

PRODUCT MANUAL EU

2009
December
Dicembre
Dezember
Décembre
Diciembre



THE SUPERIOR RETREAD.

TECHNICAL CHARACTERISTICS

CARATTERISTICHE TECNICHE / TECHNISCHE EIGENSCHAFTEN / CARACTÉRISTIQUES TECHNIQUES / CARACTERÍSTICAS TÉCNICAS

with wings

con alette / mit Seitenlappen / avec ailettes / con aletas

circumference

circonferenza / Umfang / circonférence / circunferencia

width

larghezza / Breite / largeur / ancho

depth

profondità / Profiltiefe / profondeur / profundidad

circumference code

codice circonferenza / Umfangs-Code / code circonférence / código de circunferencia

stretching coefficient

coefficiente di stiro / Streckungskoeffizient / coefficient d'étirement / coeficiente de estiramiento

compression coefficient

coefficiente di compressione / Kompressionskoeffizient / coefficient de compression / coeficiente de compresión

TOLERANCE

TOLLERANZE / TOLERANZ / TOLERANCE / TOLERANCIA

± 2 mm

± 0.2 mm

± 1%

+3%

-1%

CODE	mm	
	MIN	MAX
XS/XXS		3040
S	3040	3130
M	3140	3250
L	3260	3370
XL	3370	

PERFORMANCE CHARACTERISTICS

CARATTERISTICHE PRESTAZIONALI / LEISTUNGSEIGENSCHAFTEN / CARACTÉRISTIQUES DE PERFORMANCES / PRESTACIONES

long haul

lunghe distanze / Fernverkehr / longues distances / larga distancia

regional

regionale / Nahverkehr / regional / regional

winter

invernale / Winter / hiver / invernale

city & intercity

uso urbano e interurbano / Stadt- und Überlandverkehr / urbain et interurbain / uso urbano e interurbano

on/off

uso misto / gemischter Einsatz / mixte / uso mixto

offroad

cava cantiere / Abseits der Strasse / chantier fuera de carretera

MAX SPEED IND.	G	J	K	L	M
Km/h speed	90	100	110	120	130
Mp/h speed	56	62	68	75	81

TABLE OF VALUES / SCALA DEI VALORI / WERTETABELLE / ECHELLE DES VALEURS / ESCALA DE VALORES



not recommended / non consigliato / ungeeignet / pas recommandable / no recomendado



acceptable / accettabile / möglich / possible / posible



good / buono / gut / bon / bueno



perfect / ottimo / ideal / excellent / óptimo

APPLICATION CHARACTERISTICS

CARATTERISTICHE DI APPLICAZIONE / EINSATZEIGENSCHAFTEN / CARACTÉRISTIQUE D'APPLICATION / CARACTERÍSTICAS DE EMPLEO



available on request / disponibile a richiesta / auf Anfrage verfügbar / disponible sur demande / disponible sobre petición



until stock depletion / fino ad esaurimento scorte / solange Vorrat reicht / jusqu'à épuisement des stocks / hasta agotar existencias



"High Performance" compound / mescola "High Performance" / Mischung "High Performance" / mélange "High Performance" / mezcla "High Performance"



fuel saving compound / mescola per risparmio carburante / "Fuel saving" Gummi-Mischung / mélange pour économie en carburant / mezcla "Fuel saving"





directional pattern / battistrada direzionale / lauffrichtungsgebundenes Profil / profil directionnel / escultura direccional



pallet units / unità pallet / Paletteneinheiten / Unité de palettes / Paletización

TYRE SIZES-TREAD WIDTHS / MISURE PNEUMATICI-LARGHEZZA BATTISTRADA
REIFENGRÖSSEN PROFILBREITE / DIMENSIONS PNEUMATIQUES-LARGEURS BANDES
DE ROULEMENT / SECCION NEUMATICOS-ANCHO BANDA DE RODAMIENTO

SIZES MISURE DIMENSIONEN DIMENSIONS MEDIDAS		Buff.- Rasp - Rauh. Rasp.- Rasp.		
			Min. mm	Max mm

175/75R14	XS	1875	120	140
185/75R14	XS	1920	130	150
195/75R14	XS	1965	140	160
205/75R14	XS	2010	150	170
215/75R14	XS	2055	160	180
175R14	XS	1920	120	140
185R14	XS	1970	130	160
195R14	XS	2020	140	160
205R14	XS	2080	150	170

7.50R15	XS	2315	150	160
8.25R15	XS	2515	160	170

195/75R16	XS	2115	140	160
205/75R16	XS	2165	150	170
215/75R16	XS	2205	160	180
225/75R16	XS	2255	170	190
195R16	XS	2170	140	160
205R16	XS	2230	150	170
215R16	XS	2275	160	180
225R16	XS	2320	170	190
7.50R16	XS	2425	150	160
8.25R16	XS	2590	160	170



