790	5140 11330	5385 11870	5630 12410
25 KM/H 15 MP/H	1990 4385	2355 5190	2535 5590	2715 5985	2895 6380	3080 6790	3260 7185	3440 7585	3620 7980	3800 8380	3980 8775	4160 9170		
30 KM/H 20 MP/H	1920 4235	2270 5005	2440 5380	2615 5765	2790 6150	2965 6535	3135 6910	3310 7295	3485 7685	3660 8070	3835 8455	4010 8840		
40 KM/H 25 MP/H	1800 3970	2120 4675	2280 5025	2440 5380	2595 5720	2755 6075	2915 6425	3075 6780	3245 7155	3415 7530	3580 7895	3750 8265		
50 KM/H 30 MP/H	1800 3970	2120 4675	2280 5025	2440 5380	2595 5720	2755 6075	2915 6425	3075 6780	3245 7155	3415 7530	3580 7895	3750 8265		

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

22.5"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XF 445/70 R22.5 175A8/182A2 TL 18 R22.5	073522 33819	452 17.8	1192 46.9	539 21.2	3582 141		20 25	191 50.5	14						
Bar	3.50	3.80	4.00	4.40	4.80	5.20	5.60	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.50
Psi	51	55	58	64	70	75	81	87	90	93	96	99	102	104	109
STAT	6980 15390	7490 16515	7835 17275	8515 18770	9195 20270	9880 21780	10560 23280	11245 24790	11585 25540	11925 26290	12265 27040	12605 27790	12950 28550	13290 29300	13800 30425
10 KM/H 6 MP/H	4300 9480	4615 10175	4825 10635	5245 11565	5665 12490	6085 13415	6505 14340	6925 15265	7135 15730	7345 16195	7555 16655	7765 17120	7975 17580	8185 18045	8500 18740
20 KM/H 12 MP/H	3805 8390	4085 9005	4270 9415	4640 10230	5010 11045	5385 11870	5755 12690	6125 13505	6315 13920	6500 14330	6685 14740	6870 15145	7055 15555	7240 15960	7520 16580
30 KM/H 20 MP/H	3635 8015	3900 8600	4080 8995	4435 9775	4785 10550	5140 11330	5495 12115	5850 12895	6030 13295	6205 13680	6380 14065	6560 14460	6735 14850	6915 15245	7180 15830
35 KM/H 22 MP/H	3560 7850	3820 8420	3995 8805	4345 9580	4690 10340	5040 11110	5385 11870	5735 12645	5910 13030	6085 13415	6255 13790	6430 14175	6605 14560	6780 14945	7040 15520
40 KM/H 25 MP/H	3490 7695	3745 8255	3915 8630	4255 9380	4600 10140	4940 10890	5280 11640	5620 12390	5790 12765	5960 13140	6135 13525	6305 13900	6475 14275	6645 14650	6900 15210

24"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 460/70 R24 159A8/159B IND TL 17.5 LR24 (Equiv 18PR)	372690 27534	467 18.4	1241 48.9	558 22	3688 145.2	710	33 42	218 57.6	DW15L	14 16 DW14L DW16L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3940 8685	4375 9645	4815 10615	5250 11575	5690 12545	6125 13505	6560 14460	7000 15430	7435 16390	7875 17360	8310 18320	8750 19290	9185 20250	9625 21220	10060 22180
10 KM/H CYC 6 MP/H CYC	2570 5665	2855 6295	3140 6925	3425 7550	3710 8180	3995 8805	4280 9435	4565 10065	4850 10690	5135 11320	5420 11950	5705 12575	5990 13205	6275 13835	6560 14460
25 KM/H 15 MP/H	2320 5115	2530 5580	2745 6050	2955 6515	3165 6980	3375 7440	3585 7905	3800 8380	4010 8840	4225 9315	4435 9775	4650 10250	4860 10715		
30 KM/H 20 MP/H	2240 4940	2445 5390	2650 5840	2850 6285	3055 6735	3260 7185	3460 7630	3665 8080	3870 8530	4075 8985	4275 9425	4480 9875	4680 10320		
40 KM/H 25 MP/H	2120 4675	2310 5095	2505 5525	2695 5940	2885 6360	3075 6780	3270 7210	3460 7630	3650 8045	3830 8445	4015 8850	4195 9250	4375 9645		
50 KM/H 30 MP/H	2120 4675	2310 5095	2505 5525	2695 5940	2885 6360	3075 6780	3270 7210	3460 7630	3650 8045	3830 8445	4015 8850	4195 9250	4375 9645		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 440/80 R24 161A8/161B IND TL 16.9 R24 (Equiv 18PR)	814805 23762	448 17.6	1299 51.1	584 23	3860 152	710	32 40	234 61.8	DW14L	14 DW15L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4255 9380	4720 10405	5185 11430	5650 12455	6115 13480	6585 14515	7050 15545	7515 16570	7980 17595	8445 18620	8910 19645	9345 20600	9775 21550	10210 22510	10640 23455
10 KM/H CYC 6 MP/H CYC	2775 6120	3080 6790	3380 7450	3685 8125	3990 8795	4295 9470	4595 10130	4900 10805	5205 11475	5505 12135	5810 12810	6095 13435	6375 14055	6660 14685	6940 15300
25 KM/H 15 MP/H	2500 5510	2720 5995	2935 6470	3155 6955	3370 7430	3590 7915	3805 8390	4025 8875	4240 9350	4475 9865	4705 10375	4940 10890	5170 11400		
30 KM/H 20 MP/H	2390 5270	2630 5800	2865 6315	3105 6845	3340 7365	3580 7895	3815 8410	4055 8940	4290 9460	4485 9890	4680 10320	4875 10750	5070 11175		
40 KM/H 25 MP/H	2180 4805	2375 5235	2575 5675	2770 6105	2965 6535	3160 6965	3355 7395	3555 7835	3750 8265	3970 8750	4190 9235	4405 9710	4625 10195		
50 KM/H 30 MP/H	2180 4805	2375 5235	2575 5675	2770 6105	2965 6535	3160 6965	3355 7395	3555 7835	3750 8265	3970 8750	4190 9235	4405 9710	4625 10195		

* Refer to the notes at the end of the tables of this range

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 500/70 R24 164A8/164B IND TL 19.5 LR24 (Equiv 20PR)	346709 19122	499 19.6	1299 51.1	594 23.4	3874 152.5	710	32 40	266 70.3	DW16L	16 DW15L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4500 9920	5000 11025	5500 12125	6000 13230	6500 14330	7000 15430	7500 16535	8000 17635	8500 18740	9000 19840	9500 20945	10000 22045	10500 23150	11000 24250	11500 25355
10 KM/H CYC 6 MP/H CYC	2930 6460	3255 7175	3585 7905	3910 8620	4240 9350	4565 10065	4890 10780	5220 11510	5545 12225	5875 12950	6200 13670	6525 14385	6850 15100	7175 15820	7500 16535
25 KM/H 15 MP/H	2650 5840	2890 6370	3135 6910	3375 7440	3615 7970	3855 8500	4100 9040	4340 9570	4580 10095	4825 10635	5065 11165	5310 11705	5550 12235		
30 KM/H 20 MP/H	2560 5645	2795 6160	3025 6670	3260 7185	3490 7695	3725 8210	3955 8720	4190 9235	4420 9745	4655 10265	4885 10770	5120 11290	5350 11795		
40 KM/H 25 MP/H	2360 5205	2580 5690	2800 6175	3020 6660	3245 7155	3465 7640	3685 8125	3905 8610	4125 9095	4345 9580	4565 10065	4780 10540	5000 11025		
50 KM/H 30 MP/H	2360 5205	2580 5690	2800 6175	3020 6660	3245 7155	3465 7640	3685 8125	3905 8610	4125 9095	4345 9580	4565 10065	4780 10540	5000 11025		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 540/70 R24 168A8/168B IND TL 21 LR24 (Equiv 20PR)	005412 34928	567 22.3	1341 52.8	600 23.6	3981 156.7	710	33 42	317 83.7	DW18L	DW16L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	5015 11055	5465 12050	5910 13030	6360 14020	6805 15000	7255 15995	7700 16975	8150 17970	8595 18950	9045 19940	9490 20920	10335 22785	11185 24660	12035 26535	12880 28395
10 KM/H CYC 6 MP/H CYC	3270 7210	3560 7850	3855 8500	4145 9140	4440 9790	4730 10430	5020 11065	5315 11720	5605 12355	5900 13005	6190 13645	6740 14860	7295 16085	7850 17305	8400 18520
25 KM/H 15 MP/H	2940 6480	3215 7090	3490 7695	3765 8300	4040 8905	4310 9500	4585 10110	4860 10715	5135 11320	5405 11915	5680 12520	5950 13115	6220 13715		
30 KM/H 20 MP/H	2840 6260	3105 6845	3370 7430	3630 8005	3895 8585	4160 9170	4425 9755	4685 10330	4950 10915	5215 11495	5475 12070	5740 12655	6000 13230		
40 KM/H 25 MP/H	2650 5840	2895 6380	3145 6935	3390 7475	3640 8025	3885 8565	4130 9105	4380 9655	4625 10195	4870 10735	5115 11275	5355 11805	5600 12345		
50 KM/H 30 MP/H	2650 5840	2895 6380	3145 6935	3390 7475	3640 8025	3885 8565	4130 9105	4380 9655	4625 10195	4870 10735	5115 11275	5355 11805	5600 12345		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 400/80 R24 156A8/151D IND TL 15.5/80 R24 (Equiv 20PR)	920345 76135	413 16.3	1240 48.8	567 22.3	3747 147.5	703	26 33	187 49.4	DW13L	DW12 DW14L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3600 7935	4000 8820	4400 9700	4800 10580	5200 11465	5600 12345	6000 13230	6400 14110	6800 14990	7200 15875	7600 16755	8000 17635	8400 18520	8800 19400	9200 20285
10 KM/H CYC 6 MP/H CYC	2340 5160	2600 5730	2860 6305	3125 6890	3385 7465	3645 8035	3905 8610	4165 9180	4430 9765	4690 10340	4950 10915	5215 11495	5475 12070	5740 12655	6000 13230
25 KM/H 15 MP/H	2120 4675	2285 5040	2450 5400	2610 5755	2775 6120	2940 6480	3100 6835	3265 7200	3430 7560	3665 8080	3905 8610	4140 9125	4375 9645		
30 KM/H 20 MP/H	2060 4540	2225 4905	2385 5260	2550 5620	2710 5975	2875 6340	3035 6690	3200 7055	3360 7410	3590 7915	3825 8435	4055 8940	4290 9460		
40 KM/H 25 MP/H	1950 4300	2105 4640	2255 4970	2410 5315	2565 5655	2715 5985	2870 6325	3020 6660	3175 7000	3380 7450	3590 7915	3795 8365	4000 8820		
50 KM/H 30 MP/H	1950 4300	2105 4640	2255 4970	2410 5315	2565 5655	2715 5985	2870 6325	3020 6660	3175 7000	3380 7450	3590 7915	3795 8365	4000 8820		
65 KM/H 40 MP/H	1640 3615	1785 3935	1930 4255	2075 4575	2225 4905	2370 5225	2515 5545	2660 5865	2805 6185	2965 6535	3130 6900	3290 7255	3450 7605		

