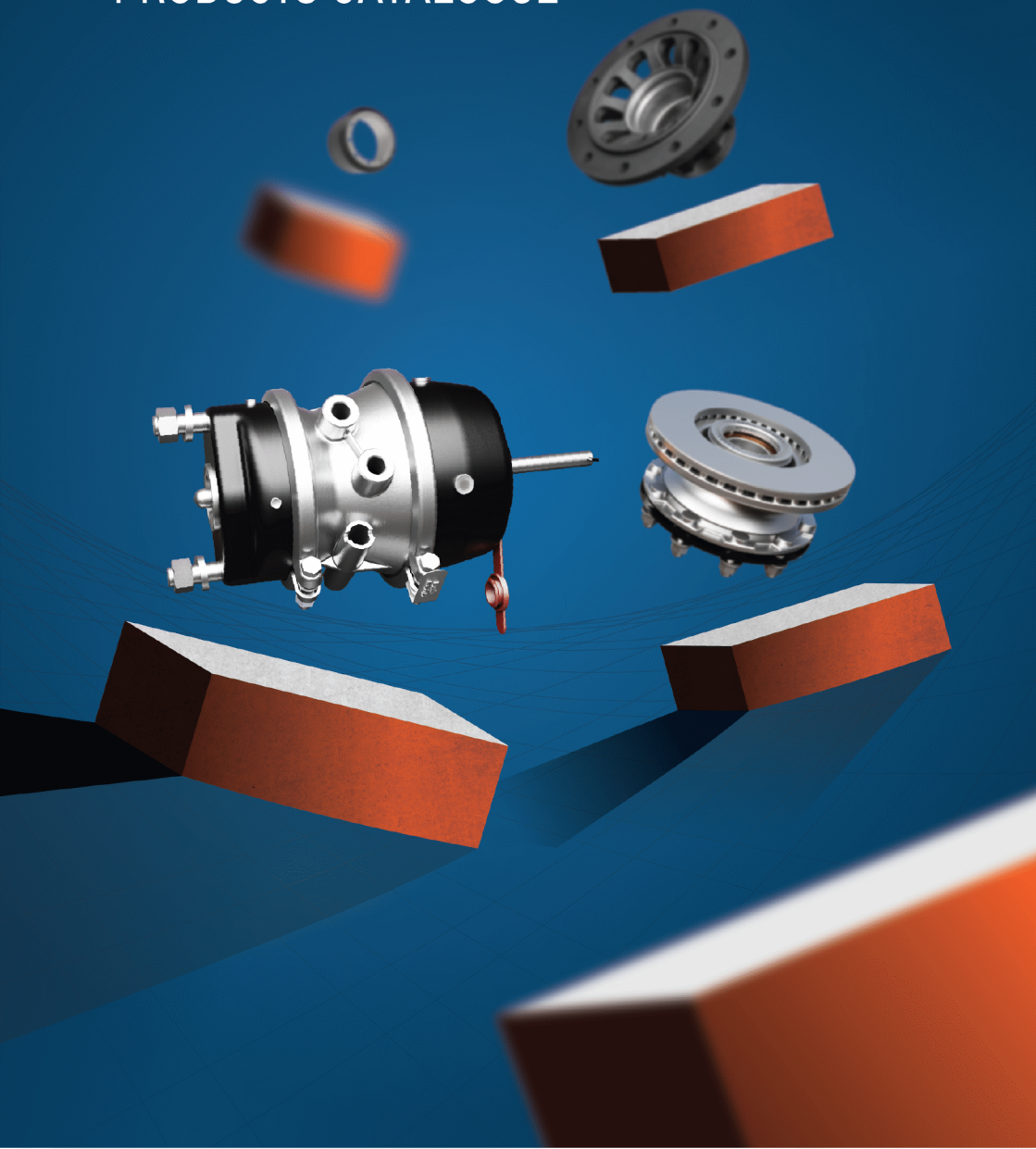
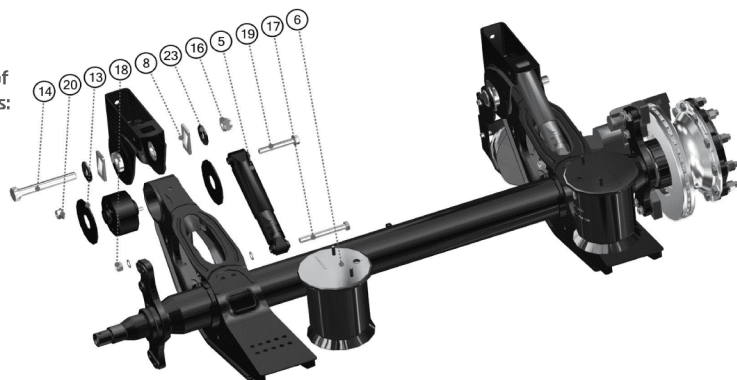