6.50R20	XS	2675	130	135
7.00R20	XS	2725	140	145
7.50R20	XS	2835	145	150
8.25R20	XS	2895	160	165
9.00R20	S	3075	180	195
10.00R20	M	3185	190	210
11.00R20	M	3285	200	220
12.00R20	L	3390	220	240

365/80R20	M	3300	265	275
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11.00R22	L	3420	210	225
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12.00R24	XL	3660	215	230
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8R17.5	XS	2390	155	160
8.5R17.5	XS	2440	155	165
9.5R17.5	XS	2540	180	190
10R17.5	XS	2600	180	200
205/75R17.5	XS	2315	165	180
215/75R17.5	XS	2350	170	180
225/75R17.5	XS	2395	180	190
235/75R17.5	XS	2445	190	200
245/70R17.5	XS	2440	200	210

SIZES MISURE DIMENSIONEN DIMENSIONS MEDIDAS		Buff.- Rasp - Rauh. Rasp.- Rasp.		
			Min. mm	Max mm

225/75R19.5	XS	2515	180	190
225/70R19.5	XS	2475	180	190
235/70R19.5	XS	2495	190	200
245/70R19.5	XS	2565	200	210
265/70R19.5	XS	2620	210	220
285/70R19.5	XS	2700	220	230
305/70R19.5	XS	2775	230	240

445/45R19.5	XS	2740	390	390
435/50R19.5	XS	2870	320	360
425/55R19.5	XS	2990	320	360
445/55R19.5	XS	2980	360	390
445/65R19.5	M	3265	320	360

11.00R22	L	3450	210	230
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9R22.5	XS	2930	180	195
10R22.5	S	3070	195	210
11R22.5	M	3190	195	220
12R22.5	M	3280	220	240
13R22.5	XL	3420	220	250

285/60R22.5	XS	2780	230	260
295/60R22.5	XS	2785	240	260
315/60R22.5	XS	2890	260	285
255/70R22.5	XS	2850	200	210
275/70R22.5	XS	2940	230	245
305/70R22.5	XS	3020	230	250
315/70R22.5	XS	3070	245	270
295/75R22.5	S	3095	210	230
275/80R22.5	S	3100	210	230
295/80R22.5	M	3190	230	250
315/80R22.5	M	3280	230	270

455/50R22.5	S	3070	380	390
385/55R22.5	XS	3030	320	340
445/55R22.5	M	3225	390	400
385/65R22.5	M	3275	290	305
425/65R22.5	XL	3440	320	320
445/65R22.5	XL	3500	350	360

11R24.5	L	3360	210	230
12R24.5	L	3450	220	240
285/75R24.5	M	3195	210	230
305/75R24.5	M	3270	230	240
315/75R24.5	L	3315	230	245
275/80R24.5	M	3280	200	220
295/80R24.5	L	3315	230	240

RINGTREAD MAIN APPLICATION







	ALL POSITION TUTTE LE POSIZIONI RUNDUMBEREIFUNG TOUTES POSITIONS TODAS LAS POSI- CIONES	DRIVE ASSE TRATTIVO ANTRIEBSACHSEN ESSIEUX MOTEURS AJES MOTRICES	TRAILERS AND SUPER SINGLE ASSI TRAINANTI E GOMMONI HÄNGERACHSEN UND SUPER SINGLE REMORQUE ET PNEUS POUR SEMI-REMORQUES EJES LIBRES Y SUPER SINGLE	
 <p>> 600 km LONG HAUL LUNGHE DISTANZE FERNVERKEHR LONGUES DISTANCES LARGA DISTANCIA</p>	E-PZA	RD4 ENERGECO ENERGECO+ MDA MDA-N	RD-HSe RZYD	RZ12 RZA65 RTA-E RTA RTA-W
 <p>100-600 km REGIONAL REGIONALE NAHVERKEHR REGIONAL REGIONAL</p>	RZE1 S-PZA RZE-HM	SK711 RD2 PLUS RD2 RZT	RD-HM TH 25 RDG100	R164 RTE RTE-M RRY357 RTE PLUS
 <p>WINTER INVERNALI WINTER HIVER INVERNAL</p>		RM+S4 RM+S2 RM+SK GRIP	RM+SN RMS8e RSY397 RDG100	
 <p>CITY & INTERCITY URBANO E INTERURBANO STADT- UND ÜBERLAND- VERKEHR URBAIN ET INTERURBAIN URBANO E INTERURBANO</p>	BUS RZU	BUS-T RDU RD4 WASTE HAUL		
 <p>ON/OFF USO MISTO GEMISCHTER EINSATZ MIXTE USO MIXTO</p>	RZY/MZY RZY-HM	RZYD MDY/RDY-L RDY-HM MIX MASTER WASTE HAUL		RZYD RSSY3
 <p>OFFROAD CAVA CANTIERE ABSEITS DER STRASSE CHANTIER FUERA DE CARRETERA</p>		MZH MZH PLUS		

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For requests of North and South American patterns please contact your Area Manager.

