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**Dimensions and load ratings of tires
for industrial vehicles and off the road
service**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently JIS D 6401 : 1981 is replaced with this Standard.

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Dimensions and load ratings of tires for industrial vehicles and off the road service

1 Scope This Standard specifies dimensions and load ratings for tyres designed for industrial vehicles and construction vehicles (hereafter referred to as “tyres”).

Remarks 1 The following tyres currently used for new vehicles are not included in the defined group and are therefore shown in the Annex.

- (1) Tyres for industrial vehicles.....Low-profile tyres with special designation
- (2) Tyres for construction vehicles.....Low-profile tyres, wide base small-size tyres, tyres in old DIN group, tyres for special rim and limited applications

2 The normative reference to this Standard is as follows:

JIS D 4201 *Designation system of tyre, tube, rim band and flap for automobiles*

JIS D 4202 *Automobile tyres—Designation and dimensions*

JIS D 4207 *Tyre valves for automobiles*

JIS D 6402 *Contours of rims for industrial vehicles and off the road service*

3 The units and numerical values in { } in this Standard are based on traditional unit system and are appended for informative reference.

4 The load used in this Standard denotes mass.

2 Definition of terms For the purpose of this Standard, the following terms and definitions apply.

- (1) **applicable rim** rims constructed so as to allow tyres to perform effectively
- (2) **total tyre width** direct distance between side walls, including patterns, characters and all other markings, of a tyre that is inflated with the maximum pneumatic pressure shown in the attached tables and is without load when the tyre is mounted to the applicable rim (see figure 1)
- (3) **outside diameter of tyre** outside diameter of a tyre inflated with the maximum pneumatic pressure shown in the attached tables and without load when the tyre is mounted to the applicable rim (see figure 1)

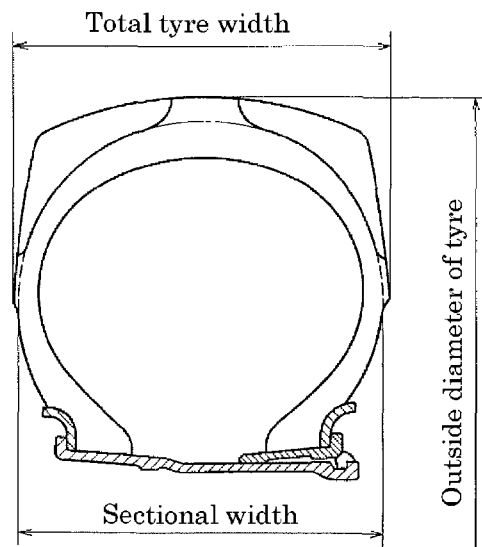


Figure 1

- (4) **sectional width** width obtained by subtracting patterns and markings on the side of tyre from the total tyre width (see figure 1)
- (5) **design outside diameter** outside diameter which is used as the design reference of the tyre
- (6) **ordinary groove, shallow groove, deep groove, ultra-deep groove** classification of tyres for construction vehicles by the depth of the grooves on the tyre tread (Examples ratios of depth of groove)
 - Ordinary groove.....standard depth of groove (100 %)
 - Shallow groove.....approximately 60 % shallower than the standard
 - Deep groove.....approximately 150 % deeper than the standard
 - Ultra-deep groove.....approximately 250 % deeper than the standard
- (7) **maximum speed** maximum speed attained by a traveling vehicle equipped with the tyre concerned
- (8) **maximum load** maximum possible load for a specific tyre

3 **Types** Tyre types shall be determined depending on application as shown in table 1.

Table 1

Type		Table of dimensions and ratings	Main applications (informative)
Industrial vehicles	—	Attached tables 1 to 4	Forklift General industrial vehicle Straddle carrier
	Low-profile	Attached tables 5 to 7	
Construction vehicles	Class 1	Attached tables 8 to 11	Dump truck, Scraper
	Class 2	Attached tables 12 to 15	Grader
	Class 3	Attached tables 16 to 20	Tractor shovel
	Class 4	Attached tables 21 to 22	Tyre roller

4 Dimensions and load ratings

4.1 General Dimensions and load ratings for every tyre type shall be in accordance with the attached table indicated in table 1 and 4.2 to 4.8 below.