RST PURCHASING AUTOMOTIVE PRODUCTS CATALOGUE

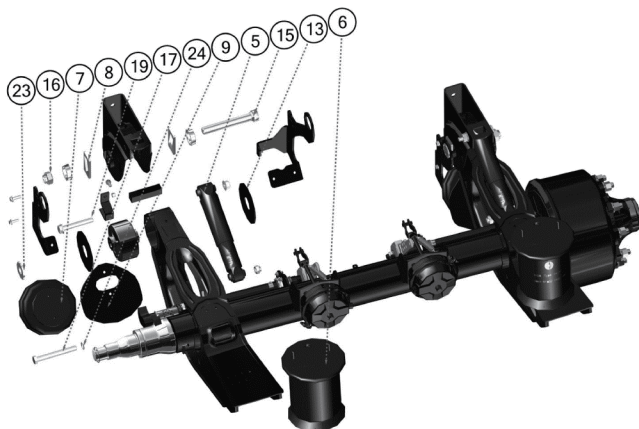


Technical specifications of axle accessories:
 3x9 Intra Disc Brake Axle



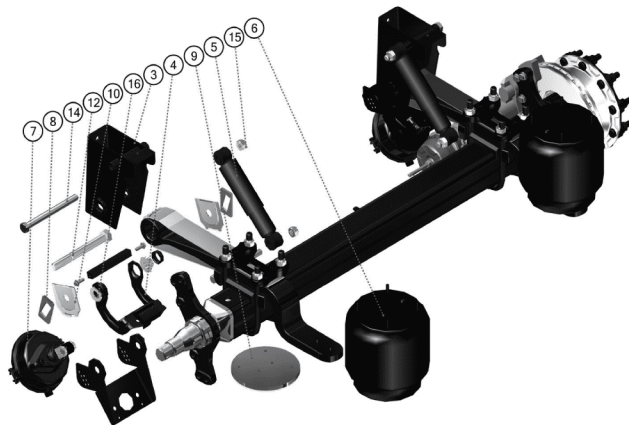
Row	Product	Quantity	Technical code
1	Set of axles without axle lift	2	04.000.101
2	Set of axles with axle lift	1	04.000.201
3	Intra Hanger Bracket T2	6	04.304.000
4	Axle Lift T2	2	04.502.000
5	Shock absorber	6	04.401.410
6	Airbag	6	04.401.409
7	Convolutd air spring	2	04.501.507
8	Adjustment washer	12	01.301.311
9	Convolutd air spring Bracket	2	04.301.314
10	Convolutd air spring Bracket	6	04.301.315
11	Convolutd air spring Bracket	2	04.301.316
12	Convolutd air spring nut	2	04.301.317
13	Plastic washer	12	04.301.306
14	Axle lift bolt	2	04.501.506
15	Hanger Screw	4	04.301.320
16	Hanger bracket lock nut	6	01.301.306
17	Intra side shock absorber connection screw	6	04.401.410.02
18	Intra side shock absorber connection nut	6	04.401.410.03
19	Hanger Bracket Side shock absorber connection screw	6	04.401.410 - 05
20	Hanger Bracket Side shock absorber connection nut	6	04.401.410 - 06
21	Connection nut for airbag connection to Intra	6	04.401.413
22	Connection nut for airbag connection to the chassis	12	04.401.414
23	Washer	6	01.301.313
24	Washer(Intra side shock absorber)	12	04.401.415

Technical specifications of axle accessories:
 3x9 Intra Drum Brake Axle



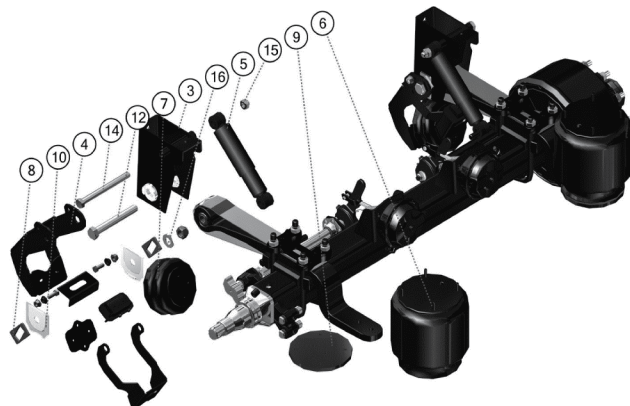
Row	Product	Quantity	Technical code
1	Set of axles without axle lift	2	04.000.101
2	Set of axles with axle lift	1	04.000.201
3	Intra Hanger Bracket T2	6	04.304.000
4	Axle Lift T2	2	04.502.000
5	Shock absorber	6	04.401.410
6	Airbag	6	04.401.409
7	Convoluted air spring	2	04.501.507
8	Adjustment washer	12	01.301.311
9	Convoluted air spring Bracket	2	04.301.314
10	Convoluted air spring Bracket	6	04.301.315
11	Convoluted air spring Bracket	2	04.301.316
12	Convoluted air spring nut	2	04.301.317
13	Plastic washer	12	04.301.306
14	Axle lift bolt	2	04.502.506
15	Hanger Bracket bolt	4	04.301.320
16	Hanger bracket lock nut	6	01.301.306
17	Intra side shock absorber connection screw	6	04.401.410.02
18	Intra side shock absorber connection nut	6	04.401.410.03
19	Hanger Bracket Side shock absorber connection screw	6	04.401.410 - 05
20	Hanger Bracket Side shock absorber connection nut	6	04.401.410 - 06
21	Connection nut for airbag connection to Intra	6	04.401.413
22	Connection nut for airbag connection to the chassis	12	04.401.414
23	Washer	6	01.301.313
24	Washer(Intra side shock absorber)	12	04.401.415

Technical specifications of axle accessories:
 3x9 Disc Brake Axle



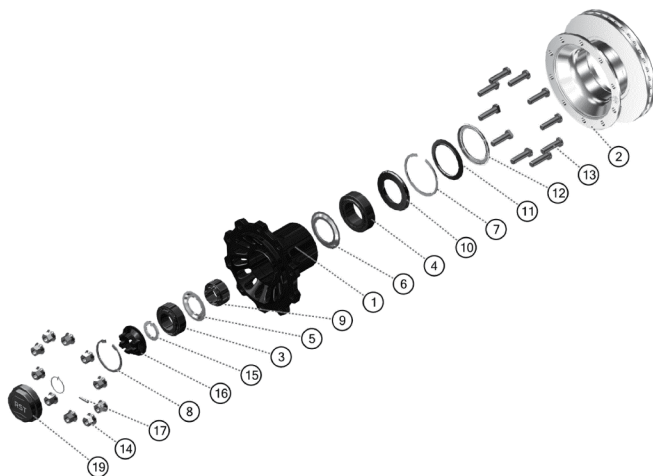
Row	Product	Quantity	Technical code
1	Set of axles without axle lift	2	08.000.101
2	Set of axles with axle lift	1	08.000.201
3	10 cm Hanger Bracket	6	01.303.301
4	10 Cm Spring Liftging Set Type 1	2	08.801.000
5	Shock absorber	6	01.401.407
6	Airbag	6	02.401.405
7	Convolved air spring	2	04.501.507
8	Adjustment washer	12	01.301.311
9	Air Bag bottom sheet	2	02.101.117
10	Sliding adjustment Square washer	2	01.301.305
11	Hexagon Hanger Bracket head screw	12	01.301.312
12	Hanger Bracket round head Screw	4	04.301.320
13	Hexagon lock nut	6	01.301.306
14	Shock absorber connection screw	6	08.301.307
15	Spring Bolt	12	01.301.308
16	Washer	6	01.301.321

Technical specifications of axle accessories:
 3x9 Drum Brake Axle



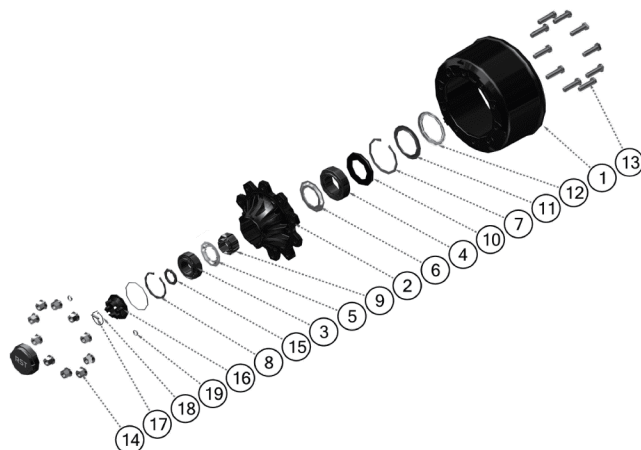
Row	Product	Quantity	Technical code
1	Set of axles without axle lift	2	08.000.101
2	Set of axles with axle lift	1	08.000.201
3	10 cm Hanger Bracket	6	01.303.301
4	10 Cm Spring Liftgng Set Type 1	2	08.801.000
5	Shock absorber	6	01.401.407
6	Airbag	6	02.401.405
7	Convoluted air spring	2	04.501.507
8	Adjustment washer	12	01.301.311
9	Air Bag bottom sheet	2	02.101.117
10	Sliding adjustment Square washer	12	01.301.312
11	Hexagon Hanger Bracket head screw	2	01.301.305
12	Hanger Bracket round head Screw	4	04.301.320
13	Hexagon lock nut	6	01.301.306
14	Shock absorber connection screw	6	08.301.307
15	Spring Bolt	12	01.301.308
16	Washer	6	01.301.321