* Refer to the notes at the end of the tables of this range

Reading the technical data - See Page page 44

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 460/70 R24 159A8/154D IND TL 17.5 LR24 (Equiv 18PR)	304047 11050	475 18.7	1246 49.1	573 22.6	3772 148.5		26 33	217 57.3	DW15L	14 16 DW14L DW16A					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3940 8685	4375 9645	4815 10615	5250 11575	5690 12545	6125 13505	6560 14460	7000 15430	7435 16390	7875 17360	8310 18320	8750 19290	9185 20250	9625 21220	10060 22180
10 KM/H CYC 6 MPH CYC	2570 5665	2855 6295	3140 6925	3425 7550	3710 8180	3995 8805	4280 9435	4565 10065	4850 10690	5135 11320	5420 11950	5705 12575	5990 13205	6275 13835	6560 14460
25 KM/H 15 MPH	2320 5115	2530 5580	2745 6050	2955 6515	3165 6980	3375 7440	3585 7905	3800 8380	4010 8840	4225 9315	4435 9775	4650 10250	4860 10715		
30 KM/H 20 MPH	2240 4940	2445 5390	2650 5840	2850 6285	3055 6735	3260 7185	3460 7630	3665 8080	3870 8530	4075 8985	4275 9425	4480 9875	4680 10320		
40 KM/H 25 MPH	2120 4675	2310 5095	2505 5525	2695 5940	2885 6360	3075 6780	3270 7210	3460 7630	3650 8045	3830 8445	4015 8850	4195 9250	4375 9645		
50 KM/H 30 MPH	2120 4675	2310 5095	2505 5525	2695 5940	2885 6360	3075 6780	3270 7210	3460 7630	3650 8045	3830 8445	4015 8850	4195 9250	4375 9645		
65 KM/H 40 MPH	1820 4010	1985 4375	2150 4740	2310 5095	2475 5455	2640 5820	2800 6175	2965 6535	3130 6900	3285 7240	3440 7585	3595 7925	3750 8265		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 440/80 R24 161A8/156D IND TL 16.9 R24 (Equiv 18PR)	131846 74806	447 17.6	1314 51.7	593 23.3	3977 156.6	710	26 33	234 61.8	DW14L	DW15L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4160 9170	4625 10195	5085 11210	5550 12235	6010 13250	6475 14275	6940 15300	7400 16315	7865 17340	8325 18355	8790 19380	9255 20405	9715 21420	10180 22445	10640 23455
10 KM/H CYC 6 MPH CYC	2710 5975	3010 6635	3315 7310	3615 7970	3920 8640	4220 9305	4525 9975	4825 10635	5125 11300	5430 11970	5730 12630	6035 13305	6335 13965	6640 14640	6940 15300
25 KM/H 15 MPH	2460 5425	2685 5920	2905 6405	3130 6900	3350 7385	3575 7880	3795 8365	4020 8865	4240 9350	4465 9845	4685 10330	4910 10825	5130 11310		
30 KM/H 20 MPH	2370 5225	2585 5700	2800 6175	3015 6645	3230 7120	3445 7595	3660 8070	3875 8545	4090 9015	4305 9490	4520 9965	4735 10440	4950 10915		
40 KM/H 25 MPH	2240 4940	2445 5390	2650 5840	2855 6295	3060 6745	3260 7185	3465 7640	3670 8090	3875 8545	4065 8960	4250 9370	4440 9790	4625 10195		
50 KM/H 30 MPH	2240 4940	2445 5390	2650 5840	2855 6295	3060 6745	3260 7185	3465 7640	3670 8090	3875 8545	4065 8960	4250 9370	4440 9790	4625 10195		
65 KM/H 40 MPH	1880 4145	2050 4520	2220 4895	2390 5270	2560 5645	2725 6010	2895 6380	3065 6755	3235 7130	3425 7550	3615 7970	3800 8380	3990 8795		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 400/70 -24 158A8 IND TL (BIAS) 16.0/70 -24 / 405/70 -24 (Equiv 20PR)	407878 60752	418 16.5	1173 46.2	535 21.1	3497 137.7	703	29 37	165 43.6	DW13	13 14 DW14L					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	3290 7255	3615 7970	4265 9405	4910 10825	5560 12260	6210 13690	6855 15115	7505 16545	7830 17260	8155 17980	8480 18695	8800 19400	9125 20115	9450 20835	9775 21550
10 KM/H CYC 6 MPH CYC	2145 4730	2355 5190	2780 6130	3205 7065	3625 7990	4050 8930	4470 9855	4895 10790	5105 11255	5320 11730	5530 12190	5740 12655	5950 13115	6165 13590	6375 14055
10 KM/H 6 MPH	1790 3945	1965 4330	2320 5115	2670 5885	3025 6670	3375 7440	3730 8225	4080 8995	4260 9390	4435 9775	4610 10165	4785 10550	4965 10945	5140 11330	5315 11720
25 KM/H 15 MPH	1515 3340	1665 3670	1965 4330	2265 4995	2560 5645	2860 6305	3160 6965	3460 7630	3610 7960	3760 8290	3905 8610	4055 8940	4205 9270	4355 9600	4505 9930
30 KM/H 20 MPH	1485 3275	1630 3595	1925 4245	2220 4895	2510 5535	2805 6185	3100 6835	3395 7485	3540 7805	3685 8125	3835 8455	3980 8775	4125 9095	4275 9425	4420 9745
40 KM/H 25 MPH	1430 3155	1570 3460	1855 4090	2135 4705	2415 5325	2700 5950	2980 6570	3265 7200	3405 7505	3545 7815	3685 8125	3825 8435	3970 8750	4110 9060	4250 9370

* Refer to the notes at the end of the tables of this range

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 440/80 -24 168A8 IND TL (BIAS) 16.9 -24 / 16.5/85 -24 (Equiv 22PR)	165629 56443	460 18.1	1328 52.3	596 23.5	3944 155.3	710	29 37	236 62.3	DW15L	14 DW13 DW14L					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	4340 9570	4765 10505	5620 12390	6475 14275	7330 16160	8185 18045	9035 19920	9890 21805	10320 22750	10745 23690	11170 24625	11600 25575	12025 26510	12455 27460	12880 28395
10 KM/H CYC 6 MP/H CYC	2830 6240	3110 6855	3665 8080	4225 9315	4780 10540	5335 11760	5895 12995	6450 14220	6730 14835	7010 15455	7285 16060	7565 16680	7845 17295	8120 17900	8400 18520
10 KM/H 6 MP/H	2360 5205	2590 5710	3055 6735	3520 7760	3985 8785	4450 9810	4910 10825	5375 11850	5610 12370	5840 12875	6070 13380	6305 13900	6535 14405	6770 14925	7000 15430
25 KM/H 15 MP/H	2005 4420	2200 4850	2595 5720	2990 6590	3380 7450	3775 8320	4165 9180	4560 10055	4755 10485	4955 10925	5150 11355	5345 11785	5540 12215	5740 12655	5935 13085
30 KM/H 20 MP/H	1960 4320	2155 4750	2540 5600	2925 6450	3310 7295	3695 8145	4085 9005	4470 9855	4660 10275	4855 10705	5050 11135	5240 11550	5435 11980	5625 12400	5820 12830
40 KM/H 25 MP/H	1890 4165	2075 4575	2445 5390	2820 6215	3190 7035	3560 7850	3930 8665	4300 9480	4485 9890	4675 10305	4860 10715	5045 11120	5230 11530	5415 11940	5600 12345

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XM 47 445/70 R24 151GTL	123642 45627	462 18.2	1239 48.8	562 22.1	3689 145.2	710	34 43	210 55.5	DW15L	DW14L W14L W15L					
Bar	1.00	1.20	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00
Psi	15	17	23	26	29	32	35	38	41	44	46	49	52	55	59
STAT	3000 6615	3365 7420	4090 9015	4450 9810	4815 10615	5175 11410	5540 12215	5905 13020	6265 13810	6630 14615	6990 15410	7355 16215	7720 17020	8080 17815	8625 19015
10 KM/H 6 MP/H	2160 4760	2420 5335	2945 6495	3205 7065	3465 7640	3730 8225	3990 8795	4250 9370	4510 9945	4775 10525	5035 11100	5295 11675	5555 12245	5820 12830	6210 13690
30 KM/H 20 MP/H	1500 3305	1680 3705	2045 4510	2225 4905	2405 5300	2590 5710	2770 6105	2950 6505	3130 6900	3315 7310	3495 7705	3675 8100	3855 8500	4040 8905	4310 9500
40 KM/H 25 MP/H	1380 3040	1545 3405	1880 4145	2050 4520	2215 4885	2385 5260	2550 5620	2715 5985	2885 6360	3050 6725	3220 7100	3385 7465	3550 7825	3720 8200	3970 8750
65 KM/H 40 MP/H	1300 2865	1455 3210	1770 3900	1930 4255	2085 4595	2245 4950	2400 5290	2560 5645	2715 5985	2875 6340	3030 6680	3190 7035	3345 7375	3505 7725	3740 8245
90 KM/H 56 MP/H	1200 2645	1345 2965	1635 3605	1780 3925	1925 4245	2070 4565	2215 4885	2360 5205	2505 5525	2650 5840	2795 6160	2940 6480	3085 6800	3230 7120	3450 7605

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XM 47 495/70 R24 155GTL	123620 88892	508 20	1311 51.6	581 22.9	3883 152.9	710	35 44	248 65.5	DW16L	W16L					
Bar	1.00	1.20	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.10
Psi	15	17	23	26	29	32	35	38	41	44	46	49	52	55	59
STAT	3375 7440	3785 8345	4600 10140	5005 11035	5415 11940	5825 12840	6230 13735	6640 14640	7050 15545	7455 16435	7865 17340	8270 18230	8680 19135	9090 20040	9700 21385
10 KM/H 6 MP/H	2430 5355	2725 6010	3310 7295	3605 7950	3900 8600	4190 9235	4485 9890	4780 10540	5070 11175	5365 11830	5660 12480	5955 13130	6245 13770	6540 14420	6980 15390
30 KM/H 20 MP/H	1690 3725	1895 4180	2300 5070	2505 5525	2705 5965	2910 6415	3115 6865	3315 7310	3520 7760	3720 8200	3925 8655	4130 9105	4330 9545	4535 10000	4840 10670
40 KM/H 25 MP/H	1550 3415	1740 3835	2115 4665	2300 5070	2490 5490	2675 5895	2865 6315	3050 6725	3240 7145	3425 7550	3615 7970	3805 8390	3990 8795	4180 9215	4460 9835
65 KM/H 40 MP/H	1460 3220	1635 3605	1990 4385	2165 4775	2345 5170	2520 5555	2695 5940	2875 6340	3050 6725	3230 7120	3405 7505	3580 7895	3760 8290	3935 8675	4200 9260
90 KM/H 56 MP/H	1350 2975	1515 3340	1840 4055	2005 4420	2165 4775	2330 5135	2495 5500	2655 5855	2820 6215	2980 6570	3145 6935	3310 7295	3470 7650	3635 8015	3880 8555