The nominal size, total width and outside diameter of the tyre, and the applicable rim and maximum load permitted for pneumatic pressure are shown in the attached tables. Sectional width, designed outside diameter, distance between dual tyres and tyre valves are shown for reference.

4.2 Tyre and rim designations Designation for tyres and rims shall be in accordance with JIS D 4201.

4.3 Applicable rims Of the applicable rims shown in the attached tables, standard rims are shown in bold type and permitted rims are shown in small type. Standard rims shall be used preferably while permitted rims shall be selected as necessary. Rim profiles shall be in accordance with JIS D 6402.

4.4 Dimensions

4.4.1 The total width and outside diameter of the tyre shall be the measurements taken after the tyre is mounted to an applicable rim, inflated to the maximum pneumatic pressure shown in the attached tables, left for 24 hours at room temperature (15 °C to 30 °C), and adjusted again to the original maximum pressure.

4.4.2 The outside diameter shown in the attached tables for industrial vehicle tyres shall be applied to tyres with ordinary groove depth. The outside diameter of deep groove tyres ⁽¹⁾ and snow tyres shall be permitted to exceed by 1 % the upper limit shown in the attached tables.

Outside diameters for construction vehicle tyres are shown in the attached tables depending on the tyre type classified as ordinary groove, shallow groove, deep groove, and ultra-deep groove. Outside diameters without groove designation shall be considered to have an ordinary groove. Tyres with the ultra-deep grooves shall use the outside diameters for deep groove tyres.

NOTE ⁽¹⁾ Nominal rim diameter less than 16 : Tyres with grooves approximately 6 mm deeper than the ordinary groove.

Nominal rim diameter more than 20 : Tyres in compliance with the

groove depth specified for deep groove tyres for trucks and busses specified in JIS D 4202.

4.4.3 Permissible growth dimension (dimensions including growth incurred by traveling), when the tyre is mounted to the vehicle and subjected to travel, shall be the specified upper limit plus the margin shown below.

Total tyre width	Outside diameter of tyre
+ 3 % ⁽²⁾	+ 2 %

NOTE (2) + 2 % for tyres shown in attached table 19.

4.5 **Pneumatic pressure** For industrial vehicles, the upper row of the pneumatic pressure column in the pneumatic pressure vs load tables denotes the maximum pneumatic pressure.

The lower row shows figures for pneumatic pressure of 700 kPa {7.00 kgf/cm²} for when the maximum pneumatic pressure exceeds this value.

For construction vehicles, the pneumatic pressure shown in the pneumatic pressure vs load tables shows the fundamental pneumatic pressure corresponding to each tyre load.

Pneumatic pressure to be used by actual vehicles shall be selected appropriately depending on individual conditions such as characteristics of the vehicle and working conditions based on the pneumatic pressure vs load table. In this case, the pneumatic pressure used shall not be lower than the pneumatic pressure comparable to the load exerted to the tyre, and shall not exceed the specified maximum value.

4.6 Load

4.6.1 Load levels shown in the pneumatic pressure vs load tables for construction vehicle tyres denotes the maximum load for wheels equipped with the specified tyre at the specified maximum speed. The load exerted on each tyre shall, under the specified conditions, not exceed this maximum load. The figure shown at the far right in each load column for nominal tyre designations shall be applied as the maximum load at the specified maximum speed. The load exerted on each tyre shall, under the specified conditions, not exceed this maximum load.

4.6.2 For the relationship between speed and load for construction vehicle tyres, the coefficient shown in table 2 shall be multiplied to the load level shown in the pneumatic pressure vs load table depending on the tyre type and the speed used while the same pneumatic pressure is used. Figures after calculation shall be rounded off every 5 kg for load levels less than 10 000 kg and every 10 kg for more than 10 000 kg.

Table 2

Tyre type	Maximum speed km/h	Coefficient
Class 1	Less than 16	1.12
	Less than 50	1.00
Class 2	Less than 30	1.07
	Less than 40	1.00
	Less than 50	0.92
Class 3	Less than 8	1.00
	Less than 16	0.87
	Less than 25	0.80
	Less than 35	0.74
	Less than 40	0.70
Class 4	Less than 8	1.00
	Less than 16	0.87
	Less than 25	0.77
	Less than 35	0.71

4.7 Working conditions

4.7.1 The phrase “For application to forklifts” (attached tables 2, 3, 6) applies to cases where comparatively short distance tasks are carried out intermittently using a counterbalance type forklift truck. The phrase “For application to general industrial vehicles” (attached table 4, 7) applies to cases of intermittent travel for other than the above.