**Technical
specifications of
axle accessories:**
3x9 Intra Drum
Brake Axle



Row	Title of the piece	Quantity	Technical characteristics	Technical code
1	Hub	1	Casting piece	01.201.201
2	Brake disc	1	Casting piece	01.201.202
3	Small roller bearing	1	SKF tapered roller bearing with code 33213	01.201.203
4	Big roller bearing	1	Bearing with code 33318	01.201.204
5	Small metal duster	1	Galvanized sheet 0.5 mm	01.201.205
6	Big metal duster	1	Galvanized sheet 0.5 mm	01.201.206
7	Circlipg	1	Ø169xØ148 Circlipg	01.201.207
8	Circlip	1	Ø129xØ115 Circlipg	01.201.208
9	Grease cartridge	1	Plastic piece	01.201.209
10	Oil Seal	1	Standard Seal	01.201.210
11	Plastic duster	1	Plastic piece	01.201.211
12	ABS ring	1	-	01.201.212
13	Wheel screws	10	Screw M22x1.5-L80	01.201.213
14	Wheel nuts	10	M22x1.5 hexagon nut	01.201.214
15	Adjusting washer	1	Structural Steel	01.201.215
16	Shaft lock nut	1	Forged piece	01.201.216
17	Split Pin	1	Shaft	01.201.217.01
18	Split Pin Ring	1	Ring Spill with 2.5 mm profile diameter	01.201.217.02
19	Wheel bolt rim	2	D12.5X11X6	01.201.218

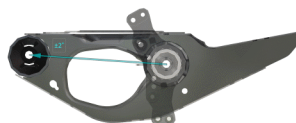
Technical specifications of axle accessories:
 3x9 Intra Drum
 Brake Axle



Row	Title of the piece	Quantity	Technical characteristics	Technical code
1	Brake Drum	1	Casting piece	03.201.202
2	Axle Hub	1	Casting piece	03.201.203
3	Small roller bearing	1	SKF tapered roller bearing with code 33213	01.201.203
4	Big roller bearing	1	Bearing with code 33318	01.201.204
5	Small metal duster	1	Galvanized sheet 0.5 mm	01.201.205
6	Big metal duster	1	Galvanized sheet 0.5 mm	01.201.206
7	Circlip	1	Ø169xØ148 internal thorn Spring	01.201.207
8	Circlip	1	Ø129xØ115 internal thorn Spring	01.201.208
9	Grease cartridge	1	Plastic piece	01.201.209
10	Oil Seal	1	Standard Seal	01.201.210
11	Plastic duster	1	Plastic piece	01.201.211
12	ABS ring	1	-	01.201.212
13	Wheel screws	10	Round head flat end screw M22x1.5-L80	01.201.213
14	Wheel nuts	10	M22x1.5 hexagon nut	01.201.214
15	Adjusting washer	1	Structural Steel	01.201.215
16	Axle nut	1	Forged piece	01.201.216
17	Split Pin	1	Shaft	01.201.217.01
18	Split Pin	1	Ring Spill with 2.5 mm profile diameter	01.201.217.02
19	Wheel bolt rim	2	D12.5X11X6	01.201.218

Rubber Bush assembly:

To install the Intra rubber bush, it must be placed in the position shown in the figure below, which if not paying attention to the direction of assembly will have a negative impact on the performance of the rubber bush.



Rubber Bush

Spring assembly:

To install the springs on the Axle Beam, first, we place the left or right spring seats in its position in relation to the axial side, insert the axle U-Bolts from below and place the segment U-Bolt between the U-Bolt and the Axle Beam and place the Z-spring on the spring seats and install the spring plate on it as well.

Note: tighten nuts to the prescribed torque in several stages on the alternate sides.



Spring

Replacement of Hangerr Bracket bolt:

To replace the Hanger Bracket screw, loosen the hexagon head lock nut M30 × 3.5 - / SW = 46m with a wrench number 46 and replace the Hanger Bracket bolt. To do this, make sure to use authorized repair shops. The allowable torque for it is 400Nm + 120°±10°.



Hanger bracket

Boosters:

In each set of axles, two single-axle boosters are used in the first axle, and in the next axles, double brake boosters are used.



Double brake booster 30/T30

Single brake booster T30



Axle beam:

For axle beams are produced by robotic welding automatically. After that, two sides of axle beam are machined simultaneously by special lathe machine and finally axle stub journals are grinded in order to reach the high precision tolerances and this capability thus leads to a direct effect in reducing the maintenance costs of the axle, including bearings, brake pads, tires wear, and the axle life.



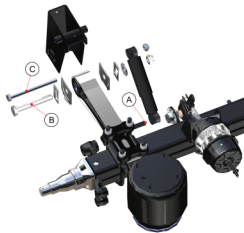
Spring Axle Beam



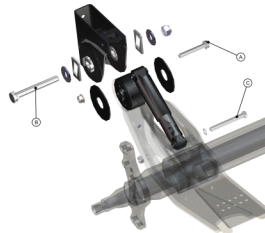
Intra Axle Beam

Suspension Set:

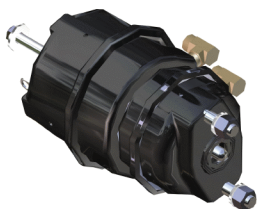
The Hanger Brackets, must be installed and welded on the trailer chassis in its exact position. Since the basis of the mountings of the axle is the hanger brackets, it is very important that, these parts shall be installed and welded in its exact position without any disortion.