* Refer to the notes at the end of the tables of this range

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
XMCL 400/70 R24 152A8/152B IND TL 16.0/70 R24 (Equiv 16PR)	178690 92225	401 15.8	1170 46.1	531 20.9	3485 137.2	703	33 42	157 41.5	DW13L	13 13SDC DW12 DW13 DW14L

Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3130 6900	3840 8465	4190 9235	4545 10020	4900 10805	5255 11585	5610 12370	5960 13140	6315 13920	6670 14705	7045 15530	7420 16360	7790 17175	8165 18000
10 KM/H CYC 6 MPH CYC	2040 4495	2500 5510	2735 6030	2965 6535	3195 7045	3425 7550	3655 8060	3890 8575	4120 9085	4350 9590	4595 10130	4840 10670	5080 11200	5325 11740
25 KM/H 15 MPH	1830 4035	2180 4805	2350 5180	2525 5565	2700 5950	2875 6340	3045 6715	3220 7100	3400 7495	3580 7895	3760 8290	3940 8685		
30 KM/H 20 MPH	1765 3890	2100 4630	2270 5005	2435 5370	2605 5745	2770 6105	2940 6480	3105 6845	3280 7230	3455 7615	3625 7990	3800 8380		
40 KM/H 25 MPH	1650 3640	1965 4330	2120 4675	2275 5015	2430 5355	2590 5710	2745 6050	2900 6395	3065 6755	3225 7110	3390 7475	3550 7825		
50 KM/H 30 MPH	1650 3640	1965 4330	2120 4675	2275 5015	2430 5355	2590 5710	2745 6050	2900 6395	3065 6755	3225 7110	3390 7475	3550 7825		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
XMCL 460/70 R24 159A8/159B IND TL 17.5 LR24 (Equiv 18PR)	244268 70333	467 18.4	1248 49.1	562 22.1	3709 146	710	36 45	218 57.6	DW15L	14 16 DW14L DW16L TW14L

Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3940 8685	4815 10615	5250 11575	5690 12545	6125 13505	6560 14460	7000 15430	7435 16390	7875 17360	8310 18320	8750 19290	9185 20250	9625 21220	10060 22180
10 KM/H CYC 6 MPH CYC	2570 5665	3140 6925	3425 7550	3710 8180	3995 8805	4280 9435	4565 10065	4850 10690	5135 11320	5420 11950	5705 12575	5990 13205	6275 13835	6560 14460
25 KM/H 15 MPH	2320 5115	2745 6050	2955 6515	3165 6980	3375 7440	3585 7905	3800 8380	4010 8840	4225 9315	4435 9775	4650 10250	4860 10715		
30 KM/H 20 MPH	2240 4940	2650 5840	2850 6285	3055 6735	3260 7185	3460 7630	3665 8080	3870 8530	4075 8985	4275 9425	4480 9875	4680 10320		
40 KM/H 25 MPH	2120 4675	2505 5525	2695 5940	2885 6360	3075 6780	3270 7210	3460 7630	3650 8045	3830 8445	4015 8850	4195 9250	4375 9645		
50 KM/H 30 MPH	2120 4675	2505 5525	2695 5940	2885 6360	3075 6780	3270 7210	3460 7630	3650 8045	3830 8445	4015 8850	4195 9250	4375 9645		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
XMCL 500/70 R24 164A8/164B IND TL 19.5 LR24 (Equiv 20PR)	542794 89582	511 20.1	1302 51.3	583 23	3866 152.2	710	36 45	266 70.3	DW16L	16 DW15L

Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4500 9920	5500 12125	6000 13230	6500 14330	7000 15430	7500 16535	8000 17635	8500 18740	9000 19840	9500 20945	10000 22045	10500 23150	11000 24250	11500 25355
10 KM/H CYC 6 MPH CYC	2930 6460	3585 7905	3910 8620	4240 9350	4565 10065	4890 10780	5220 11510	5545 12225	5875 12950	6200 13670	6525 14385	6850 15100	7175 15820	7500 16535
25 KM/H 15 MPH	2650 5840	3135 6910	3375 7440	3615 7970	3855 8500	4100 9040	4340 9570	4580 10095	4825 10635	5065 11165	5310 11705	5550 12235		
30 KM/H 20 MPH	2560 5645	3025 6670	3260 7185	3490 7695	3725 8210	3955 8720	4190 9235	4420 9745	4655 10265	4885 10770	5120 11290	5350 11795		
40 KM/H 25 MPH	2360 5205	2800 6175	3020 6660	3245 7155	3465 7640	3685 8125	3905 8610	4125 9095	4345 9580	4565 10065	4780 10540	5000 11025		
50 KM/H 30 MPH	2360 5205	2800 6175	3020 6660	3245 7155	3465 7640	3685 8125	3905 8610	4125 9095	4345 9580	4565 10065	4780 10540	5000 11025		

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 440/80 R24 161A8/161B IND TL 16.9 R24 (Equiv 18PR)	954749 34933	441 17.4	1314 51.7	592 23.3	3907 153.8	710	36 45	236 62.3	DW14L	14 DW15L TW14L				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4160 9170	5085 11210	5550 12235	6010 13250	6475 14275	6940 15300	7400 16315	7865 17340	8325 18355	8790 19380	9255 20405	9715 21420	10180 22445	10640 23455
10 KM/H CYC 6 MP/H CYC	2710 5975	3315 7310	3615 7970	3920 8640	4220 9305	4520 9965	4825 10635	5125 11300	5430 11970	5730 12630	6030 13295	6335 13965	6640 14640	6940 15300
25 KM/H 15 MP/H	2460 5425	2905 6405	3130 6900	3350 7385	3575 7880	3795 8365	4020 8865	4240 9350	4465 9845	4685 10330	4910 10825	5130 11310		
30 KM/H 20 MP/H	2370 5225	2800 6175	3015 6645	3230 7120	3445 7595	3660 8070	3875 8545	4090 9015	4305 9490	4520 9965	4735 10440	4950 10915		
40 KM/H 25 MP/H	2240 4940	2650 5840	2855 6295	3060 6745	3260 7185	3465 7640	3670 8090	3875 8545	4065 8960	4250 9370	4440 9790	4625 10195		
50 KM/H 30 MP/H	2240 4940	2650 5840	2855 6295	3060 6745	3260 7185	3465 7640	3670 8090	3875 8545	4065 8960	4250 9370	4440 9790	4625 10195		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 540/70 R24 168A8/168B IND TL 21 LR24 (Equiv 20PR)	959128 58268	562 22.1	1356 53.4	608 23.9	4026 158.5	710	36 45	317 83.7	DW18L	DW16L				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	5015 11055	5910 13030	6360 14020	6805 15000	7255 15995	7700 16975	8150 17970	8595 18950	9045 19940	9490 20920	10335 22785	11185 24660	12035 26535	12880 28395
10 KM/H CYC 6 MP/H CYC	3270 7210	3855 8500	4145 9140	4440 9790	4730 10430	5020 11065	5315 11720	5605 12355	5900 13005	6190 13645	6740 14860	7295 16085	7850 17305	8400 18520
25 KM/H 15 MP/H	2940 6480	3490 7695	3765 8300	4040 8905	4310 9500	4585 10110	4860 10715	5135 11320	5405 11915	5680 12520	5950 13115	6220 13715		
30 KM/H 20 MP/H	2840 6260	3370 7430	3630 8005	3895 8585	4160 9170	4425 9755	4685 10330	4950 10915	5215 11495	5475 12070	5740 12655	6000 13230		
40 KM/H 25 MP/H	2650 5840	3145 6935	3390 7475	3640 8025	3885 8565	4130 9105	4380 9655	4625 10195	4870 10735	5115 11275	5355 11805	5600 12345		
50 KM/H 30 MP/H	2650 5840	3145 6935	3390 7475	3640 8025	3885 8565	4130 9105	4380 9655	4625 10195	4870 10735	5115 11275	5355 11805	5600 12345		

26"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 480/80 R26 167A8/167B IND TL 18.4 R26 (Equiv 20PR)	886709 46166	509 20	1419 55.9	637 25.1	4215 165.9	716	33 42	304 80.3	DW15L	DW16L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4900 10805	5445 12005	5990 13205	6535 14405	7080 15610	7625 16810	8170 18010	8715 19215	9260 20415	9805 21615	10350 22820	10895 24020	11445 25230	11990 26435	12535 27635
10 KM/H CYC 6 MP/H CYC	3200 7055	3555 7835	3910 8620	4265 9405	4620 10185	4975 10970	5330 11750	5685 12535	6040 13315	6395 14100	6750 14880	7460 16445	8175 18025		
25 KM/H 15 MP/H	2890 6370	3155 6955	3420 7540	3680 8115	3945 8695	4210 9280	4475 9865	4735 10440	5000 11025	5265 11605	5525 12180	5790 12765	6050 13340		
30 KM/H 20 MP/H	2790 6150	3045 6715	3300 7275	3550 7825	3805 8390	4060 8950	4315 9515	4565 10065	4820 10625	5075 11190	5330 11750	5580 12300	5835 12865		
40 KM/H 25 MP/H	2575 5675	2815 6205	3055 6735	3295 7265	3540 7805	3780 8335	4020 8865	4260 9390	4500 9920	4740 10450	4975 10970	5215 11495	5450 12015		
50 KM/H 30 MP/H	2575 5675	2815 6205	3055 6735	3295 7265	3540 7805	3780 8335	4020 8865	4260 9390	4500 9920	4740 10450	4975 10970	5215 11495	5450 12015		

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 480/80-26 167A8 IND TL (BIAS) 18.4-26 (Equiv 20PR)	226486 32114	504 19.8	1417 55.8	637 25.1	4211 165.8	716	28 35	302 79.8	DW16L	DW15L					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	4920 10845	5415 11940	6400 14110	7390 16290	8375 18465	9365 20645	10350 22820	11445 25230	11990 26435	12535 27635					
10 KM/H CYC 6 MP/H CYC	3210 7075	3530 7780	4175 9205	4820 10625	5465 12050	6105 13460	6750 14880	7465 16455	7820 17240	8175 18025					
10 KM/H 6 MP/H	2670 5885	2940 6480	3475 7660	4015 8850	4555 10040	5090 11220	5630 12410	6225 13725	6520 14375	6815 15025					
25 KM/H 15 MP/H	2270 5005	2495 5500	2950 6505	3405 7505	3860 8510	4315 9515	4770 10515	5275 11630	5530 12190	5780 12745					
30 KM/H 20 MP/H	2220 4895	2445 5390	2890 6370	3340 7365	3785 8345	4235 9335	4680 10320	5175 11410	5425 11960	5670 12500					
40 KM/H 25 MP/H	2140 4720	2355 5190	2785 6140	3215 7090	3640 8025	4070 8975	4500 9920	4975 10970	5215 11495	5450 12015					