4.7.2 The pneumatic pressure vs load tables for industrial vehicle tyres is based on the premise that the vehicle travels on a paved surface. When vehicles are used exclusively on roads with considerable irregularities such as soft ground, unlevelled land, etc., pneumatic pressure less than 700 kPa {7.00 kgf/cm²} specified in attached tables shall be used and a reduction of 20 % shall be applied to the load level corresponding to the pneumatic pressure concerned.

4.7.3 Pneumatic pressure vs load for construction vehicle class 1 tyres shall be based on the premise of short distance transportation. Short distance transportation denotes one-way transportation not more than 2.5 km or shuttle transportation up to 5 km.

4.7.4 The speeds specified in 4.6.2 and the pneumatic pressure and loads shown in the attached tables for construction vehicle tyres are determined on the premise of ordinary work corresponding to the original intended use of construction vehicles. When used for land transportation of vehicles, movement between work sites, or load-and- carry tasks, the following considerations shall be given to prevent failure due to heat generation.

- (1) Traveling speed should be reduced.
- (2) Moving distance should be limited.
- (3) Vehicles should be stopped periodically.

4.8 Tyre valves Tyre valves shall be in accordance with JIS D 4207.

Attached Table 1 Industrial vehicle tyres

Nominal tyre designation	Applicable rim	Total tyre width (Max) mm	Outside diameter of tyre mm	Informative			Tyre valve
				Sectional width mm	Design outside diameter mm	Distance between dual tyres (Min) mm	
3.50-5-6PR(I)	3.00SP×5DT(I)	107	285 to 302	99	294	120	TR87
4.00-8-4PR(I)	3.00D×8DT(I)	121	404 to 425	112	414	136	TR13, TR87
4.00-8-6PR(I)	3.00D×8DT(I)	121	404 to 425	112	414	136	TR13, TR87
4.50-12-6PR(I)	3.00D×12DT(I)	132	536 to 560	122	548	148	JS2 TR13 JS244A
	3.00D×12DC(I)	132		122		148	
	3.50D×12DT(I)	137		127		152	
	3.50D×12DC(I)	137		127		152	
4.50-12-8PR(I)	3.00D×12DT(I)	132	536 to 560	122	548	148	JS2 TR13 JS244A
	3.00D×12DC(I) ^(*)	132		122		148	
	3.50D×12DT(I)	137		127		152	
	3.50D×12DC(I) ^(*)	137		127		152	
5.00-8-8PR(I)	3.00D×8TB(I)	143	454 to 480	132	467	162	JS2
	3.50D×8DT(I)	148		137		168	
	3.00D×8DT(I)	143		132		162	
5.00-8-10PR(I)	3.00D×8TB(I)	143	454 to 480	132	467	162	JS2
	3.50D×8DT(I)	148		137		168	
	3.00D×8DT(I)	143		132		162	
5.00-9-8PR(I)	3.50D×9DT(I)	148	479 to 506	137	492	168	JS2
	3.00D×9DT(I)	143		132		162	
5.50-15-8PR(I)	4.50E×15DT(I)	169	658 to 684	157	670	190	JS2, JS1 JS75, TR15
	4.50E×15SDC(I)	169		157		190	
6.00-9-6PR(I)	4.00E×9DT(I)	173	522 to 550	160	535	196	JS2, TR244
6.00-9-10PR(I)	4.00E×9TB(I)	173	522 to 550	160	535	196	JS2 TR244
	4.00E×9DT(I)	173		160		196	
6.00-15-6PR(I)	4.50E×15DT(I)	178	687 to 716	165	700	200	JS2, JS1 JS75, TR15
	4.50E×15SDC(I)	178		165		200	
6.00-15-8PR(I)	4.50E×15DT(I)	178	687 to 716	165	700	200	JS2, JS1 JS75, TR15
	4.50E×15SDC(I)	178		165		200	
6.00-15-10PR(I)	4.50E×15DT(I)	178	687 to 716	165	700	200	JS2, JS1 JS75, TR15
	4.50E×15SDC(I) ^(*)	178		165		200	
6.50-10-8PR(I)	5.00F×10DT(I)	191	575 to 605	177	588	216	JS2, TR244
6.50-10-10PR(I)	5.00F×10TB(I)	191	575 to 605	177	588	216	JS2, TR244
	5.00F×10DT(I)	191		177		216	
7.00-12-12PR(I)	5.00S×12TB(I)	207	659 to 688	192	670	234	JS75
	5.00S×12DT(I)	207		192		234	
7.00-15-10PR(I) (IR)	5.50S×15IR(I)	213	735 to 765	197	746	240	JS75
	6.00S×15IR(I)	218		202		244	