Leaf Spring Axle Suspension System



Intra Axle Beam


Double brake booster 24/T16

Single brake booster T16

Row	Set title	technical code
1	Single brake booster T30	02.101.107
2	Double brake booster T30 / 30	02.101.118
3	Single brake booster T16	01.101.107
4	Double brake booster T16 / 24	01.101.113

Torque of the booster nuts	
T30	180Nm
T30 / 30	180Nm
T16	180Nm
T16/24	180Nm



Disc: 01.201.219 / Drum: 04.201.219



03.201.203



01.201.201



01.201.207 / 01.201.208



01.201.212



01.201.215 / 01.201.216 / 01.201.217



02.301.331 / 02.301.332 / 02.301.330



03.201.202



01.201.202



03.301.000



02.301.307



02.101.116



9 Tons Axles: 01.401.408
12 tons Axles: 05.401.404



01.401.405



01.401.407



04.403.401



01.402.401



01.401.401



V1025



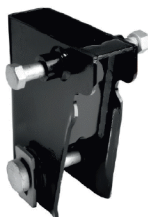
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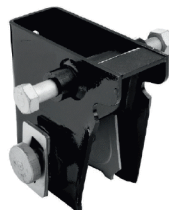
01.303.000



Bushing 24 : 01.301.302 / Bushing 30: 01.301.301



Bushing 24 : 01.302.302 / Bushing 30: 01.302.301



01.301.301



-



04.303.301



04.304.301



MGC.02



MGC.01



MGC.03



APH.01.01



WT.01.00



Long: M6.01 / Mid: M6.02 / Single: M6.03



TT.01



OT.01.130 / Vol: 130 lit



AS.386



-



-



-



M6.01.02



MG.01.01



RD.03



RD.02



RD.01



AT.01



TTS.02



TTS.01



DH.01



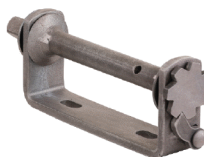
WC.024



RLC.01



BCL.01



DD.01



AS.145.00.01



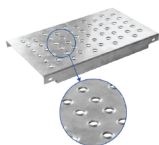
AS.956.00.00



AS.931.00.00



AS.534.00.00



TTP.01.01



TTP.01.02



DP.01



BDH.01



TM.01



PH.01



IDB.01



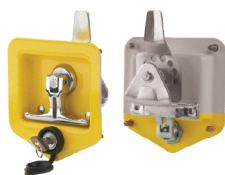
TSL.01



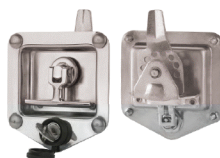
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As.863.00.00



TBL.02



TBL.01



-



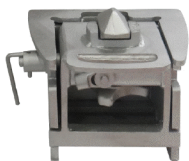
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FCL.01



RCL.01



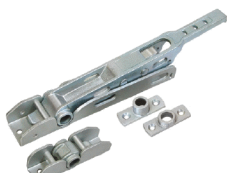
MCL.01



BT.01



CSC.01



LM.01



CR.01



CS.02



CS.01



Valvers Box



Tool Box (Single L - Type)



Tool Box Single Floor



Tool Box Drawer



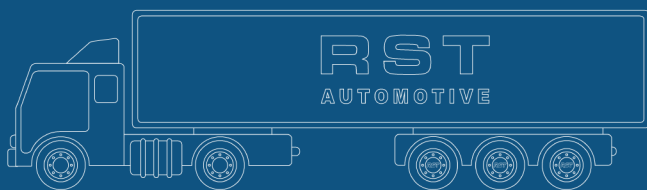
Tool Box Single Floor



AXLES
FOR SEMI TRAILERS

PRODUCT CATALOGUE OF
RST PURCHASING AUTOMOTIVE
www.rstpurchasing.com





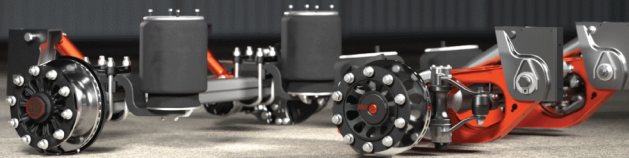
P R O D U C T S
C A T A L O G U E

RST PURCHASING AUTOMOTIVE
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RST PURCHASING AUTOMOTIVE

Title	Page	Title	Page
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Introduction	6	Axle Code: 001	38
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Axle Code: 102	16	Axle Code: 052	42
Axle Code: 103	18	Axle Code: 254	44
Axle Code: 104	20	Axle Code: 255	46
Axle Code: 105	22	Axle Code: 260	48
Axle Code: 106	24	Axle Code: 261	50
Axle Code: 301	26	Axle Code: 259	52
Axle Code: 302	28	Axle Code: 258	54
Axle Code: 304	30	Axle Code: 151	56
Axle Code: 152	32	Axle Code: 256	58
Axle Code: 351	34		



RST PURCHASING AUTOMOTIVE



Company Profile - RST PURCHASING AUTOMOTIVE



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RST PURCHASING AUTOMOTIVE

Company Profile

Three Decades of Experience. A Modern Vision Leading the Future
In a world that continues to evolve under the momentum of technology and constant advancement, we have remained firmly rooted in our core values: quality, development, and trust.

For over 30 years, we have specialized in manufacturing and supplying spare parts for heavy vehicles. Throughout this journey, we have left a strong mark in both local and global markets through strategic partnerships and our commitment to excellence.

In 2018, driven by the need to adapt to the ever-changing market landscape, we made a pivotal shift – from manufacturing for the world's largest brands to launching our own RST.

RST is more than just a brand; it's a reflection of our deep-rooted expertise and a bold step toward the future.

We offer innovative and reliable products tailored to meet the needs of both local and international markets.

Trailer Axles and Spare Parts Production

RST purchasing automotive manufactures various types of trailer axles using modern technology and high-quality raw materials to ensure optimal performance and long durability. Trailer spare parts include suspension systems, brakes, hubs, and other mechanical components, all produced in compliance with global standards. The company specializes in designing and producing heavy-duty trailer axles with precision and high quality. By continuously investing in research and development, as well as improving quality and after-sales service, RST purchasing automotive has become one of the leading manufacturers of trailer components.

Quality That Inspires Trust

Equipped with advanced machinery and a professional, experienced team, RST purchasing automotive consistently takes steps toward development and innovation. Strict quality control, accurate monitoring, and ongoing communication with customers form the foundation of our work. By offering the RST brand in domestic and international markets, the company provides durable, cost-effective, and high-performance products. Our mission is to maximize customer satisfaction and maintain a superior position in the trailer industry.

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Precision and Long-lasting Durability

The products of RST purchasing automotive stand out in the market due to meticulous attention to detail and compliance with precise standards throughout all production stages. To address challenges such as sliding, twisting, and wear of parts, and to reduce maintenance costs, the company has implemented specialized processes in its production line. In addition, the use of advanced technologies such as robotic welding systems and specialized fixtures has significantly improved consistency and durability in axle components.