Per richieste di disegni del mercato Nord e Sud Americano, prego contattare l'Area Manager.

Für Nachfragen nach Profilen des Nord- und Sud Amerikanischen Markttens, wenden Sie sich bitte and Ihren Verkaufsrepräsentanten.

Pour demandes de profils du marché Nord et Sud Américains, contacter s.v.p. votre responsable local.

Por solicitudes de dibujos del mercado Norte y Sur americano, rogamos contacten el responsable de Marangoni Tread en su zona de influencia.

BUS



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
BUS	210	M	11R22.5 10.00R22.5	36	3140	19,0	05508
BUS	230	XS	275/70R22.5	36	2860	19,0	05521
BUS	230	M	295/80R22.5 12R22.5	36	3140	19,0	05517
BUS	245	XS	305/70R22.5	27	2970	19,0	05524
BUS	245	M	295/80R22.5 315/80R22.5	27	3185	19,0	05514
BUS	260	M	315/80R22.5 295/80R22.5	27	3185	19,0	05529

 Max speed index						
K	☆☆☆☆	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆

RZU








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
RZU	235	XS	275/70R22.5	36	2860	18,0	29005
RZU	245	XS	275/70R22.5 305/70R22.5	27	2860	18,0	29008

 Max speed index						
J	☆☆☆☆	★★★★	☆☆☆☆	★★★★	☆☆☆☆	☆☆☆☆

RZE 1








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
RZE 1	230	M	295/80R22.5 12R22.5	36	3140	17,0	27505
RZE 1	245	M	315/80R22.5 295/80R22.5	27	3220	17,0	27508

 Max speed index						
K	★★★★☆	★★★★★	★☆☆☆☆	★★★★★	★☆☆☆☆	★☆☆☆☆

BUS-T



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
BUS-T	235	XS	275/70R22.5	36	2860	20,0	06006

 Max speed index						
J	★★★☆☆	★★★★★	★★★★★	★★★★★	★☆☆☆☆	★☆☆☆☆

M+S

S-PZA



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
S-PZA	195	S	11R22.5 10.00R20	36	3120	14,0	19011
S-PZA	210	XS	245/70R19.5 265/70R19.5	48	2560	13,0	19023
S-PZA	210	M	11R22.5 10.00R20	36	3140	15,0	19020
S-PZA	215	XL	12.00R24	36	3600	14,5	19029
S-PZA	220	XS	265/70R19.5	48	2580	13,0	19032
RZ12	230	XS	265/285/70R19.5	48	2575	13,0	30529
S-PZA	230	XS	275/70R22.5	36	2860	15,0	19050
S-PZA	230	M	295/80R22.5 12R22.5	36	3140	15,5	19053
PZA	245	M	315/80R22.5 295/80R22.5	27	3220	15,5	19062

 Max speed index						
M	★★★★☆	★★★★★	★★★☆☆	★★★☆☆	★★☆☆☆	★★☆☆☆

E-PZA








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
E-PZA	230	M	295/80R22.5 12R22.5	36	3140	15,0	07505
E-PZA	240	M	295/80R22.5 315/80R22.5	36	3170	15,0	07507
E-PZA	250	M	315/80R22.5 295/80R22.5	27	3185	15,0	07511
E-PZA	265	M	315/80R22.5 14/80R20	27	3220	15,0	07517

 Max speed index						
M	★★★★★	★★★★☆	★★★☆☆	★★★☆☆	★★☆☆☆	★★☆☆☆

RZE-HM








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RZE-HM	230	M	295/80R22.5 275/80R22.5	36	3140	16,0	27223
RZE-HM	240	M	295/80R22.5 315/80R22.5	36	3140	16,0	27235

 Max speed index						
M	★★★★☆	★★★★★	★★★☆☆	★★★★☆	★★☆☆☆	★★☆☆☆

RZ12








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RZ12	200	M	11R22.5 11R24.5 10.00R20	48	3220	12,0	30514
RZ12	230	XS	265/70R19.5 285/70R19.5	48	2575	13,0	30529

 Max speed index						
M	★★★★★	★★★☆☆	★★☆☆☆	★★★★☆	★★☆☆☆	★★☆☆☆

RTA-W



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensiones Medidas	 no.	 mm	 mm	Code 0210...
RTA-W	240	M	295/80R22.5 315/80R22.5	36	3170	12,0	25435

 Max speed index J	 ★★★★	 ★★★★☆	 ★★☆☆☆	 ★★★★☆	 ★★☆☆☆	 ★★☆☆☆
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SUPER SINGLE SECTION

RSSY3



RZYD



RZ12






















RZA65










R164



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RZYD	295	M	385/65R22.5	27	3185	15,0	30032
							
M+S K	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆








RSSY3	295	M	385/65R22.5	27	3235	16,5	34232
RSSY3	320	XL	425/65R22.5	27	3380	17,0	34238
RSSY3	360	XL	445/65R22.5	27	3460	17,5	34247
							