Attached Table 1 (Continued)

Nominal tyre designation	Applicable rim	Total tyre width (Max) mm	Outside diameter of tyre mm	Informative			
				Sectional width mm	Design outside diameter mm	Distance between dual tyres (Min) mm	Tyre valve
7.00-15-10PR(I) (SDC)	5.50F×15SDC(I)	213	735 to 765	197	746	240	JS75
7.00-15-12PR(I) (IR)	5.50S×15IR(I)	213	735 to 765	197	746	240	JS75
	6.00S×15IR(I)	218		202		244	
7.00-16-12PR(I)	5.50F×16SDC(I) (°)	213	760 to 790	197	771	240	JS75
	6.00GS×16DT(I)	218		202		244	
7.50-10-12PR(I)	5.50F×10DT(I)	224	633 to 665	207	645	252	JS2
	5.00F×10DT(I)	219		202		246	
7.50-15-10PR(I) (IR)	6.00S×15IR(I)	229	761 to 793	212	773	258	JS75
	6.50T×15IR(I)	234		217		262	
7.50-15-10PR(I) (SDC)	6.00GS×15DT(I)	229	761 to 793	212	773	258	JS75
	6.00GS×15SDC(I)	229		212		258	
7.50-16-8PR(I)	6.00GS×16SDC(I)	229	786 to 818	212	798	258	JS75
7.50-16-10PR(I)	6.00GS×16SDC(I)	229	786 to 818	212	798	258	JS75
7.50-16-12PR(I)	6.00GS×16SDC(I) (°)	229	786 to 818	212	798	258	JS75
	6.00GS×16DT(I)	229		212		258	
8.25-12-12PR(I)	5.00S×12DT(I)	238	722 to 757	220	735	268	JS75
8.25-15-12PR(I)	6.50T×15IR(I)	253	822 to 859	234	836	286	TR77A JS75
8.25-15-14PR(I)	6.50T×15IR(I)	253	822 to 859	234	836	286	TR77A JS75
9.00-16-10PR(I)	7.00N×16DT(I)	278	876 to 915	257	891	314	TR77A
	7.00N×16SDC(I)	278		257		314	TR177A
9.00-16-14PR(I)	7.00N×16DT(I)	278	876 to 915	257	891	314	TR77A
	7.00N×16SDC(I)	278		257		314	TR177A
7.00-20-10PR(I)	6.00S×20IR(I)	220	892 to 920	204	904	244	TR76A TR177A
7.50-20-12PR(I)	6.00S×20IR(I)	232	922 to 952	215	935	258	TR177A
8.25-20-12PR(I)	6.50T×20IR(I)	255	965 to 993	236	974	284	TR77A
	7.00T×20IR(I)	260		241		288	
	6.00S×20IR(I)	250		231		278	
8.25-20-14PR(I)	6.50T×20IR(I)	255	965 to 993	236	974	284	TR77A
	7.00T×20IR(I)	260		241		288	
	6.00S×20IR(I)	250		231		278	
9.00-20-12PR(I)	7.00T×20IR(I)	280	1 008 to 1 039	259	1 019	310	TR175A
	7.50V×20IR(I)	285		264		314	
9.00-20-14PR(I)	7.00T×20IR(I)	280	1 008 to 1 039	259	1 019	310	TR175A
	7.50V×20IR(I)	285		264		314	

Attached Table 1 (Concluded)