RST
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RST

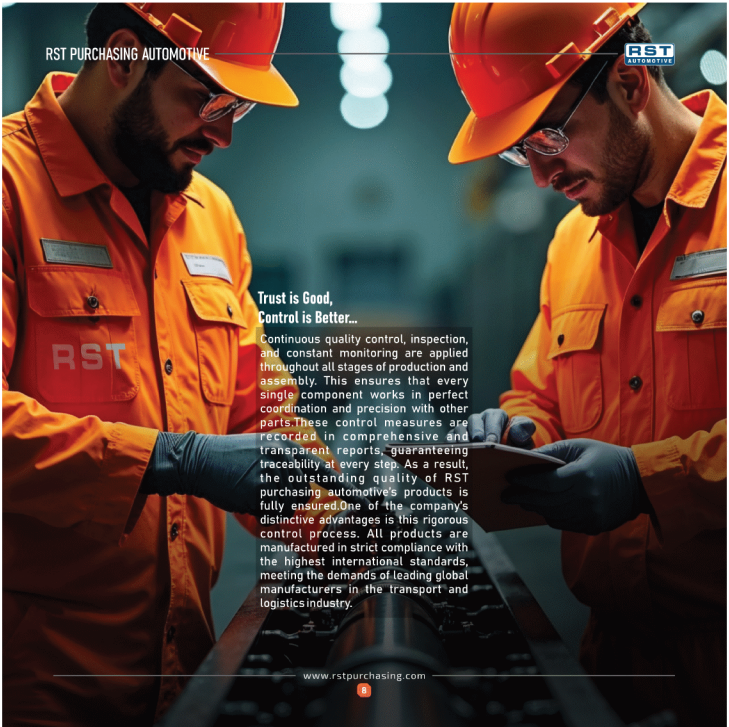
SCANIA

**Drive with
Peace of Mind...**

Enjoy Every Journey with Confidence!

RST purchasing automotive, by offering reliable warranties and full coverage of parts for one year, along with an extensive after-sales service network, ensures a worry-free driving experience for you. With a strong commitment to quality and adherence to precise international standards, we continuously strive to meet your expectations, strengthen customer trust, and enhance satisfaction. By attending scheduled maintenance services, using genuine and certified parts approved by the company, and benefiting from authorized after-sales services, you will significantly reduce wear and extend the service life of RST purchasing automotive products.

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RST
PURCHASING

**Trust is Good,
Control is Better...**

Continuous quality control, inspection, and constant monitoring are applied throughout all stages of production and assembly. This ensures that every single component works in perfect coordination and precision with other parts. These control measures are recorded in comprehensive and transparent reports, guaranteeing traceability at every step. As a result, the outstanding quality of RST purchasing automotive's products is fully ensured. One of the company's distinctive advantages is this rigorous control process. All products are manufactured in strict compliance with the highest international standards, meeting the demands of leading global manufacturers in the transport and logistics industry.

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RST PURCHASING AUTOMOTIVE

We've Got You Covered...

Commitment Beyond Quality

Our commitment does not end with manufacturing high-quality products; rather, it continues throughout the entire life cycle of your equipment. By providing precise and comprehensive technical information, and by enhancing the performance of your axle components, we ensure reliable service and maintenance for your RST axles at the highest standards. Through our representatives, after-sales

services and warranty coverage are delivered under the supervision of experienced specialists. By strictly following complete service and maintenance protocols, we maintain full control, helping you minimize operating costs and maximize efficiency and performance. With our quality, reliability, and advanced systems, this is only the beginning.



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Progress and Innovation...

At RST purchasing automotive, we are always aligned with global standards and the needs of modern drivers. We offer a wide range of innovative axles, providing efficient and practical solutions for the transport and logistics industry.

Steerable Axles – A Revolution in Efficiency

These axles, with improved maneuverability and control, reduce tire wear and minimize rolling resistance, leading to significant fuel savings. By using the new generation RST system, operators can achieve up to 40% reduction in tire wear, while lowering operating costs and extending the overall life cycle of their fleet.

120 mm Offset Hub Axles

These axles, with around 10% weight increase, provide greater space for brake installation and stronger protection for braking components against contamination and harsh environmental conditions. Their design ensures easy access to brake and suspension systems, while maintaining a clean and modern trailer appearance. These features make them an attractive option for operators seeking ease of maintenance and reliable performance.

Disc Hanger Axle (Type 2)

This new generation of axles, with state-of-the-art disc and spindle design, provides lower weight and improved performance. Using advanced friction welding technology at the spindle connection enhances strength while eliminating common issues in traditional welding methods. The brake disc assemblies are designed for durability and resistance against cracking, thermal fatigue, and environmental factors such as dust and dirt. With improved cooling and heat dissipation, these axles deliver more reliable braking, superior performance, and longer service life even under the most demanding conditions.



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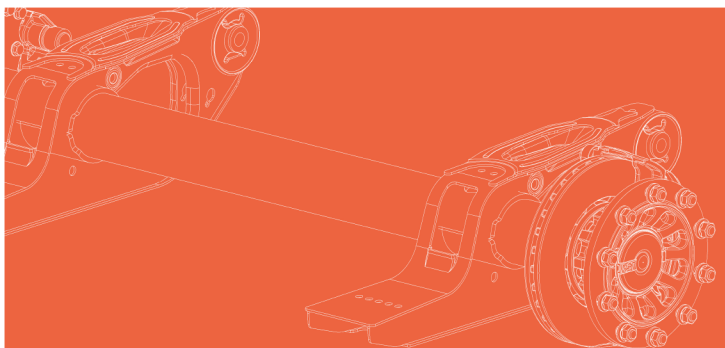
Drive Safe The Ultimate Driving Experience

The expert team of RST purchasing automotive carefully examines every detail of braking systems before installation on axles, ensuring full compliance with safety algorithms and performance criteria. Through advanced testing procedures and strict adherence to international standards, we guarantee that our products deliver maximum safety and reliable performance on the road.

With continuous development of RST axles and suspension components, we provide stability and comfort that ensure a smooth, safe, and enjoyable driving experience. Every journey becomes effortless, giving drivers unmatched confidence and peace of mind.

www.rstpurchasing.com



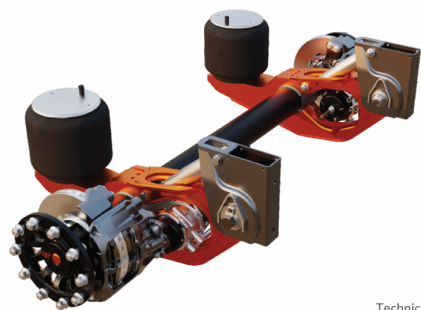


A X L E S

RST Axles

In this section, we introduce the RST axles manufactured by RST purchasing automotive. These axles are classified into two main categories based on the braking system: disc and drum. In addition, according to the suspension system, they are categorized into hanger-type and spring-type, and in terms of functionality, into fixed and steerable types.