M+S K	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆










RZ12	295	M	385/65R22.5	27	3215	12,0	30535
RZ12-W	300	M	385/65R22.5	27	3215	11,0	30538
RZ12	305	M	385/65R22.5	27	3185	12,0	30540
							
M+S J	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆



NEW

RZA65ST	285	M	385/65R22.5	27	3235	13,0	26217
RZA65	285	M	385/65R22.5	27	3235	13,0	26220
RZA65	295	M	385/65R22.5	27	3235	13,0	26223
RZA65	305	M	385/65R22.5	27	3235	13,0	26226
							
M+S J	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆



R164	295	M	385/65R22.5	27	3185	14,0	31505
R164-L	300	M	385/65R22.5	27	3210	13,5	31507
R164	305	M	385/65R22.5	27	3185	14,0	31510
							
M+S K	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

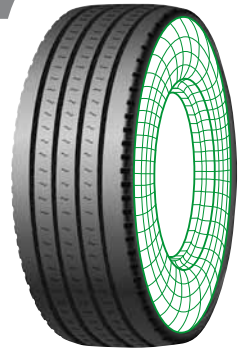


SUPER SINGLE SECTION

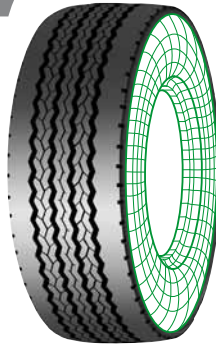
RTA-E



RTA-W



RTE/RTE-M
















RTE PLUS



RRY357*













* Yokohama Original Design









Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RTA*	295	M	385/65R22.5	27	3185	14,0	25020
RTA-E*	295	M	385/65R22.5	27	3235	15,0	25215
RTA-E*	305	M	385/65R22.5	27	3215	15,0	25220
RTA-E*	325	XS	385/55R22.5	27	2955	15,0	25230
RTA-E	360	XS	425/55R19.5	32	2940	12,0	25240
RTA-E	390	XS	445/45R19.5	32	2690	13,0	25250
 J							
	★★★★	★★★☆☆	★★★☆☆	★★★☆☆	★★★★☆	★★★☆☆	★★★☆☆

* 4 grooves / 4 incavi / 4 Längsrillen / 4 sculptures / 4 surcos









	RTA-W	295	M	385/65R22.5	27	3185	12,0	25456
	RTA-W	305	M	385/65R22.5	27	3185	12,0	25459
 J								
	★★★★	★★★☆☆	★★★☆☆	★★★☆☆	★★★★☆	★★★☆☆	★★★☆☆	












RTE	295	M	385/65R22.5	27	3185	16,0	25505
RTE-M	295	M	385/65R22.5	27	3185	14,5	25705
RTE	305	M	385/65R22.5	27	3185	16,0	25510
RTE-M	305	M	385/65R22.5	27	3185	14,5	25710
 J							
	★★★★	★★★☆☆	★★★☆☆	★★★☆☆	★★★★☆	★★★☆☆	★★★☆☆



	RTE PLUS	295	M	385/65R22.5	27	3185	17,0	25805
 J								
	★★★★☆	★★★★	★★★☆☆	★★★☆☆	★★★★☆	★★★☆☆	★★★☆☆	



	RRY357	305	M	385/65R22.5	27	3185	16,0	32620
 J								
	★★★★	★★★☆☆	★★★☆☆	★★★☆☆	★★★★☆	★★★☆☆	★★★☆☆	



ENERGECO+



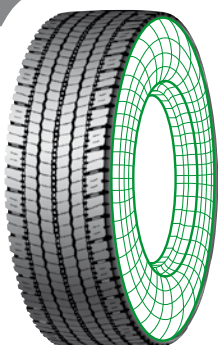
Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
ENERGECO+	250	M	315/80R22.5 295/80R22.5	27	3185	19,5	37020
ENERGECO+	260	XS	315/70R22.5 305/70R22.5	27	3000	19,5	37026
ENERGECO+	260	M	315/80R22.5	27	3185	19,5	37029
ENERGECO+	270	XS	315/70R22.5	27	3000	19,5	37035
ENERGECO+	255	XXS	295/60R22.5	22	2695	18,0	37023
ENERGECO+	270	XXS	315/60R22.5	27	2820	18,0	37032
ENERGECO+	280	XXS	315/60R22.5	27	2820	18,0	37041



M+S

 Max speed index						
L	★★★★	★★☆☆	★★★★	★★☆☆	★★☆☆	★★☆☆

ENERGECO



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
ENERGECO	250	M	295/80R22.5	27	3185	17,0	36505
ENERGECO	260	M	315/80R22.5	27	3185	17,0	36508
ENERGECO	270	XS	315/70R22.5	27	3000	17,0	36511
ENERGECO	270	M	315/80R22.5	27	3185	17,5	36520