Nominal tyre designation	Applicable rim	Total tyre width (Max) mm	Outside diameter of tyre mm	Informative			Tyre valve
				Sectional width mm	Design outside diameter mm	Distance between dual tyres (Min) mm	
10.00-20-14PR (I)	7.50V × 20IR (I)	300	1 043 to 1 075	278	1 054	334	TR78A
	8.00V × 20IR (I)	305		283		338	
	7.00T × 20IR (I)	295		273		328	
11.00-20-14PR (I)	8.00V × 20IR (I)	316	1 073 to 1 108	293	1 085	352	TR78A
	8.50V × 20IR (I)	321		298		356	
	7.50V × 20IR (I)	311		288		346	
11.00-20-16PR (I)	8.00V × 20IR (I)	316	1 073 to 1 108	293	1 085	352	TR78A
	8.50V × 20IR (I)	321		298		356	
	7.50V × 20IR (I)	311		288		346	
12.00-20-16PR (I)	8.50V × 20IR (I)	340	1 112 to 1 149	315	1 125	378	TR78A
	9.00V × 20IR (I)	345		320		382	
12.00-20-18PR (I)	8.50V × 20IR (I)	340	1 112 to 1 149	315	1 125	378	TR78A
	9.00V × 20IR (I)	345		320		382	
12.00-24-14PR (I)	8.50V × 24IR (I)	340	1 214 to 1 257	315	1 226	378	TR78A
	9.00V × 24IR (I)	345		320		382	
12.00-24-16PR (I)	8.50V × 24IR (I)	340	1 214 to 1 257	315	1 226	378	TR78A
	9.00V × 24IR (I)	345		320		382	
13.00-20-20PR (I)	9.00V × 20IR (I)	367	1 163 to 1 203	340	1 177	408	TR179A
	8.50V × 20IR (I)	362		335		402	
13.00-24-18PR (I)	9.00V × 24IR (I)	367	1 265 to 1 305	340	1 279	408	TR179A
	8.50V × 24IR (I)	362		335		402	
14.00-24-20PR (I)	10.00WI × 24IR (I)	405	1 328 to 1 379	375	1 343	450	TR179A
14.00-24-24PR (I)	10.00WI × 24IR (I)	405	1 328 to 1 379	375	1 343	450	TR179A
14.00-25-24PR (I)	10.00 × 25-1½TB (I)	405	1 328 to 1 379	375	1 343	450	TR179A
16.00-25-16PR (I)	11.25 × 25-2TB (I)	467	1 452 to 1 512	432	1 478	514	JSJ1175
16.00-25-24PR (I)	11.25 × 25-2TB (I)	467	1 452 to 1 512	432	1 478	514	JSJ1175
16.00-25-28PR (I)	11.25 × 25-2TB (I)	467	1 452 to 1 512	432	1 478	514	JSJ1175
18.00-25-28PR (I)	13.00 × 25-2½TB (I)	538	1 572 to 1 641	498	1 601	586	JSJ1175
18.00-25-32PR (I)	13.00 × 25-2½TB (I)	538	1 572 to 1 641	498	1 601	586	JSJ1175

NOTE (3) This rim is applicable when pneumatic pressure is less than 700 kPa {7.00 kgf/cm²}.

**Attached Table 2 Pneumatic pressure vs Load table for industrial vehicle tyres
(For application to forklifts) Nominal designation of rim diameters less than 16**