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Axle:
Intra IO Disk Brake Axle

Axle Code
101

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510420009	9000kg	Disk Brake Ø430	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510420020					2090		

Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	260	245	—	200	355
325	90	35	80	140	280	265	50	250	375
					310	295		250	405
340	90	85	80	140	330	315	100	300	425
					360	345		300	455
355	90	135	80	140	380	365	150	350	475
					410	395		350	505

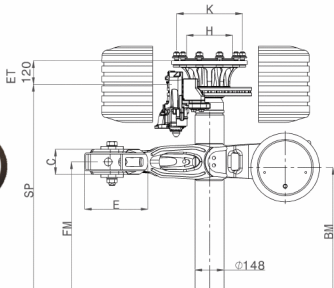
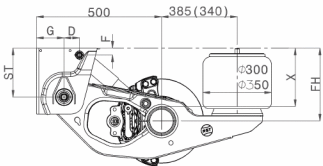
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Design manual drum and disk barked axles, Edition 2025-01

Axle Dimensional Drawing

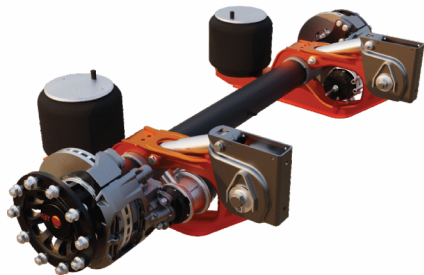
Intra IO Disk Brake Axle

← DIRECTION OF TRAVEL



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Design manual drum and disk barked axles, Edition 2025-01



Axle:
Intra IU Disk Brake Axle

Axle Code
102

Technical Specifications Table of the Axle

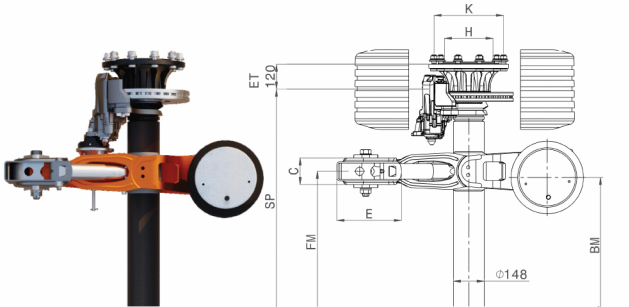
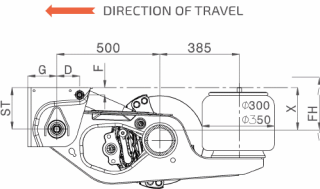
Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510420002	9000kg	Disk Brake Ø430	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510420022					2090		

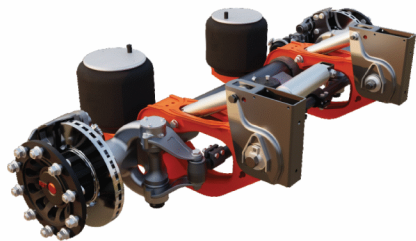
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	155	140	—	200	250
					185	170	50	250	280
					205	190			300
325	90	35	80	140	235	220	100	300	330
					255	240			350

Axle Dimensional Drawing

Intra IU
Disk Brake Axle





Axle:
Self Steering Intra IU
Disk Brake AxleType S

Axle Code

103

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	LBM	BM	FM	SP	OH/K	Tyres Recommended
—	9000 kg	Disk BrakeØ430	1470	920	980	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
—			1520	970	1030	2095		

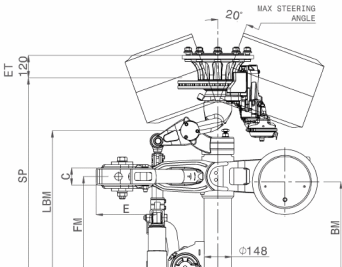
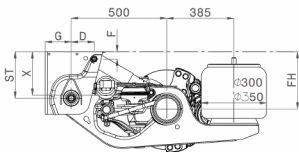
Suspension System Specifications

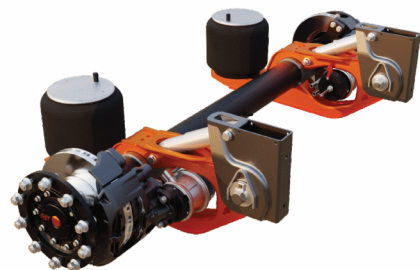
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	155	140	50	200	250
					185	170			280
					205	190			300
325	90	35	80	140	235	220	100	250	330
					255	240			350
340	90	85	80	140				300	350

Axle Dimensional Drawing

Self Steering Intra IU
Disk Brake Axle Type S

← DIRECTION OF TRAVEL





Axle:
Intra IU Disk Axle Type S2

Axle Code

104

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510420002	9000kg	Disk Brake Ø430	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510420022					2090		

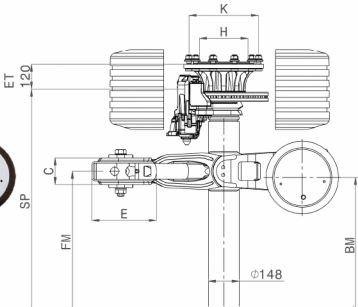
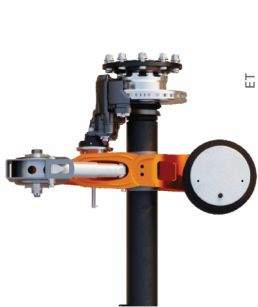
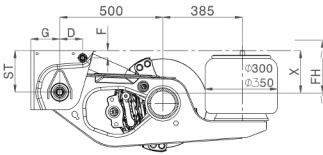
Suspension System Specifications

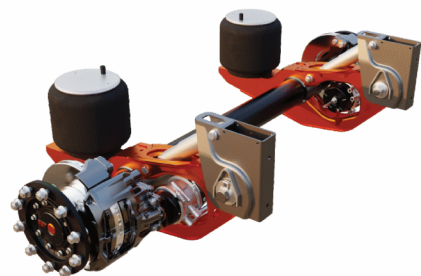
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	155	140	—	200	250
					185	170	50	250	280
					205	190			300
325	90	35	80	140	235	220	100	300	330
					255	240			350

Axle Dimensional Drawing

Intra IU
Disk Axle Type S2

← DIRECTION OF TRAVEL





Axle:
Intra IO Disk Brake Axle Type S2

Axle Code
105

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510420013	9000kg	Disk Brake Ø430	1240	1300	2040 2090	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510420021							