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
XMCL 480/80 R26 167A8/167B IND TL 18.4 R26 (Equiv 20PR)	425979 22312	495 19.5	1422 56	636 25	4218 166.1	716	36 45	302 79.8	DW15L	DW16L					
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64	
STAT	4900 10805	5990 13205	6535 14405	7080 15610	7625 16810	8170 18010	8715 19215	9260 20415	9805 21615	10350 22820	10895 24020	11445 25230	11990 26435	12535 27635	
10 KM/H CYC 6 MP/H CYC	3200 7055	3910 8620	4265 9405	4620 10185	4975 10970	5330 11750	5685 12535	6040 13315	6395 14100	6750 14880	7460 16445	8175 18025			
25 KM/H 15 MP/H	2890 6370	3420 7540	3680 8115	3945 8695	4210 9280	4475 9865	4735 10440	5000 11025	5265 11605	5525 12180	5790 12765	6050 13340			
30 KM/H 20 MP/H	2790 6150	3300 7275	3550 7825	3805 8390	4060 8950	4315 9515	4565 10065	4820 10625	5075 11190	5330 11750	5580 12300	5835 12865			
40 KM/H 25 MP/H	2575 5675	3055 6735	3295 7265	3540 7805	3780 8335	4020 8865	4260 9390	4500 9920	4740 10450	4975 10970	5215 11495	5450 12015			
50 KM/H 30 MP/H	2575 5675	3055 6735	3295 7265	3540 7805	3780 8335	4020 8865	4260 9390	4500 9920	4740 10450	4975 10970	5215 11495	5450 12015			

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COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
BIBLOAD HARD SURFACE 440/80 R28 163A8/163B IND TL 16.9 R28 (Equiv 18PR)	195802 49461	446 17.6	1407 55.4	637 25.1	4188 164.9	822	33 42	259 68.4	DW14L	DW15L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4370 9635	4930 10870	5485 12090	6045 13325	6605 14560	7165 15795	7720 17020	8280 18255	8840 19490	9395 20710	9955 21945	10515 23180	11075 24415	11630 25640	12190 26875
10 KM/H CYC 6 MP/H CYC	2850 6285	3275 7220	3700 8155	4125 9095	4550 10030	4975 10970	5400 11905	5825 12840	6250 13780	6675 14715	7100 15655	7525 16590	7950 17525		
25 KM/H 15 MP/H	2620 5775	2855 6295	3085 6800	3320 7320	3550 7825	3785 8345	4015 8850	4250 9370	4480 9875	4715 10395	4945 10900	5180 11420	5410 11925		
30 KM/H 20 MP/H	2525 5565	2750 6065	2975 6560	3200 7055	3420 7540	3645 8035	3870 8530	4095 9030	4320 9525	4545 10020	4765 10505	4990 11000	5215 11495		
40 KM/H 25 MP/H	2360 5205	2570 5665	2780 6130	2990 6590	3200 7055	3410 7520	3620 7980	3825 8435	4035 8895	4245 9360	4455 9820	4665 10285	4875 10750		
50 KM/H 30 MP/H	2360 5205	2570 5665	2780 6130	2990 6590	3200 7055	3410 7520	3620 7980	3825 8435	4035 8895	4245 9360	4455 9820	4665 10285	4875 10750		

* Refer to the notes at the end of the tables of this range

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 400/80 R28 158A8/153D IND TL 14.9 R28	219659 38141	412 16.2	1354 53.3	615 24.2	4094 161.2		26 33	159 42	DW13	W12 W13					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	3830 8445	4255 9380	4680 10320	5105 11255	5530 12190	5955 13130	6375 14055	6800 14990	7225 15930	7650 16865	8075 17800	8500 18740	8925 19675	9350 20615	9775 21550
10 KM/H CYC 6 MP/H CYC	2500 5510	2775 6120	3055 6735	3330 7340	3605 7950	3885 8565	4160 9170	4435 9775	4710 10385	4990 11000	5265 11605	5545 12225	5820 12830	6100 13450	6375 14055
25 KM/H 15 MP/H	2255 4970	2460 5425	2665 5875	2870 6325	3075 6780	3280 7230	3485 7685	3690 8135	3895 8585	4100 9040	4310 9500	4515 9955	4720 10405		
30 KM/H 20 MP/H	2175 4795	2375 5235	2570 5665	2770 6105	2970 6550	3165 6980	3365 7420	3560 7850	3760 8290	3955 8720	4155 9160	4350 9590	4545 10020		
40 KM/H 25 MP/H	2060 4540	2245 4950	2430 5355	2615 5765	2805 6185	2990 6590	3175 7000	3360 7410	3545 7815	3720 8200	3900 8600	4075 8985	4250 9370		
50 KM/H 30 MP/H	2060 4540	2245 4950	2430 5355	2615 5765	2805 6185	2990 6590	3175 7000	3360 7410	3545 7815	3720 8200	3900 8600	4075 8985	4250 9370		
65 KM/H 40 MP/H	1770 3900	1930 4255	2090 4610	2245 4950	2405 5300	2565 5655	2725 6010	2880 6350	3040 6700	3190 7035	3345 7375	3495 7705	3645 8035		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 440/80 R28 163A8/158D IND TL 16.9 R28 (Equiv 18PR)	439765 52613	450 17.7	1410 55.5	635 25	4283 168.6	822	26 33	259 68.4	DW14L	DW15L					
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4370 9635	4930 10870	5485 12090	6045 13325	6605 14560	7165 15795	7720 17020	8280 18255	8840 19490	9395 20710	9955 21945	10515 23180	11075 24415	11630 25640	12190 26875
10 KM/H CYC 6 MP/H CYC	2850 6285	3275 7220	3700 8155	4125 9095	4550 10030	4975 10970	5400 11905	5825 12840	6250 13780	6675 14715	7100 15655	7525 16590	7950 17525		
25 KM/H 15 MP/H	2620 5775	2855 6295	3090 6810	3325 7330	3565 7860	3800 8380	4035 8895	4270 9415	4505 9930	4730 10430	4960 10935	5185 11430	5410 11925		
30 KM/H 20 MP/H	2525 5565	2750 6065	2975 6560	3200 7055	3425 7550	3645 8035	3870 8530	4095 9030	4320 9525	4545 10020	4770 10515	4990 11000	5215 11495		
40 KM/H 25 MP/H	2360 5205	2570 5665	2780 6130	2990 6590	3200 7055	3405 7505	3615 7970	3825 8435	4035 8895	4245 9360	4455 9820	4665 10285	4875 10750		
50 KM/H 30 MP/H	2360 5205	2570 5665	2780 6130	2990 6590	3200 7055	3405 7505	3615 7970	3825 8435	4035 8895	4245 9360	4455 9820	4665 10285	4875 10750		
65 KM/H 40 MP/H	2035 4485	2210 4870	2390 5270	2565 5655	2745 6050	2920 6435	3095 6825	3275 7220	3450 7605	3650 8045	3850 8490	4050 8930	4250 9370		

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 440/80 -28 163 A8 IND TL (BIAS) 16.9 -28 / 16.5/85 -28 (Equiv 18PR)	691578 95541	449 17.7	1412 55.6	642 25.3	4201 165.4	822	29 37	259 68.4	DW15L	DW13 DW14L					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
STAT	4370 9635	4810 10605	5685 12535	6565 14475	7445 16415	8320 18340	9200 20285	10210 22510	10710 23610	11215 24725					
10 KM/H CYC 6 MP/H CYC	2850 6285	3135 6910	3710 8180	4280 9435	4855 10705	5425 11960	6000 13230	6660 14685	6985 15400	7315 16125					
10 KM/H 6 MP/H	2375 5235	2615 5765	3090 6810	3570 7870	4045 8920	4525 9975	5000 11025	5550 12235	5820 12830	6095 13435					
25 KM/H 15 MP/H	2015 4440	2215 4885	2620 5775	3025 6670	3430 7560	3835 8455	4240 9350	4705 10375	4940 10890	5170 11400					
30 KM/H 20 MP/H	1975 4355	2175 4795	2570 5665	2970 6550	3365 7420	3765 8300	4160 9170	4615 10175	4845 10680	5070 11175					
40 KM/H 25 MP/H	1900 4190	2090 4610	2475 5455	2855 6295	3235 7130	3620 7980	4000 8820	4440 9790	4655 10265	4875 10750					

* Refer to the notes at the end of the tables of this range

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TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI*

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim				
XMCL 440/80 R28 156A8/156B IND TL 16.9 R28 (Equiv 18PR)	316223 94482	459 18.1	1410 55.5	641 25.2	4200 165.4	822	36 45	260 68.7	DW14L	DW15L				
Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4360 9610	5330 11750	5810 12810	6295 13880	6780 14945	7265 16015	7750 17085	8230 18145	8715 19215	9200 20285				
10 KM/H CYC 6 MP/H CYC	2840 6260	3470 7650	3790 8355	4105 9050	4420 9745	4735 10440	5050 11135	5370 11840	5685 12535	6000 13230				
25 KM/H 15 MP/H	2570 5665	3040 6700	3270 7210	3505 7725	3740 8245	3970 8750	4205 9270	4440 9790						
30 KM/H 20 MP/H	2480 5465	2930 6460	3155 6955	3380 7450	3605 7950	3830 8445	4055 8940	4280 9435						
40 KM/H 25 MP/H	2300 5070	2725 6010	2940 6480	3150 6945	3365 7420	3575 7880	3790 8355	4000 8820						
50 KM/H 30 MP/H	2300 5070	2725 6010	2940 6480	3150 6945	3365 7420	3575 7880	3790 8355	4000 8820						

30"

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
POWER CL 420/80 -30 155A8 IND TL (BIAS) 16.9 - 30 (Equiv 14PR)	577845 29803	432 17	1432 56.4	656 25.8	4296 169.1	754	36 45	245 64.7	DW15L	DW13 DW14L					
Bar	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00
Psi	15	17	23	29	35	41	46	52	55	58	61	64	67	70	73
10 KM/H CYC 6 MP/H CYC	2760 6085	3040 6700	3595 7925	4150 9150	4705 10375	5260 11595	5815 12820								
10 KM/H 6 MP/H	2300 5070	2530 5580	2995 6605	3455 7615	3920 8640	4380 9655	4845 10680								
25 KM/H 15 MP/H	1950 4300	2145 4730	2540 5600	2930 6460	3325 7330	3715 8190	4110 9060								
30 KM/H 20 MP/H	1915 4220	2105 4640	2490 5490	2875 6340	3260 7185	3645 8035	4030 8885								
40 KM/H 25 MP/H	1840 4055	2025 4465	2395 5280	2765 6095	3135 6910	3505 7725	3875 8545								

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COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim					
CROSSGRIP 480/80 R38 166A8/161D IND TL 18.4 R38	846732	480 18.9	1751 68.9	791 31.1	5272 207.6	786	29 37	416 109.9	DW15L						
Bar	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	26	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	5925 13060	6600 14550	7275 16040	7950 17525	8625 19015	9220 20325	9815 21640	10410 22950	11000 24250	11595 25565	12190 26875				
10 KM/H CYC 6 MP/H CYC	3865 8520	4305 9490	4745 10460	5185 11430	5625 12400	6015 13260	6400 14110	6790 14970	7175 15820	7565 16680	7950 17525				
25 KM/H 15 MP/H	3260 7185	3570 7870	3885 8565	4195 9250	4505 9930	4785 10550	5065 11165	5340 11775	5620 12390						
30 KM/H 20 MP/H	3200 7055	3505 7725	3810 8400	4115 9070	4420 9745	4695 10350	4965 10945	5240 11550	5510 12145						
40 KM/H 25 MP/H	3075 6780	3370 7430	3665 8080	3955 8720	4250 9370	4515 9955	4775 10525	5040 11110	5300 11685						
50 KM/H 30 MP/H	3075 6780	3370 7430	3665 8080	3955 8720	4250 9370	4515 9955	4775 10525	5040 11110	5300 11685						
65 KM/H 40 MP/H	2690 5930	2950 6505	3205 7065	3465 7640	3720 8200	3950 8710	4180 9215	4410 9720	4625 10195						

* Refer to the notes at the end of the tables of this range

Reading the technical data - See Page page 44

TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI****IMPORTANT:**

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (June 2019). Technical data is subject to change without prior notice.