M+S

 Max speed index						
L	★★★★	★★☆☆	★★★★	★★☆☆	★★☆☆	★★☆☆

RD2 PLUS



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RD2 PLUS	210	XXS	245/70R19.5 265/70R19.5	36	2525	14,5	22205
RD2 PLUS	220	XXS	265/70R19.5 285/70R19.5	36	2550	14,5	22208
RD2 PLUS	230	XXS	285/70R19.5 265/70R19.5	36	2620	14,5	22211
RD2 PLUS	240	XS	275/70R22.5	36	2860	19,5	22216
RD2 PLUS	240	M	295/80R22.5 315/80R22.5	36	3170	21,0	22217
RD2 PLUS	250	XS	305/70R22.5 315/70R22.5	27	3000	19,5	22220
RD2 PLUS	250	M	295/80R22.5 315/80R22.5	27	3170	21,0	22223
RD2 PLUS	260	XS	315/70R22.5 305/70R22.5	27	3000	21,0	22227
RD2 PLUS	260	M	315/80R22.5	27	3185	21,0	22229
RD2 PLUS	270	XS	315/70R22.5	27	3000	21,0	22231
RD2 PLUS	270	M	315/80R22.5	27	3185	21,0	22232



M+S

L	★★★★☆	★★★★★	★★★★☆	★☆☆☆☆	★☆☆☆☆	★☆☆☆☆

RD2



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RD2	220	M	11R22.5 12R22.5	36	3170	19,5	22005
RD2	230	M	12R22.5 295/80R22.5	36	3170	19,5	22011
RD2	240	M	295/80R22.5 315/80R22.5	36	3185	19,5	22017
RD2	250	M	295/80R22.5 315/80R22.5	27	3185	19,5	22023
RD2	260	XS	315/70R22.5 305/70R22.5	27	3000	19,5	22026
RD2	260	M	315/80R22.5	27	3185	19,5	22029
RD2	270	XS	315/70R22.5	27	3000	19,5	22030
RD2	270	M	315/80R22.5	27	3185	19,5	22032



M+S

L	★★★★☆	★★★★★	★★★★☆	★☆☆☆☆	★☆☆☆☆	★☆☆☆☆

SK711



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
SK711	210	M	11R22.5	36	3220	18,0	33008
SK711	230	M	295/80R22.5 12R22.5	36	3225	19,5	33023
SK711-B	245	M	295/80R22.5 315/80R22.5	27	3185	19,5	33038

M+S

L	★★★★☆	★★★★★	★★★☆☆	★☆☆☆☆	★★★☆☆	★★★☆☆

RD-HM



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
RD-HM	240	M	295/80R22.5 315/80R22.5	36	3170	21,0	20217
RD-HM	250	M	315/80R22.5 295/80R22.5	27	3170	21,0	20220
RD-HM	260	M	315/80R22.5 295/80R22.5	27	3170	21,0	20223
RD-HM	265	XS	315/70R22.5	27	3000	20,0	20229

M+S

L	★★★★☆	★★★★★	★★★☆☆	★☆☆☆☆	★★★☆☆	★★★☆☆



MDA-N



M+S

Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensiones Medidas	 no.	 mm	 mm	Code 0210...
MDA-N	255	XXS	295/60R22.5	27	2695	17,0	11521
MDA-N	270	XXS	315/60R22.5	27	2785	17,0	11528
MDA-N	285	XXS	315/60R22.5	27	2818	17,0	11529

 Max speed index						
M	★★★★	★★★☆☆	★★★☆☆	★☆☆☆☆	★☆☆☆☆	★☆☆☆☆

MDA








M+S

Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensiones Medidas	 no.	 mm	 mm	Code 0210...
MDA-M	230	S	295/80R22.5	36	3092	18,5	11514
MDA-M	245	M	295/80R22.5 315/80R22.5	27	3220	18,5	11520
MDA	255	M	315/80R22.5 295/80R22.5	27	3220	18,5	11523
MDA	265	M	315/80R22.5	27	3240	18,5	11526
MDA	270	XS	315/70R22.5	27	3000	18,5	11527

 Max speed index						
M	★★★★	★★★☆☆	★★★☆☆	★☆☆☆☆	★☆☆☆☆	★☆☆☆☆

RZT








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensiones Medidas	 no.	 mm	 mm	Code 0210...
RZT	180	XS	205/75R17.5 215/75R17.5	48	2290	13,0	28511
RZT	230	XXS	285/70R19.5	48	2650	14,0	28538

M+S

 Max speed index						
L	★★★★☆	★★★★★	★★★☆☆	★★★☆☆	★☆☆☆☆	★☆☆☆☆

TH 25



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensiones Medidas	 no.	 mm	 mm	Code 0210...
TH 25	210	L	11.00R20 11.00R22	36	3300	17,0	34511
TH 25	225	S	295/80R22.5 11.00R20	36	3132	17,0	34520
TH 25	245	M	315/80R22.5 295/80R22.5	27	3220	17,0	34526