Suspension System Specifications

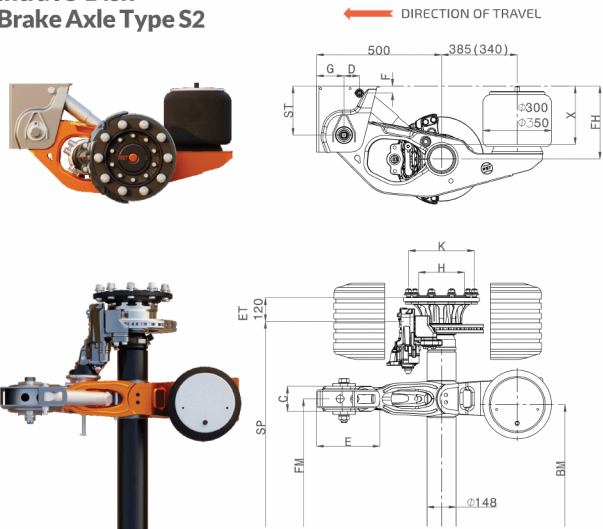
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	260	245	—	200	355
325	90	35	80	140	280	265	—	250	375
					310	295		250	405
340	90	85	80	140	330	315	50	300	425
					360	345	100	300	455
355	90	135	80	140	380	365		350	475
					410	395	150	350	505

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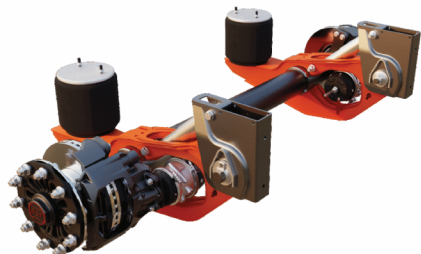
Axle Dimensional Drawing

Intra IO Disk Brake Axle Type S2



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Axle:
Intra IO Disk Brake Axle Type B

Axle Code
106

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510420026	9000kg	Disk Brake Ø430	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510420025					2090		

Suspension System Specifications

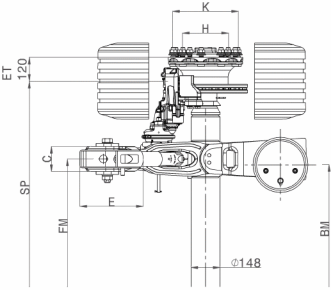
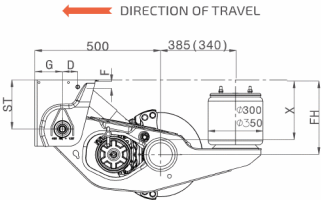
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	260	245	—	200	355
325	90	35	80	140	280	265	50	250	375
					310	295		250	405
340	90	85	80	140	330	315	100	300	425
					360	345		300	455
355	90	135	80	140	380	365	150	350	475
					410	395		350	505

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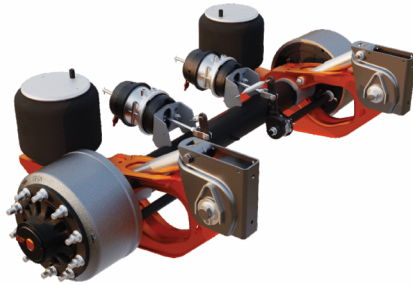
Axle Dimensional Drawing

Intra IO Disk
Brake Axle Type B



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Axle:
 Intra IO Drum Brake Axle Type S

Axle Code

301

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500220010	9000kg	Drum Brake Ø420	470	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81500220014			520			2090		

Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	260	245	—	200	355
325	90	35	80	140	280	265	—	250	375
					310	295	—		405
340	90	85	80	140	330	315	50	300	425
					360	345	100		455
355	90	135	80	140	380	365	—	350	475
					410	395	150		505

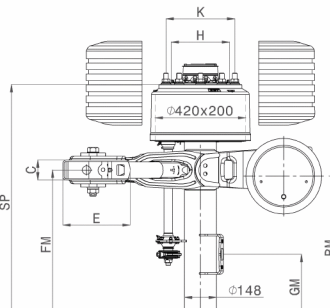
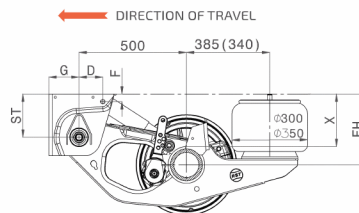
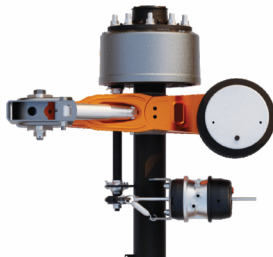
- www.rstpurchasing.com

Design manual drum and disk barked axles, Edition 2025-01

20

Axle Dimensional Drawing ◀

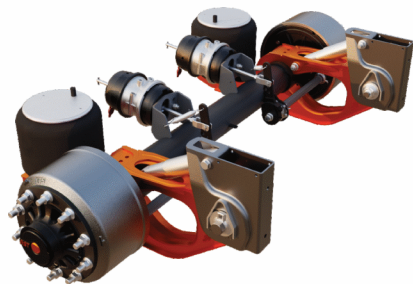
Intra IO Drum Brake Axle Type S



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Design manual drum and disk barked axles, Edition 2025-01

27



Axle:
Intra IU Drum Brake Axle Type S

Axle Code
302

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500220002	9000kg	Drum Brake Ø420	470	1240	1300	2040	280/335	385/65 R 22.5
81500220017			520			2090	10Bolts M22 x1.5	

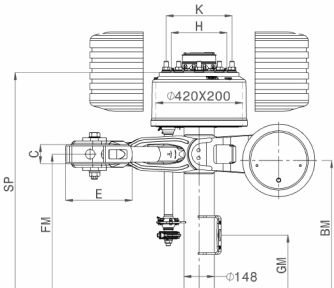
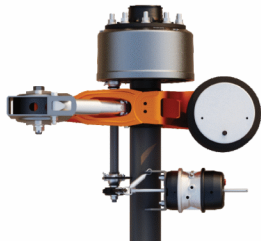
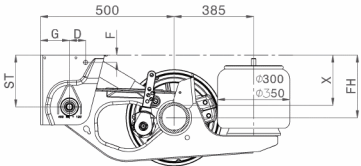
Suspension System Specifications

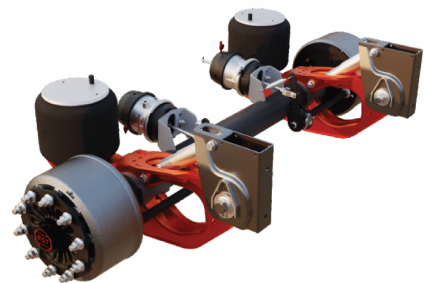
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	155	140	—	200	250
					185	170			280
325	90	35	80	140	205	190	50	250	300
					235	220			330
340	90	85	80	140	255	240	100	300	350

Axle Dimensional Drawing

Intra IU Drum Brake Axle Type S

← DIRECTION OF TRAVEL





Axle:
Intra IO Drum Brake Axle(ET120)

Axle Code
304

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500220007	9000kg	Drum Brake Ø420	635	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81500220016						2095		