- For use on side slopes: add 0.4 bar.
- For heavy road use, add 0.4 bar.
- Stat: static load.
- 10 km/h Cyc: max. speed 10 km/h with cyclic load.

COMPACT LINE

The information provided herein is for informational purposes only and may not be used or relied upon for legal or statutory action. For technical and safety reasons, a tire should never be used beyond the limits of the technical specifications for which it has been approved and all relevant recommendations as provided herein should be followed. Michelin is not responsible for any use, fitting, storage, maintenance, or handling outside stated recommendations.

MICHELIN® tires are designed for a specific use as defined in this catalog. Any other use constitutes an abnormal use. However, in some circumstances, Michelin may issue a waiver which will specify the conditions and the permitted operational limits for a specific application. If a tire is to be used differently than what it is designed for, please consult your nearest Michelin Representative for further guidance. **Michelin expressly denies any responsibility for any abnormal use of its tires or any use different from the tire's intended design in the absence of express written permission (derogation) from an authorized Michelin Representative.**

Further, correct usage and maintenance are necessary to achieve proper performance and to maximize life. Therefore, it is recommended that users adhere to all safety and usage recommendations. However, you must note that these recommendations may be subject to more restrictive local legal and/or regulatory requirements.

Specifically, tire load and pressure tables included in this book are classified according to the various applications of machines. In the load and pressure tables, the shaded boxes indicate the normalized values. These values reflect optimal use, the best balance of performances. Again, these values are given for informational purposes only and may not be used for legal or statutory actions.

Finally, unless otherwise specified, MICHELIN® off-the-road, industrial, and compact tires comply with internationally accepted standards that are established by TRA (Tire and Rim Association), ETRTO (European Tire and Rim Technical Organisation), JATMA (Japan Automobile Tire Manufacturers Association), and/or ISO (International Standards Organisation). Among other things, the standards encompass load capacity, inflation pressure, overall diameter, overall width, and related valves and rims. Some minor differences may exist between these standards.

SPECIFIC APPLICATIONS

Please note that tires for mechanical handling equipment used in areas where there is a high risk of fire or explosion, such as the chemical and petrochemical industries, must meet certain standards concerning their electrical resistivity. When the electrical resistance measured according to ISO 16292 or WDK 110 standards is lower than 10^6 Ohms, then the tire is called 'dissipative' and its sidewall features the following symbol.



PERFORMANCE

Any and all tire performance claims or comparisons contained herein are for informational purposes only to aid in the selection of a tire and **do not** constitute any form of performance guarantee or warranty. Individual results may vary. Such information may not be used as a basis for any performance guarantee or warranty claim.

Following publication, the information herein is subject to change in Michelin's sole discretion.

MICHELIN TECHNICAL DATA

COMPACT LINE TIRES

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MICHELIN INNOVATES

Because construction professionals face constant challenges, the MICHELIN® Compact Line listens to you, innovates with you and offers you products and services that increase your levels of profitability, productivity, reliability and environmental protection.

A MACHINE, A MICHELIN SOLUTION

Every stage of the construction has specific material: To raise a pallet, it is a telescopic one; if you wish to dig a trench, it is the wheeled excavators that you will need. It is from this perspective that the Compact Line range answers the users with always more innovative products.

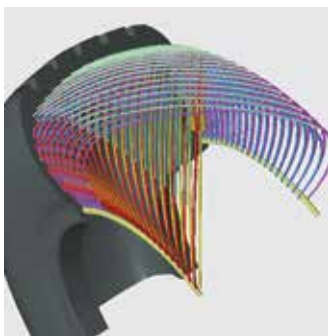
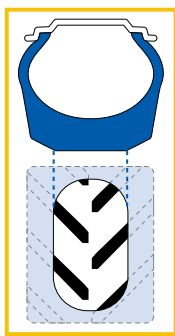
MICHELIN BRAND PROMISE

Michelin is synonymic of innovative brand regarding public works tires such the Radial tire. The combination of its performances brings functional benefits, meets the expectations of users and contributes to better results. Because the construction professionals have to use their equipment in hard conditions, Michelin develops the technology to build their story.

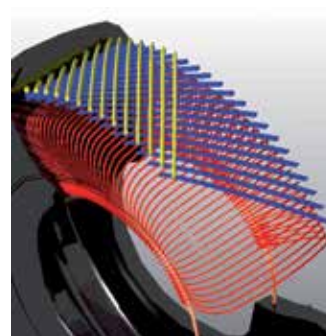
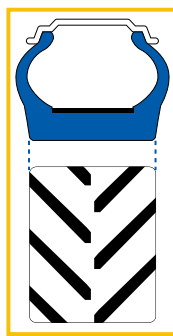
MICHELIN® Compact Line takes into account the reality of the users, listens to them, accompanies them in permanent evolution and brings them real answers to the challenges they meet every day.

BECAUSE CONSTRUCTION IS A HISTORY OF CHALLENGES

MICHELIN® Compact Line innovates and offers a whole range of services and products which increase your performance in terms of profitability, productivity, ease and respect for the environment.



A diagonal tire is composed of a superposition of crossed sheets. The top and flanks are interdependent.



A Radial tire is composed, on one hand, of a flexible carcass arranged radially, and on the other hand, with a metal belt for stabilizing the tread. The work of the flanks is therefore independent of that of the tread.

READING THE TECHNICAL DATA

Local country & International Product Code

Rim diameter in inches

(SW) Section Width in millimeters

(OD) Overall Diameter in millimeters

(LR) Loaded Radius in millimeters

(RC) Rolling Circumference in millimeters

COMMERCIAL DESCRIPTION	CAI MSPN	S mm inch	OD mm inch	LR mm inch	RC mm inch	Tube code	Tread depth mm 32rd	75% internal volume liter gallon	Measuring Recommended Rim	Others Approved Rim
XMCL 480/80 R26 167A8/167B IND TL 18.4 R26 (Equiv 20PR)	425979 22312	495 19.5	1422 56	636 25	4218 166.1	716	36 45	302 79.8	DW15L	DW16L

(TL) Tubeless

(IND) Industrial

Equivalent Standard Size

Pressure scale in bar and psi

Bar	1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
Psi	23	29	32	35	38	41	44	46	49	52	55	58	61	64
STAT	4900	5990	6535	7080	7625	8170	8715	9260	9805	10350	10895	11445	11990	12535
10 KM/H CYC	10805	13205	14405	15610	16810	18010	19215	20415	21615	22820	24020	25230	26435	27635
6 MP/H CYC	3200	3910	4265	4620	4975	5330	5685	6040	6395	6750	7460	8175		
15 MP/H	7055	8620	9405	10185	10970	11750	12535	13315	14100	14880	16445	18025		
25 KM/H	2890	3420	3680	3945	4210	4475	4735	5000	5265	5525	5790	6050		
20 MP/H	6370	7540	8115	8695	9280	9865	10440	11025	11605	12180	12765	13340		
30 KM/H	2790	3300	3550	3805	4060	4315	4565	4820	5075	5330	5580	5835		
25 MP/H	6150	7275	7825	8390	8950	9515	10065	10625	11190	11750	12300	12865		
40 KM/H	2575	3055	3295	3540	3780	4020	4260	4500	4740	4975	5215	5450		
25 MP/H	5675	6735	7265	7805	8335	8865	9390	9920	10450	10970	11495	12015		
50 KM/H	2575	3055	3295	3540	3780	4020	4260	4500	4740	4975	5215	5450		
30 MP/H	5675	6735	7265	7805	8335	8865	9390	9920	10450	10970	11495	12015		

Maximum speed in km/h

Load per tire in kg



Important notes for tire use appear at the end of technical data pages for each range.

TIRE MARKINGS

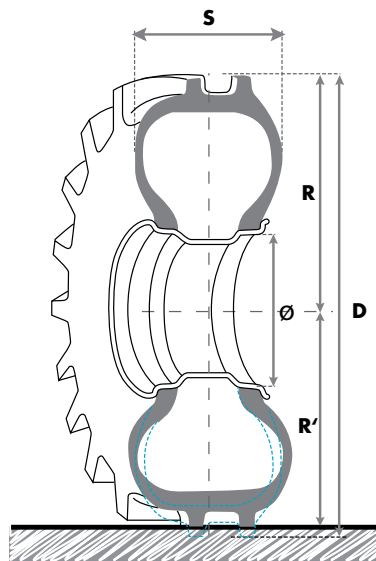
WHAT DO THE MARKINGS ON A TIRE MEAN?



Bibload	Range
460	Nominal section width of the tire in mm
70	Nominal aspect ratio of the tire (%)
R	Construction: "R" for Radial "-" for cross-ply
24	Nominal rim diameter in inches
159	Standardized load index (see page page 46)
A8/B	Standardized speed index (see page 46)
Radial	Type of tire construction (casing)
Tubeless	A tire can be fitted without a tube
MICHELIN® X®	Registered Trademark

TIRE DIMENSIONS

- SW** Tire section width
- R'** Static Loaded Radius
- OD** Overall diameter = 2 R
- ∅** Rim diameter



LOAD INDICES AND SPEED RATINGS

All tires come with operational references comprising the load capacity index (number) and speed rating (letter or letter and number).

The tables below show the tire load indices and speed ratings with corresponding values.