M+S

 Max speed index						
M	★★★★☆	★★★★★	★★★☆☆	★★★☆☆	★☆☆☆☆	★☆☆☆☆

RDG100



NEW

NEW



M+S

Pattern Disegno Profil Profil Profil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
RDG100	260	M	315/80R22.5	27	3185	22,0	07721
RDG100	270	XS	315/70R22.5	27	3000	21,0	07730
RDG100	270	M	315/80R22.5	27	3185	22,0	07736

L	★★★★☆	★★★★☆	★★★★☆	★★★☆☆	★☆☆☆☆	★☆☆☆☆

RSY397*

NEW



M+S

Pattern Disegno Profil Profil Profil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
RSY397	250	M	295/80R22.5 315/80R22.5	27	3185	21,0	32723
RSY397	260	M	315/80R22.5 295/80R22.5 11R24.5	27	3185	21,0	32729

L	★★★★☆	★★★★★	★★★★★	★★★☆☆	★☆☆☆☆	★☆☆☆☆

* Yokohama Original Design

RMS2



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RMS2	240	M	295/80R22.5	36	3170	18,0	24317
RMS2	250	M	315/80R22.5 295/80R22.5	27	3185	18,0	24323
RMS2	260	M	315/80R22.5	27	3185	18,0	24329

M+S

L	★★★★☆	★★★★★	★★★★★	★★★★★	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆

RM+SK



NEW

Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RM+SK	210	S	11R22.5	36	3100	19,5	23505
RM+SK	220	M	12R22.5 11R24.5 11R22.5	36	3220	19,5	23508
RM+SK	225	S	295/75R22.5 275/80R22.5	36	3070	19,5	23510
RM+SK	230	M	295/80R22.5 12R22.5	36	3200	19,5	23511
RM+SK	245	M	295/80R22.5 315/80R22.5	27	3200	19,5	23514
RM+SK	255	M	315/80R22.5 295/80R22.5	27	3200	19,5	23517
RM+SK	270	XS	315/70R22.5	27	3000	19,5	23526



M+S

L	★★★★☆	★★★★★	★★★★★	★★★★★	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆

GRIP



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
GRIP	260	M	315/80R22.5	27	3185	20,0	10332
GRIP	260	XS	315/70R22.5	27	3000	19,0	10329
GRIP	270	XS	315/70R22.5	27	3000	19,0	10334
GRIP	255	XXS	295/60R22.5	27	2700	17,5	10326
GRIP	270	XXS	315/60R22.5	27	2820	18,0	10335
GRIP	280	XXS	315/60R22.5	27	2820	18,0	10338
RM+SN*	245	M	315/80R22.5 295/80R22.5	27	3220	20,0	24023

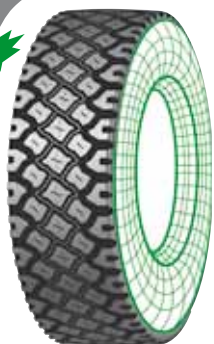


M+S

L	★★★★	★★★★☆	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆

* Drawing variant / Variante disegno / Zeichnungsvariante / Variante du dessin / Variante dibujo

R75



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
R75	215	M	11R22.5 11R24.5	36	3220	26,0	19218
R75	225	M	11R22.5 11R24.5	36	3220	26,0	19221

M+S

K	☆☆☆☆	★★★★☆	★★★★	☆☆☆☆	★★★★	★★★★

RMS8e



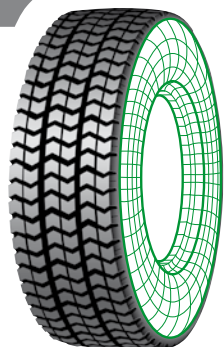
Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RMS8e	215	M	11R22.5 275/80R24.5	36	3185	20,0	10905
RMS8e	225	M	11R22.5 275/80R24.5	36	3185	20,0	10908
RMS8e	235	M	295/80R22.5 275/80R24.5	36	3185	20,0	10911
RMS8e	250	M	295/80R22.5 315/80R22.5	27	3160	20,0	10917
RMS8e	260	M	315/80R22.5	27	3185	20,0	10920
RMS8e	265	XS	315/70R22.5 305/70R22.5	27	3000	20,0	10923



M+S

L	★★★★☆	★★★★★	★★★★★	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆

RM+S4








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RM+S4	210	M	11R22.5 12R22.5	36	3200	19,0	24502
RM+S4	220	M	11R22.5 12R22.5 11R24.5	36	3200	19,0	24505
RM+S4	230	M	295/80R22.5 12R22.5	36	3170	19,0	24508
RM+S4	240	M	295/80R22.5 315/80R22.5	36	3185	19,0	24511
RM+S4	250	M	315/80R22.5 295/80R22.5	27	3185	19,0	24514
RM+S4	260	M	315/80R22.5	27	3185	19,0	24517