Nominal tyre designation	Pneumatic pressure kPa {kgf/cm ² }	Maximum load kg							
		Maximum speed 15 km/h		Maximum speed 20 km/h		Maximum speed 25 km/h		Maximum speed 35 km/h	
		Loaded wheel	Steering wheel	Loaded wheel	Steering wheel	Loaded wheel	Steering wheel	Loaded wheel	Steering wheel
3.50-5-6PR(I)	825 {8.25}	505	375	480	355	460	340	425	315
	700 {7.00}	460	340	440	325	420	310	385	285
4.00-8-6PR(I)	725 {7.25}	865	640	825	610	785	580	730	540
	700 {7.00}	835	620	805	595	765	565	710	525
4.50-12-8PR(I)	900 {9.00}	1 565	1 160	1 500	1 110	1 425	1 055	1 325	980
	700 {7.00}	1 350	1 000	1 290	955	1 230	910	1 140	845
5.00-8-8PR(I)	800 {8.00}	1 335	990	1 275	945	1 215	900	1 135	840
	700 {7.00}	1 240	920	1 180	875	1 125	835	1 045	775
5.00-8-10PR(I)	900 {9.00}	1 430	1 060	1 370	1 015	1 305	965	1 215	900
	700 {7.00}	1 240	920	1 180	875	1 125	835	1 045	775
5.50-15-8PR(I)	725 {7.25}	2 145	1 590	2 045	1 515	1 950	1 445	1 810	1 340
	700 {7.00}	2 100	1 555	2 005	1 485	1 910	1 415	1 770	1 310
6.00-9-10PR(I)	850 {8.50}	1 905	1 410	1 815	1 345	1 730	1 280	1 600	1 185
	700 {7.00}	1 695	1 255	1 615	1 195	1 540	1 140	1 430	1 060
6.00-15-10PR(I)	825 {8.25}	2 590	1 920	2 470	1 830	2 355	1 745	2 185	1 620
	700 {7.00}	2 355	1 745	2 250	1 665	2 140	1 585	1 985	1 470
6.50-10-10PR(I)	775 {7.75}	2 105	1 560	2 010	1 490	1 915	1 420	1 775	1 315
	700 {7.00}	1 990	1 475	1 895	1 405	1 810	1 340	1 675	1 240
7.00-12-12PR(I)	850 {8.50}	3 050	2 260	2 915	2 160	2 775	2 055	2 565	1 900
	700 {7.00}	2 725	2 020	2 600	1 925	2 475	1 835	2 295	1 700
7.00-15-10PR(I) (IR)	700 {7.00}	3 130	2 320	2 990	2 215	2 850	2 110	2 640	1 955
7.00-15-12PR(I) (IR)	825 {8.25}	3 455	2 560	3 295	2 440	3 140	2 325	2 910	2 155
	700 {7.00}	3 130	2 320	2 990	2 215	2 850	2 110	2 640	1 955
7.50-15-10PR(I) (IR)	650 {6.50}	3 370	2 495	3 220	2 385	3 065	2 270	2 840	2 105
7.50-15-10PR(I) (SDC)	650 {6.50}	3 370	2 495	3 220	2 385	3 065	2 270	2 840	2 105
7.50-16-10PR(I)	650 {6.50}	3 515	2 605	3 360	2 490	3 200	2 370	2 965	2 195
7.50-16-12PR(I)	775 {7.75}	3 900	2 890	3 720	2 755	3 545	2 625	3 285	2 435
	700 {7.00}	3 680	2 725	3 510	2 600	3 340	2 475	3 100	2 295
8.25-12-12PR(I)	750 {7.50}	3 915	2 900	3 735	2 765	3 555	2 635	3 295	2 440
	700 {7.00}	3 760	2 785	3 585	2 655	3 415	2 530	3 165	2 345
8.25-15-12PR(I)	700 {7.00}	4 245	3 145	4 055	3 005	3 860	2 860	3 580	2 650
8.25-15-14PR(I)	800 {8.00}	4 590	3 400	4 380	3 245	4 170	3 090	3 870	2 865
	700 {7.00}	4 245	3 145	4 055	3 005	3 860	2 860	3 580	2 650
9.00-16-10PR(I)	550 {5.50}	4 595	3 405	4 390	3 250	4 180	3 095	3 870	2 865
9.00-16-14PR(I)	750 {7.50}	5 510	4 080	5 260	3 895	5 010	3 710	4 635	3 435
	700 {7.00}	5 285	3 915	5 050	3 740	4 805	3 560	4 455	3 300

**Attached Table 3 Pneumatic pressure vs Load table for industrial vehicle tyres
(For application to forklifts)
Nominal designation of rim diameters not less than 20**