LOAD INDEXES

Index	Load in kg	Index	Load in kg	Index	Load in kg	Index	Load in kg	Index	Load in kg	Index	Load in kg
101	825	117	1285	133	2060	149	3250	165	5150	181	8250
102	850	118	1320	134	2120	150	3350	166	5300	182	8500
103	875	119	1360	135	2180	151	3450	167	5450	183	8750
104	900	120	1400	136	2240	152	3550	168	5600	184	9000
105	925	121	1450	137	2300	153	3650	169	5800	185	9250
106	950	122	1500	138	2360	154	3750	170	6000	186	9500
107	975	123	1550	139	2430	155	3875	171	6150	187	9750
108	1000	124	1600	140	2500	156	4000	172	6300	188	10000
109	1030	125	1650	141	2575	157	4125	173	6500	189	10300
110	1060	126	1700	142	2650	158	4250	174	6700	190	10600
111	1090	127	1750	143	2725	159	4375	175	6900	191	10900
112	1120	128	1800	144	2800	160	4500	176	7100	192	11200
113	1150	129	1850	145	2900	161	4625	177	7300	193	11500
114	1180	130	1900	146	3000	162	4750	178	7500	194	11800
115	1215	131	1950	147	3075	163	4875	179	7750	195	12150
116	1250	132	2000	148	3150	164	5000	180	8000	196	12500

SPEED RATINGS

Code	Speed in km/h	Speed in mph
A2	10	6
A5	25	15
A6	30	20
A8	40	25
B	50	30
D	65	40
E	70	44
F	80	50
G	90	55
J	100	60

UNITS OF MEASUREMENT

1 centimeter	cm	= 0.3937 inch	1 inch	in	= 2.54 cm
1 meter	m	= 3.281 feet	1 foot	ft	= 0.3048 m
1 kilometer	km	= 0.6214 mile	1 mile	ml	= 1.6093 km
1 liter	l	= 0.2199754 imp. gallons	1 imp. gallon	imp. gal.	= 4.545963 litres
1 kilogram	kg	= 2.204622 pounds	1 pound	lb	= 0.4535924 kg
1 horsepower	hp	= 735.499 W	1 kilowatt	kw	= 1.3596216173 hp
1 bar	bar	= 14.5037738 psi	1 bar	bar	= 100 kPa (kilopascal)
1 pound per square inch	psi	= 6.89476 kPa	1 imp. acre		= 0.4046842 ha
1 hectare	ha	= 2.4711 imp. acres	1 square inch (imp.)	sq in	= 6.451578 cm ²
1 square centimeter	cm²	= 0.1550 sq. in. (imp.)	1 tonne	t	= 0.9842064 tn (imp)
1 ton (imp)	tn	= 1.016047 t	1 kilometer/hour	km/h	= 0.62137 mph
1 mile per hour	mph	= 1.609344 km/h			

SELECT A TIRE, USE AND OPERATION TYPE OF TARGETED VEHICLE RANGES BY USE

Tire selection must comply with regulations and the equipment recommended by the manufacturers of the vehicle and equipment, or an official organization (size, load index and speed rating, structure-radial/bias, etc.). Consideration must be given to the conditions under which the tire is to be used so that its performance meets users' requirements.

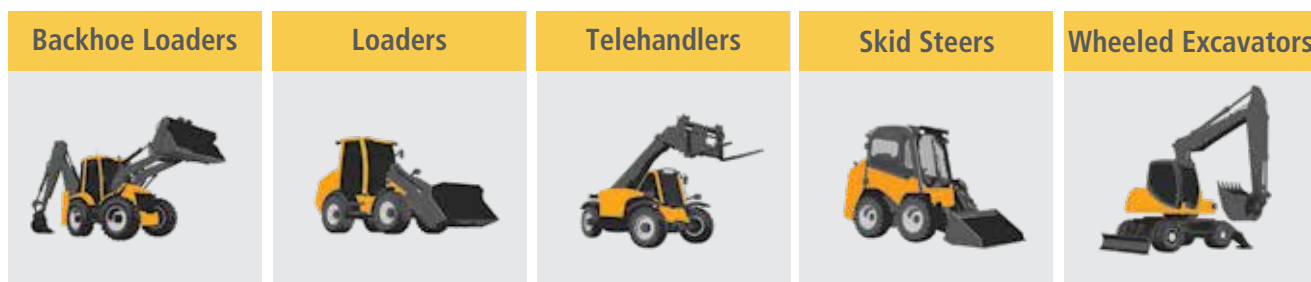
When changing a vehicle's original equipment, make sure the planned solution meets current regulations, check the vehicle's constraints and the manufacturer's recommendations (refer to local legislation). In some countries, a vehicle modified in this way must receive authorization from the relevant authorities.

MICHELIN® tires are designed for a specific use. Any other use constitutes abnormal use. However, in some cases, Michelin can authorise a waiver which will specify the accepted usage limits and conditions under the waiver.






Michelin will not be held liable for abnormal use of its tires or use in the absence of any express, written waiver.

Prior to being fitted, all used or worn tires or tires involved in an accident must be thoroughly inspected by a professional to guarantee user safety and compliance with current regulations. Incorrect use or choice of tire may also contribute to some mechanical parts experiencing premature wear.

TYPE OF TARGETED VEHICLE



RANGES BY USE

MACHINES / TIRES	TECHNOLOGY									
	RADIAL								BIAS	
	XMCL	BIBLOAD HS	CROSSGRIP	BIBSTEEL HS	BIBSTEEL AT	TWEEL HS	TWEEL AT	XF	POWER DIGGER	POWER CL
 Backhoe Loaders	X	X	X							X
 Compact Wheeled Loaders	X	X	X							X
 Telehandlers	X	X	X	X	X			X		X
 Wheeled Excavators								X	X	
 Skid Steers				X	X	X	X			

EQUIVALENT SIZES

EQUIVALENT SIZES				MICHELIN® COMPACT LINE											
Rims	Inches	Metric 1	Metric 2	XMCL	BIBLOAD HS	CROSSGRIP	XM47	POWER CL	BIBSTEEL HS	BIBSTEEL AT	TWEEL HS	TWEEL AT	XF	POWER DIGGER	XM27
15	27x8.5 R 15	210/70 R 15	215/70 R 15							X					
16	7.5 R 16	250/80 R 16				X									
	11 L R 16														X
16.5	10 R 16.5	260/70 R 16.5	265/70 R 16.5						X	X	X				
	12 R 16.5	300/70 R 16.5	305/70 R 16.5						X	X	X	X			
17.5	14 R 17.5	360/70 R 17.5								X					
18	10.5/80 R 18	280/80 R 18		X				X							
	12.5/80 R 18	340/80 R 18	335/80 R 18	X	X			X							
		400/70 R 18	405/70 R 18	X	X										
19.5	18 R 19.5	445/70 R 19.5											X		
20	10.5/80 R 20	280/80 R 20	335/80 R 20	X				X							
	12.5/80 R 20	340/80 R 20		X	X			X							
	14.5 R 20	380/75 R 20	375/75 R 20	X											
	16.0/70 R 20	400/70 R 20	405/70 R 20	X	X		X	X							
	16.5/75 R 20	425/75 R 20		X			X								
	10.00 R 20													X	
22.5	18 R 22.5	445/70 R 22.5											X		
24	16.0/70 R 24	400/70 R 24		X				X							
	16.9 R 24	440/80 R 24		X	X	X		X							
	17.5 LR 24	460/70 R 24	445/70 R 24	X	X	X	X	X							
	19.5 LR 24	500/70 R 24	495/70 R 24	X	X		X	X							
	21 LR 24	540/70 R 24		X	X										
	15.5/80 R 24	400/80 R 24				X		X							
26	18.4 R 26	480/80 R 26		X	X			X							
28	16.9 R 28	440/80 R 28		X	X	X		X							
30	16.9 R 30	420/80 R 30						X							

OPERATING INSTRUCTIONS

DETERMINING TIRE PRESSURE

- Tire pressure is always determined in relation to load per tire, speed and work to be carried out.
- The load used is the highest for tractors:
 - Front axle: tractor with its weights/front equipment in the transport position and no rear axle load
 - Rear axle: tractor with equipment in the transport position

Note : For a tractor equipped with a front loader, assume max. load on the loader

For harvesters: full load (full hopper) with cutting bar (or picker)

Note : For harvesters, determine the axle load:

- Front axle with fully loaded bin and head attached, use cyclic loading speed schedule and pressure
 - Front axle with folding head, empty bin using road speed schedule and pressure
 - Rear axle without the cutter bar or picker
- Determine the pressure for *field use* and *road use* and select the higher of the two
 - For intensive road use or on slopes and inclines, follow the instructions given in *Technical specifications* of MICHELIN® tires.

WHEN IN USE

- Spread loads correctly
- Adapt your driving to the conditions (load, speed, slope, incline, condition of road or other terrain)







INFORMATION

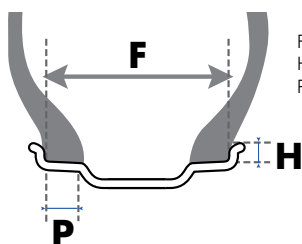
- Check tire pressure regularly
- Periodically check the condition of your tires and have them checked by a trained and qualified professional



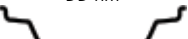
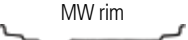
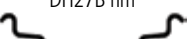
Reminder:

- Damage caused by puncture or impact may only become apparent after some time
 - Tires age even when not in use
- Have any repairs carried out by a trained and qualified professional

RIM AND O-RING REFERENCES

Type of Rim	Sizes	Dimension F in mm	Dimension H in mm	Dimension P in mm
5° standard hollow rim 	2.50 C	63.5	16.5	
	3.00 D	76	18	
	3.50 D	89	18	
	4.00 E	101.5	20	18
	4.50 E	114.5	20	18
	5.00 E	127	20	23.5
	5.375 I	136.5	16	23
	5.50 F	140	22.5	23.5
5° conical seat hollow rim 	6.00 F	152.5	22.5	23.5
	6.50 F	165	22.5	23.5
	9	228.5	25.5	27
	11	279.5	25.5	27
	12	305	25.5	31.5
	13	330	25.5	31.5
15° conical seat hollow rim 	14	355.5	25.4	31.5
	16	406.4	25.4	31.5
	10.50	266.7	12.7	44
	11.75	298.5	12.7	44
	12.25	311	12.7	44
	13.00	330	12.7	44
	14.00	355.5	12.7	44
	15.00	381	12.7	44
	16.00	406.5	12.7	44
	AG 16.00	406.5	12.7	44
	17.00	432	12.7	44
	18.00	457	12.7	44
	20.00	508	12.7	44
	AG 20.00	508	12.7	44
SDC rim 	AG 24.00	609.5	25.5	33
	AG 28.00	711	25.5	33
	11	279.5	25.5	23.8
	12	305	25.5	23.8
	13	330	25.5	23.8
W rim 	36.0 TH	914.4	38.1	27
	36.00 VA	914.4	43.1	27
	W 6	152.4	22.2	23.8
	W 7	177.8	22.2	23.8
	W 8	203.2	22.2	23.8
	W 8L	203.2	22.2	23.8
	W 9	228.6	22.2	23.8
	W 10	254	22.2	23.8
	W 10L	254	22.2	23.8
	W 11	279.4	22.2	23.8
DW rim 	W 12	304.8	25.4	27
	W 13	330.2	25.4	27
	W 14L	355.6	25.4	27
	W 15L	381	25.4	27
	W 16L	406.4	25.4	27
	W 17L	431.8	25.4	27
	W 18L	457.2	25.4	27
	W 18L	457.2	25.4	27