M+S

L	★★★★★	★★★★☆	★★★★★	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆

RZY/MZY








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
MZY	220	XL	12.00R24 12.00-24 11.00R22	36	3600	15,0	29534
RZY-N	230	M	295/80R22.5	36	3140	17,0	29538
RZY	230	L	13R22.5 12.00R20	36	3340	19,0	29535
RZY-N	240	M	295/80R22.5 315/80R22.5	36	3220	16,0	29544
MZY	240	L	315/80R22.5 13R22.5	36	3266	20,0	29541
MZY	255	M	315/80R22.5	27	3220	20,0	29545
RZY-N*	265	M	315/80R22.5 14/80R20	27	3220	16,0	29547

 Max speed index						
K	☆☆☆☆	★★★★☆	★☆☆☆☆	☆☆☆☆☆	★★★★★	★★★☆☆

* 4 grooves / * 4 incavi / * 4 Längsrillen / * 4 sculptures / * 4 surcos

RZY-HM



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensionen Medidas	 no.	 mm	 mm	Code 0210...
RZY-HM	215	M	11R22.5 11R24.5	36	3220	19,0	29718
RZY-HM	235	M	12R22.5	36	3200	19,0	29730
RZY-HM	240	L	13R22.5	36	3340	19,0	29733
RZY-HM	245	M	315/80R22.5 295/80R22.5	27	3170	20,5	29736
RZY-HM	250	L	13R22.5	27	3340	19,0	29742
RZY-HM	255	M	315/80R22.5 295/80R22.5	27	3185	20,5	29748
RZY-HM	265	M	315/80R22.5 295/80R22.5	27	3185	20,5	29754

 Max speed index						
K	☆☆☆☆	★★★★☆	★☆☆☆☆	☆☆☆☆☆	★★★★★	★★★☆☆

MDY/RDY-L



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
MDY	230	M	295/80R22.5 12R22.5	36	3180	20,0	12014
MDY	230	L	13R22.5 12.00R20	36	3325	20,0	12011
MDY	240	L	13R22.5 12.00R20	36	3340	20,5	12017
MDY	245	M	315/80R22.5 295/80R22.5	27	3220	20,0	12020
RDY-L	245	M	315/80R22.5 295/80R22.5	27	3220	17,5	21220
MDY	250	L	13R22.5	27	3340	20,5	12023
RDY-L	260	M	315/80R22.5 13R22.5	27	3240	17,5	21226
MDY	265	M	315/80R22.5 13R22.5	27	3240	20,0	12026



M+S

K	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

RDY-HM



M+S

Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
RDY-HM	240	M	295/80R22.5 315/80R22.5	36	3170	22,0	21117
RDY-HM	250	M	315/80R22.5	27	3240	22,0	21120
RDY-HM	250	L	13R22.5	27	3310	22,0	21121
RDY-HM	260	M	315/80R22.5 13R22.5	27	3240	21,5	21123
RDY-HM	260	L	13R22.5	27	3340	22,0	21126
RDY-HM	270	M	315/80R22.5	27	3240	21,5	21129

K	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

MIX MASTER



Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
MIX MASTER	230	L	12.00R20 12R22.5	36	3300	18,5	13501
MIX MASTER	240	L	13R22.5 12.00R20	36	3300	18,5	13503
MIX MASTER	245	M	295/80R22.5	27	3170	18,5	13504
MIX MASTER	250	L	315/80R22.5 13R22.5	27	3300	18,5	13505
MIX MASTER	260	M	315/80R22.5	27	3220	18,5	13507

M+S

K	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

WASTE HAUL








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
WASTE HAUL	210	M	11R22.5	36	3180	21,5	35005
WASTE HAUL	220	M	12R22.5 11R22.5 11R24.5	36	3220	21,5	35008
WASTE HAUL	230	M	295/80R22.5	36	3180	21,5	35011
WASTE HAUL	245	M	315/80R22.5 295/80R22.5	27	3220	22,0	35014
WASTE HAUL	260	M	315/80R22.5	27	3220	22,0	35017

M+S

J	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

MZH








Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
MZH	245	L	13R22.5 315/80R22.5	27	3340	20,0	18008

M+S

 Max speed index						
G	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

MZH PLUS




Pattern Disegno Profil Profil Perfil	 mm		Sizes Misure Dimensionen Dimensions Medidas	 no.	 mm	 mm	Code 0210...
MZH PLUS	250	L	13R22.5	27	3320	23,5	18140
MZH PLUS	265	L	13R22.5	27	3320	23,5	18149


M+S

 Max speed index						
G	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆


US MEASURE / MISURE US / US GROßEN / DIMENSIONS US / MEDIDA US



mm	inch
----	------



mm	inch
----	------



mm	inch
----	------

10	13/32"
11	14/32"
12	15/32"
13	16/32"
14	18/32"
15	19/32"
16	20/32"
17	21/32"
18	23/32"
19	24/32"
20	25/32"
21	26/32"
22	28/32"
23	29/32"
24	30/32"
25	31/32"
26	33/32"