Nominal tyre designation	Pneumatic pressure kPa {kgf/cm ² }	Maximum load kg			
		Maximum speed 25 km/h		Maximum speed 40 km/h	
		Loaded wheel	Steering wheel	Loaded wheel	Steering wheel
7.00-20-10PR (I)	675 {6.75}	3 065	2 450	3 065	2 200
7.50-20-12PR (I)	775 {7.75}	3 770	3 015	3 770	2 705
	700 {7.00}	3 550	2 840	3 550	2 550
8.25-20-12PR (I)	700 {7.00}	4 165	3 330	4 165	3 015
9.00-20-12PR (I)	650 {6.50}	4 775	3 820	4 775	3 425
9.00-20-14PR (I)	750 {7.50}	5 195	4 155	5 195	3 725
	700 {7.00}	4 990	3 990	4 990	3 580
10.00-20-14PR (I)	700 {7.00}	5 640	4 510	5 640	4 050
11.00-20-14PR (I)	675 {6.75}	6 000	4 800	6 000	4 310
11.00-20-16PR (I)	775 {7.75}	6 505	5 205	6 505	4 670
	700 {7.00}	6 130	4 905	6 130	4 400
12.00-20-16PR (I)	700 {7.00}	7 020	5 615	7 020	5 040
12.00-24-16PR (I)	700 {7.00}	7 895	6 315	7 895	5 670
13.00-24-18PR (I)	750 {7.50}	9 020	7 215	9 020	6 435
	700 {7.00}	8 665	6 930	8 665	6 180
14.00-24-20PR (I)	775 {7.75}	10 860	8 690	10 860	7 750
	700 {7.00}	10 240	8 190	10 240	7 305
14.00-24-24PR (I)	900 {9.00}	11 860	9 485	11 860	8 460
	700 {7.00}	10 240	8 190	10 240	7 305
16.00-25-24PR (I)	750 {7.50}	13 150	10 520	13 150	9 320
	700 {7.00}	12 630	10 100	12 630	8 950
16.00-25-28PR (I)	900 {9.00}	14 630	11 700	14 630	10 370
	700 {7.00}	12 630	10 100	12 630	8 950
18.00-25-32PR (I)	900 {9.00}	18 910	15 130	18 910	13 400
	700 {7.00}	16 330	13 060	16 330	11 570

**Attached Table 4 Pneumatic pressure vs Load table for industrial vehicle tyres
(For application to general industrial vehicles)**

Nominal tyre designation	Pneumatic pressure kPa{kfg/cm ² }	Maximum load kg			
		Maximum speed 10 km/h	Maximum speed 25 km/h	Maximum speed 40 km/h	Maximum speed 50 km/h
4.00-8-4PR(I)	500{5.00}	530	435	380	345
4.00-8-6PR(I)	725{7.25}	660	540	470	430
	700{7.00}	645	525	460	420
4.50-12-6PR(I)	675{6.75}	1 015	830	725	665
4.50-12-8PR(I)	900{9.00}	1 200	980	860	785
	700{7.00}	1 035	845	740	675
5.00-8-8PR(I)	800{8.00}	1 025	840	735	670
	700{7.00}	950	775	680	620
5.00-9-8PR(I)	800{8.00}	1 105	900	790	720
	700{7.00}	1 020	835	730	665
5.50-15-8PR(I)	725{7.25}	1 655	1 340	1 165	1 055
	700{7.00}	1 620	1 310	1 140	1 035
6.00-9-6PR(I)	525{5.25}	1 105	895	775	705
6.00-9-10PR(I)	850{8.50}	1 465	1 185	1 030	935
	700{7.00}	1 310	1 060	920	835
6.00-15-6PR(I)	500{5.00}	1 495	1 210	1 050	955
6.00-15-8PR(I)	675{6.75}	1 780	1 440	1 250	1 135
6.00-15-10PR(I)	825{8.25}	2 005	1 620	1 405	1 280
	700{7.00}	1 820	1 470	1 275	1 160
6.50-10-8PR(I)	625{6.25}	1 435	1 160	1 010	915
6.50-10-10PR(I)	775{7.75}	1 630	1 315	1 145	1 040
	700{7.00}	1 535	1 240	1 075	980
7.00-12-12PR(I)	850{8.50}	2 355	1 905	1 655	1 505
	700{7.00}	2 100	1 700	1 475	1 340
7.00-15-10PR(I) (IR)	700{7.00}	2 420	1 955	1 700	1 545
7.00-15-10PR(I) (SDC)	700{7.00}	2 420	1 955	1 700	1 545
7.00-15-12PR(I) (IR)	825{8.25}	2 665	2 155	1 870	1 700
	700{7.00}	2 420	1 955	1 700	1 545
7.00-16-12PR(I)	825{8.25}	2 780	2 250	1 955	1 775
	700{7.00}	2 525	2 045	1 775	1 615
7.50-10-12PR(I)	800{8.00}	2 305	1 865	1 620	1 470
	700{7.00}	2 135	1 725	1 500	1 360
7.50-15-10PR(I) (IR)	650{6.50}	2 605	2 105	1 825	1 660
7.50-15-10PR(I) (SDC)	650{6.50}	2 605	2 105	1 825	1 660
7.50-16-8PR(I)	525{5.25}	2 395	1 940	1 685	1 530
7.50-16-10PR(I)	650{6.50}	2 715	2 195	1 905	1 735