Type of Rim	Sizes	Dimension F in mm	Dimension H in mm	Dimension P in mm
DW rim 	DW 10	254	25.4	27
	DW 11	279.4	25.4	27
	DW 12	304.8	25.4	27
	DW 13	330.2	25.4	27
	DW 14L	355.6	25.4	27
	DW 15L	381	25.4	27
	DW 16L	406.4	25.4	27
	DW 17L	431.8	25.4	27
	DW 18L	457.2	25.4	27
	DW 20B	508	28.6	50.8
	DW 21B	533.4	28.6	50.8
	DW 23B	584.2	28.6	50.8
	DW 24B	609.5	28.6	50.8
	DW 25B	635	28.6	50.8
	DW 27B	686	28.6	50.8
	DW 28B	711	28.6	50.8
	DW 30B	762	28.6	50.8
	TW rim 	TW 13	330	25.5
TW 14L		355.5	25.5	27
TW 15L		381	25.5	27
TW 16L		406.5	25.5	27
TW 18L		457	25.5	27
TW 20B		508	29	50.8
TW 21B		533.5	29	50.8
TW 23B		584	29	50.8
TW 24B		609.5	29	50.8
TW 25B		635	29	50.8
DD rim 	TW 27B	686	29	50.8
	TW 28B	711	29	50.8
MW rim 	DD 16L	406.5	41	50.5
	DD 18L	457	41	50.5
DH27B rim 	MW 20	508	29	50.8
	MW 23	584	29	50.8
	MW 25	635	29	50.8
	DH 27B	686	29	54

If the DW rim is authorized, then so is the corresponding TW rim (ETRTO)

O-RINGS FOR 3-PIECE RIMS

Reference	Designation	Note	IAC
R 1681	O-ring OR 6.6–20	For 20" rim in 3 pieces	553215
R 1438	O-ring OR 2–25	For 25" rim in 3 pieces	553201
R 2052	O-ring OR 2–32	For 32" rim in 3 pieces	553055

O-ring designations:

- OR: Abbreviation of o-ring
- The first number is the section of the ring joint—a whole number expressing 8ths of an inch (e.g.: 2 = 2/8")
- The second number is the diameter of the seat—a whole number expressed in inches

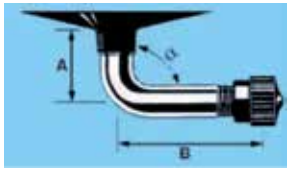
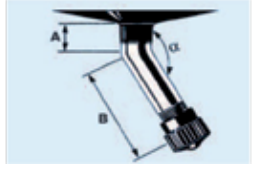
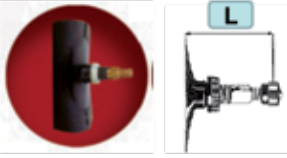
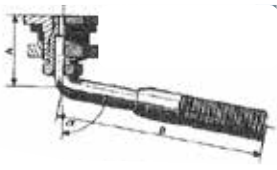
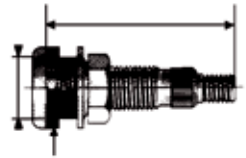

INNER TUBE AND VALVE REFERENCES



RIM & TIRE SIZE		VALVE		KLEBER TUBE		MICHELIN TUBE		PACKAGING	
RIM Ø (INCHES)	TIRE SIZE	VALVE REF.	VALVE OFFSET	KLEBER REF.	KLEBER CAI	MICHELIN REF.	MICHELIN CAI		
16	11LR	TR218A	65	184	171108	M184	764859	1	
16.5	260/70 300/70	TR218A	65	184	171108	M184	764859	1	
18	280/80	TR218A	70	438	171109	M438	582674	1	
	12.5 340/80	TR218A	90	444	170025	M444	756917	1	
	12.5 340/80	TR15	80	828	057866	M828	126008	1	
19.5	445/70 (18 R 19.5)	DR1964	75			19.5/20.5 UD	101280	3	
20	10.00 (Flap)					20x7.50 E	320222	5	
	280/80	TR218A	90	542	171111			1	
	12.5/80 335/80 340/80	TR218A	90	444	170025	M444	756917	1	
	12.5 14.5 335/80 340/80 375/75 380/75 420/75 425/75 400/70 405/70	TR218A	90	664	171112	M664	657648	1	
	For 375/75 and 405/70 R 20 on flat rim	750	40			20RD	101394	5	
	For 425/75 R 20 on flat rim	576	0			20V	511937	1	
	For 20" rims in 3 pieces	O-Ring 1681					OR 6.6 - 20	553215	20
	440/80 445/70 460/70 495/70 500/70 540/70	TR218A	100	710	170042	M710	460503	1	
	26	480/80	TR218A	90	716	170047	M716	346313	1
28	440/80	TR218A	120	822	170149	M822	428511	1	
30	420/80	TR218A	95	754	170058	M754	743325	1	

VALVE TYPE FOR INFLATION & AIRTIGHTNESS IN MICHELIN TUBES

DESCRIPTION	ETRTO / TRA	MICHELIN REF.	MICHELIN CAI
BU PL DR40	-	R1964	563006
BU PL SC25 plate 14 x 25	-	R2102	563008
BU PL SC25 plate 11 x 24	-	R2160	564220
BU PL SC37 R 570	V3-02-2	R570	563011
BU PL SC37 C570	V3-02-2	C570	563093
BU PL SC43 plate 14 x 25	-	R2101	563007
BU PL SC57 plate 14 x 25	-	R2161	158244
V PL TL 20.5 SC44 SCHRA	V3-15-2	R1051	563722
V PL TL 15.7 DR28	V3-21-1 TR575	R2027	563781
V PL TL 9.7 SC45	V3-22-1	R2123	563834
VALVE SCHRADER BRASS	-	R2102	470840
PLUG 6-35 FOR TBS XZM-XZR	-	R2110	579048
BU PL SC44	V3-02-3	576	563091
BU PL SC42	V3-02-4	577	563071
BU PL SC156	V3-02-17	752	563050
BU PL SC138	V3-02-14	1158	563255
BU PL TC131	V3-06-5	582	563339
BU PL SC47	V3-02-5	1003	563157
BU PL SC70	V3-02-7	1188	563296
BU PL SC99	V3-02-9	1156	563276
BU PL SC115	V3-02-10	1021	563197
BU PL SC132	V3-02-12	1157	563265
BU PL SC133	V3-02-13	751	563080
BU PL SC56	V3-02-20	750	563090
BU PL SC66	V3-02-23	1012	563128
BU PL SC84	V3-03-4	1010	563159
BU PL DC60	V3-04-1	578	563337
BU PL DC76	V3-04-2	579	563309
BU PL DC128	V3-04-6	734	563374
BU PL DC80	V3-04-8	1198	563342
BU PL DC140	V3-04-26	1877	563237
BU PL DC96	V3-05-1	1221	563398
BU PL TC94	V3-06-2	580	563377
BU PL TC113	V3-06-3	581	563308
BU PL TC106	V3-06-7	1348	563244
B D/CL GC SC80	V5-04-1 TRJ650	R1837*	566319
B D/CL GC US 1/2-32 DR41	TRJ670	R0979*	566300
VALVE TR15 ENR 15,7 DR37	TR15	611	562402
VALVE TR13 ENR. 11,3 DR37	TR13	746	562404
VALVE AGRI C/C 15,7 DR47	V7-01-1 TR218A	R1224	564200

Sizes	Type of rim	Dimension F in mm
INNER TUBE VALVES		
10 SC29		A = 15 mm B = 29 mm $\alpha = 90^\circ$ $\varnothing = \text{valve hole} = 10 \text{ mm}$
10 SCH40		A = 13 mm B = 27 mm $\alpha = 150^\circ$ $\varnothing = \text{valve hole} = 10,2 \text{ mm}$
TR218A (ETRTO = V7-01-1) Air/water valve		L = 47,5 mm $\varnothing = \text{valve hole} = 15,7 \text{ mm}$
INNER TUBE VALVES		
1837 Equivalence : • TRA = TRJ650 • ETRTO = V5-04-1		A = 27 mm B = 79 mm $\alpha = 80^\circ$ $\varnothing = \text{valve hole} = 20,5 \text{ mm}$
TUBELESS VALVES		
TR618A (ETRO = V5-01-1) Air/water valve		L = 47,5 mm $\varnothing = \text{valve hole} = 15,7 \text{ mm}$
AIR / WATER VALVE TIP		
		

MARKING INFORMATION :

ex : BU PL SC44 (SC = SINGLE BEND VALVE STEM, 44 = VALVE LENGTH)

DC = DOUBLE BEND VALVE STEM

TC = TRIPLE BEND VALVE STEM

DR = STRAIGHT VALVE STEM

For valve size details, please refer to the technical data book

* Valve used on an American valve base SP2 [20.5mm (0.8 inch) diameter hole] and also on AM tubes

** Specific valve for USA market

INSTRUCTIONS FOR REMOVING / FITTING TIRES

There are risks in removing and fitting tires, so procedures must be carried out by trained and qualified staff, using appropriate tools and methods.

Never give this task to an unaccompanied apprentice; if several people are involved in the task with large tires, ensure **at least one of the team** remains the same **for all parts of the procedure**.

The compressed air supply must be equipped with a pressure limit switch.

Failure to follow these instructions can lead to incorrect fitting of the tire on the rim, resulting in tire blow-outs and potentially serious or fatal injuries.

REMOVING A TIRE FROM THE RIM

1. **Never try to unseat the rim and/or beads on an inflated tire**
2. **The internal mechanism of the valve must be removed**
 - Make sure that the tire is fully deflated before removing it
 - Do not use tools that may damage the sidewalls or the tire beads
 - Unseat the beads using the removal slots (if present)
 - To facilitate removal and protect the beads, particularly in case of a puncture, lubricate the rim seats and tire beads
 - If the rim shows obvious signs of damage, then the tire must be deflated before dismantling the assembly

PREPARATION FOR FITTING

1. **Before fitting, ensure that the rim, tire and inner tube are compatible, and check that:**
 - The tire is compatible with the vehicle or machine
 - The diameter of the rim seat corresponds to the seat of the tire to be fitted (e.g.: 18.4 R 30 tire rim: DW16L x 30)
 - The tire may be fitted to this rim (see characteristics in the Manufacturer's Documentation)

**⚠ Never fit 15" tires to rims with 15.3" seats.
Never fit 16" tires to rims with 16.1" or 16.5" seats.**

2. **Before fitting a tire to a rim that has already been used:**
 - Ensure the rim is clean and in perfect condition (showing no damage)
 - If not, then thoroughly clean the rim using a wire brush

⚠ Never fit a tire to a rim with cracks, significant distortion, signs of fracture, evidence of welded repairs, etc.