150	5 7/8"
160	6 1/4"
170	6 3/4"
180	7"
190	7 1/2"
200	8"
210	8 1/4"
220	8 5/8"
230	9"
240	9 3/8"
250	9 7/8"
260	10 3/8"
270	10 5/8"
280	11"
290	11 3/8"
300	11 7/8"
330	13"








2000	78 ₂₄ /32"
2100	82 ₂₂ /32"
2200	86 ₂₀ /32"
2300	90 ₁₈ /32"
2400	94 ₁₆ /32"
2500	98 ₁₄ /32"
2600	102 ₁₂ /32"
2700	106 ₁₀ /32"
2800	110 ₈ /32"
2900	114 ₆ /32"
3000	118 ₄ /32"
3100	122 ₂ /32"
3200	125 ₃₁ /32"
3300	129 ₂₉ /32"
3400	133 ₂₇ /32"
3500	137 ₂₅ /32"
3600	141 ₂₃ /32"

TABLE OF VALUES / SCALA DEI VALORI / WERTETABELLE / ECHELLE DES VALEURS / ESCALA DE VALORES

☆☆☆☆ not recommended / non consigliato / ungeeignet / pas recommandable / no recomendado
 ★★★☆☆ acceptable / accettabile / möglich / possible / posible

★★★★☆ good / buono / gut / bon / bueno
 ★★★★★ perfect / ottimo / ideal / excellent / óptimo

RINGTREAD patterns performance characteristics / Caratteristiche prestazionali dei disegni RINGTREAD / Leistungseigenschaften der RINGTREAD-Profile / Caractéristiques de performances des profils RINGTREAD / Prestaciones de los dibujos RINGTREAD

Patterns Disegni Profile Profils Dibujos	 Max speed index							M+S
Patterns for Europe / Disegni per l'Europa / Profile für Europa / Profils pour l'Europe / Dibujos para l'Europa								
BUS	K	☆☆☆☆	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	
BUS-T	J	☆☆☆☆	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	●
ENERGECO	L	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
ENERGECO+	L	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
E-PZA	M	★★★★	★★☆☆	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	
GRIP	L	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
MDA	M	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
MDA-N	M	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
MDY/RDY-L	K	☆☆☆☆	★★★★	★★☆☆	☆☆☆☆	★★★★	★★★★	●
MIX MASTER	K	☆☆☆☆	★★★★	★★☆☆	★★☆☆	★★★★	★★★★	●
MZH	G	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	★★★★	★★★★	●
MZH PLUS	G	☆☆☆☆	☆☆☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	●
R164	K	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
R75	K	☆☆☆☆	★★☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	●
RD2	L	★★☆☆	★★★★	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RD2 PLUS	L	★★★★	★★★★	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RD4	M	★★★★	★★☆☆	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	●
RDG100	L	★★☆☆	★★☆☆	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	●
RD-HM	L	★★☆☆	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	●
RD-HSe	M	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RDU	J	★★★★	★★☆☆	★★★★	★★★★	☆☆☆☆	☆☆☆☆	●
RDY-HM	K	☆☆☆☆	★★☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	●
RM+S4	L	★★★★	★★★★	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RM+SK	L	★★☆☆	★★★★	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RM+SN	L	★★☆☆	★★★★	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RMS2	L	★★☆☆	★★★★	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RMS8e	L	★★★★	★★★★	★★★★	☆☆☆☆	☆☆☆☆	☆☆☆☆	●
RRY357	J	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
RSSY3	K	★★☆☆	★★☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	●
RSY397	L	★★★★	★★★★	★★★★	★★☆☆	☆☆☆☆	☆☆☆☆	●
RTA	L	★★★★	★★☆☆	☆☆☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	
RTA-E	J	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
RTA-W	J	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
RTE PLUS	J	★★★★	★★★★	★★☆☆	☆☆☆☆	★★★★	★★★★	
RTE/RTE-M	J	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
RZ12	J/M	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
RZA65	J	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	
RZE 1	K	★★☆☆	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	
RZE-HM	M	★★☆☆	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	
RZT	L	★★☆☆	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	●
RZU	J	☆☆☆☆	★★★★	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	
RZY/MZY	K	☆☆☆☆	★★☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	
RZYD	L	★★☆☆	★★☆☆	★★☆☆	☆☆☆☆	★★☆☆	☆☆☆☆	●
	K	★★★★	★★☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	●
RZY-HM	K	☆☆☆☆	★★☆☆	★★☆☆	☆☆☆☆	★★★★	★★★★	
SK711	L	★★☆☆	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	●
S-PZA	M	★★☆☆	★★★★	★★☆☆	★★☆☆	☆☆☆☆	☆☆☆☆	
TH 25	M	★★★★	★★☆☆	★★☆☆	★★★★	☆☆☆☆	☆☆☆☆	●
WASTE HAUL	J	☆☆☆☆	★★☆☆	★★☆☆	★★★★	★★★★	★★★★	●

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