3. **If the tire has been used, carefully examine its interior and exterior for possible damage.**
 - If it shows signs of damage or deterioration that are deemed irreparable by a specialist, discard the tire

4. **For inner tube fittings, always use a new inner tube suitable for the tire dimensions (inner tube markings showing compatible tire sizes).**

⚠ Do not fit the inner tube to a damaged or repaired rim, or to a rim with a finish incompatible with a tube.

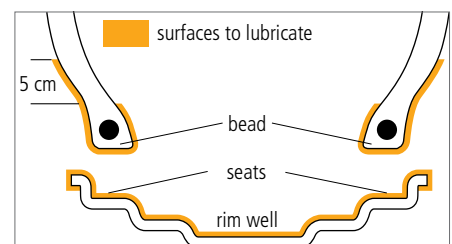
Fit a new tubeless valve whenever you replace a tubeless tire.

5. **Always use tools that have no sharp edges, are in good condition and are suitable for the tires and rims (bead unseating, levers, machines).**

For wide or large tires, we recommend using a bead pusher or bead unseating tool (with appropriate mechanical assistance) to fit the second bead.

Before fitting, lubricate the rim seats and tire beads. Apply a thin layer of lubricant to the surfaces shown on the diagram below; on the outside of the beads, the lubricant should reach 5 cm above the rim flange.

Only use products designed for this purpose that will not degrade the tire. (Do not, for example, use hydrocarbon, silicon or antifreeze-based products.)



INSTRUCTIONS FOR REMOVING / FITTING TIRES

VERTICAL FITTING OF TIRE TO WHEEL

1. **Position the valve or valve hole at the bottom.**
2. **If there is a diagram of the valve on the sidewall of the tire, position the diagram as close as possible to the rim valve hole or valve.**
3. **Slip the tire onto the rim so that the first tire bead is positioned against the rim flange. Remember to rotate in the direction indicated by the arrow on the tire (if present).**
4. **Using a suitable lever to apply pressure approximately every 10 cm:**
 - Push the first bead over the rim flange

Once the first bead is over:

- Position the lightly inflated inner tube inside the tire (for inner tube fittings)
- Fix the valve by partially tightening the nut

For the second bead:

- Lever it over the rim flange
- Finishing at the valve

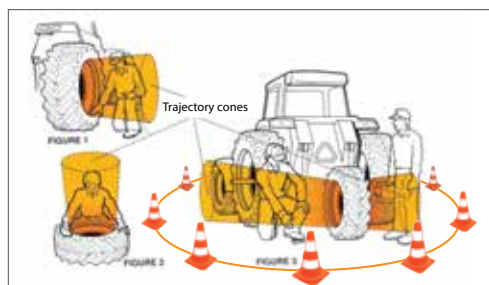
5. **Centering the tire, fitting the beads**

- Lower the jack slightly to optimize tire centering
- Pull out the valve's inner mechanism
- Slowly and partially inflate for optimal bead positioning
- Check the beads are not pinching the inner tube
- Inflate to 2.5 bar, but no more, to ensure that the beads are properly positioned

INFLATION AND BEAD POSITIONING

Apply safety rules:

- System to support the tire assembly (safety cage)
- Safety goggles
- Safety footwear
- Ear defenders



If there is no safety bar or cage, the operator should be as far as possible from the tire and the rim.

⚠ Never stand within the trajectory cones (Figures 1, 2 and 3), to avoid any risk of physical injury in the event of an incident.

For optimum safety conditions, use a fully functional inflation gun connected to the valve by an air-hose extension of at least 3 meters, with a clip fitting to the valve and a calibrated pressure-gauge (never lock the trigger).

When positioning the beads, take particular care to ensure they are correctly located and centered in relation to the rim flanges and inflate to 2.5 bar, but no more.

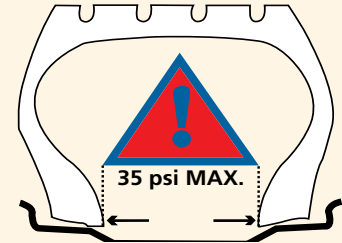
INSTRUCTIONS FOR REMOVING / FITTING TIRES

If the beads are not correctly positioned:

- Deflate, re-lubricate and inflate to 2.5 bars
- Repeat the operation as often as necessary until the beads are correctly positioned

**To fit and position the beads to the rim seats
INFLATE TO 2.5 BARS WITHOUT EXCEEDING THIS PRESSURE**

The pictogram opposite shows the maximum inflation pressure which must not be exceeded when positioning the beads.



Once all the preceding operations have been properly executed:

- Replace the valve's inner mechanism
- Tighten the nut on the valve by hand
- Inflate to the determined service pressure, according to the load levels stated in the manufacturer's documentation or to storage pressure
- Tighten the valve cap after any inflation or pressure check, as this alone ensures that the valve remains clean and sealed

If fitting the tire horizontally on the ground (not recommended because it is impossible to see if the lower bead is in place), take the following additional precautions:

- Initially, do not go above a maximum pressure of 0.7 bar (to establish the seal)
- Lift the tire-rim assembly, place it in a safety cage or position the upper part against a wall, never against a door or light partition wall
- Follow the instructions for inflation and positioning the beads

Note:

All Radial tires to be used at low pressures must be fitted to high quality rims.

BEGINNING OPERATIONS/RECOMMENDATIONS

- When transporting machinery (by road, rail or ship), we recommend inflating tires to 1.8 bar (26 psi) to avoid damage due to certain stowage systems.
- When starting the machinery, pressures must be determined and adjusted according to the load on the tires and actual conditions of use.

USER INSTRUCTIONS Correct pressure

=

- ✓ Comfort ✓ Grip ✓ Soil protection ✓ Type service life ✓ Optimal machine productivity

INSTRUCTIONS FOR REMOVING / FITTING TIRES

BALLASTING

- **Ballasting tires with liquids**

In specific cases, to increase adhesion weight or lower the machine's center of gravity, both tubeless and tube-type tires can be ballasted with liquid.

Agricultural valves are "air and water." This means tires can be filled with liquid (water + antifreeze) to a 75% maximum (diagram 1).

In winter, temperatures may fall below freezing and at 0° C, the use of a Glycol-based antifreeze product is required.

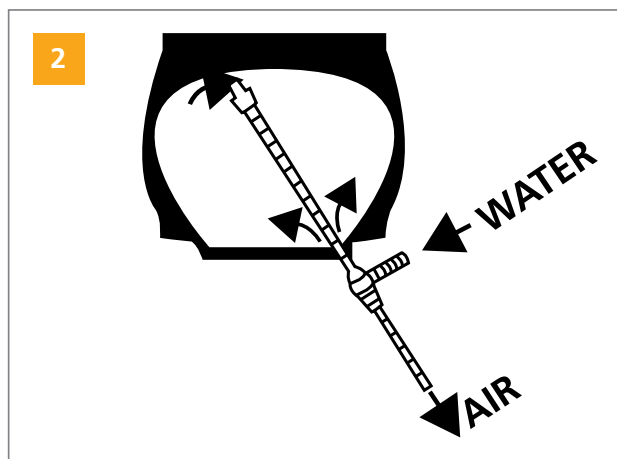
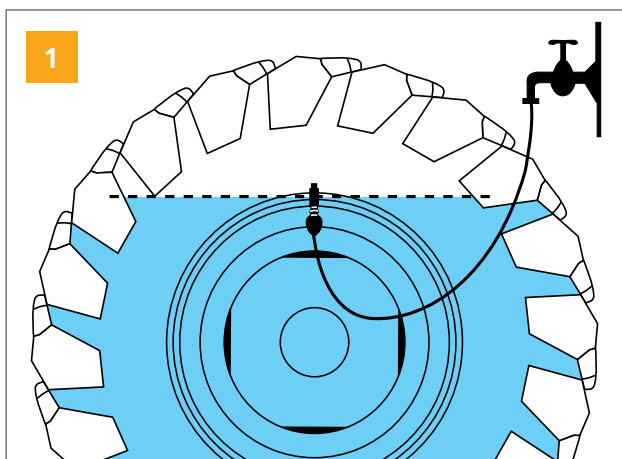
Fill the inner tube or tubeless tire with liquid up to the level of the valve (valve at highest point), while releasing the air (diagram 2).

Inflation and pressure are adjusted using air.

As the volume of air providing pressure is low (around 25% volume), regular pressure checks are essential—we recommend monthly.

- **Tubeless liquid ballasting**

- Assemble and position the tire; see *Inflation and Bead Positioning*
- Deflate the tire to a low pressure (roughly 0.5 bar)
- Position the valve at the highest point
- Start to fill the tire with liquid (water + antifreeze), to a maximum of 75% while releasing the air (diagram 2)
- Finish inflating with air and adjust the pressure



INSTRUCTIONS FOR REMOVING / FITTING TIRES

STORAGE

To be correctly stored, tires must be kept in clean conditions in dry and ventilated premises, away from direct sunlight. They must be kept away from:

- Any source of ozone (electric motor, transformer, arc welding station, etc.)
- Any chemicals, solvents and hydrocarbons that may affect the nature of the rubber
- Any objects that could pierce the rubber (sharp or pointed metal objects, etc.)

Keep away from flames or hot objects.

During storage periods, agricultural tires and inner tubes must be stored to avoid damage due to tension or compression, and so assembled and inflated if stacked; de-ballast vehicle-mounted tires as much as possible and overinflate by 0.5 bar in relation to in-use pressures.



Never store bare tires or whole off-vehicle wheels in direct contact with the ground for long periods.

The use of protective gloves is recommended when handling tires.



Never heat, weld or solder a rim or wheel with a tire fitted.

Always remove the tire from the rim before any intervention.



Always use the Michelin inflation table to decide on the correct pressure for the intended use.



Underinflation causes the carcass to become excessively misshapen and renders the tire unusable.



Overinflation reduces the surface area in contact with the ground, causing a loss of grip and making the tire more sensitive to impacts and cuts.



If loads are lower than those shown in our load pressure tables, never go below the minimum tire pressure shown.

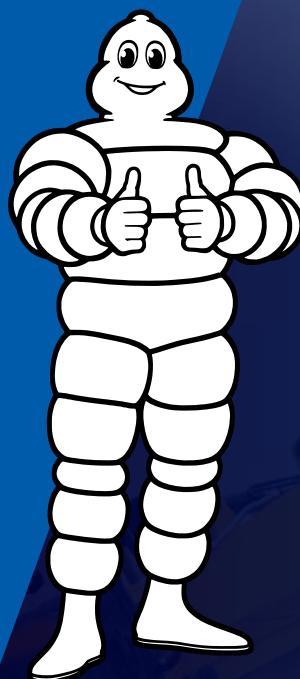
NOTES

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NOTES

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2019

June 2019 edition

**MICHELIN
TECHNICAL DATA**

COMPACT LINE TIRES

HEADQUARTERS

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