Suspension System Specifications

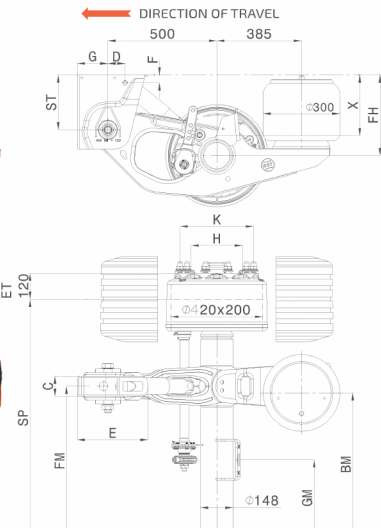
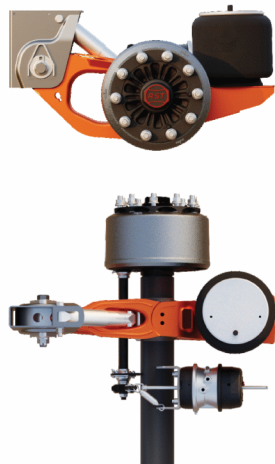
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
310	90	35	110	140	260	245	—	200	355
325	90	35	80	140	280	265	—	250	375
					310	295	50	250	405
					330	315	50	300	425
340	90	85	80	140	360	345	100	300	455
					380	365	100	350	475
355	90	135	80	140	410	395	150	350	505

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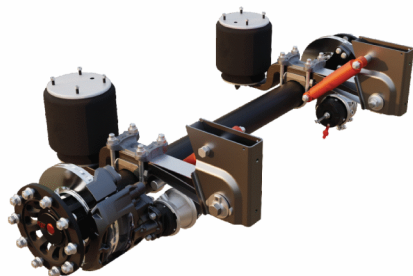
Axle Dimensional Drawing

Intra IO Drum
Brake Axle(ET120)



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Axle:
Modulk Disk Brake Axle Type S

Axle Code
152

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510220002	9000 kg	Disk Brake Ø430	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510220004					2090		

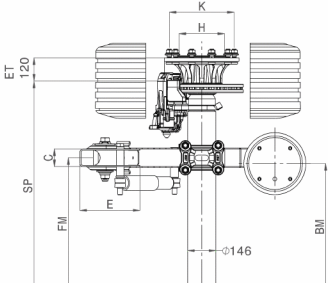
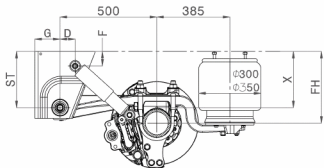
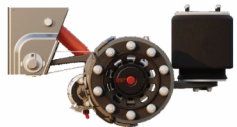
Suspension System Specifications

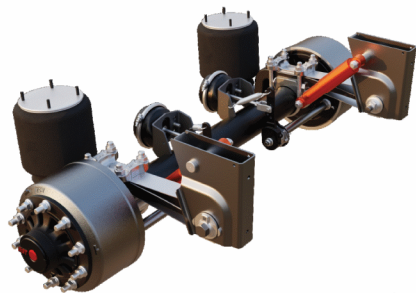
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
325	90	35	80	140	285	270	—	250	370
					320	305	50		400
310	90	75	80	130	335	320		100	290
					365	350	445		
355	90	135	80	140	390	375	150	350	470
					420	405			495

Axle Dimensional Drawing

Modulk Disk
Brake Axle Type S

← DIRECTION OF TRAVEL





Axle:
Modul Drum Brake Axle Type S

Axle Code
351

Technical Specifications Table of the Axle

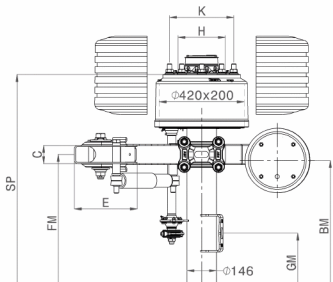
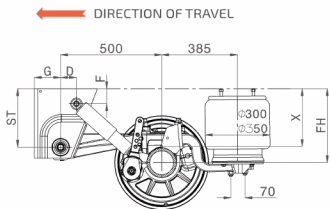
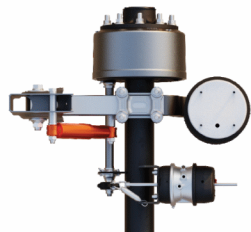
Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500320001	9000 kg	Drum Brake Ø420	470	1240	1300	2040	280/335 10 Bolts M22 x1.5	385/65 R 22.5
81500320006			520			2090		

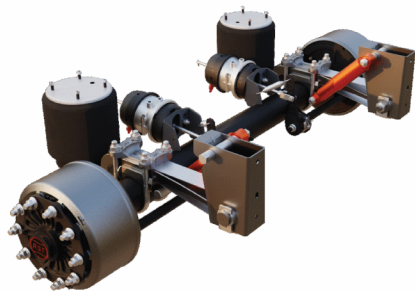
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
325	90	35	80	140	285	270	50	250	370
					320	305			400
					355	320			420
310	90	75	80	130	365	350	100	290	455
					390	375			470
355	90	135	80	140	420	405	150	350	495

Axle Dimensional Drawing

Modul Drum Brake Axle Type S





Axle:
Modul Drum Brake Axle(ET120)

Axle Code
355

Technical Specifications Table of the Axle

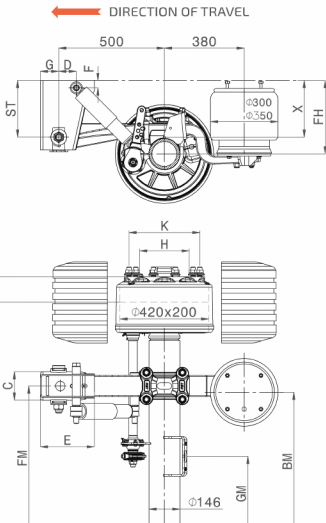
Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500320003	9000kg	Drum BrakeØ420	635	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81500320004			690			2095		

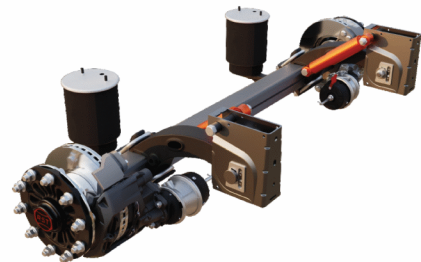
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
255	130	35	83	87	285	270	—	268	375
					315	300	50		400
					355	340	100		430

Axle Dimensional Drawing

Modul Drum Brake
Axle(ET120)





Axle:
ECO Air Disk Brake Axle

Axle Code
001

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81510320001	9000kg	Disk Brake Ø430	1260	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510320002					2095		

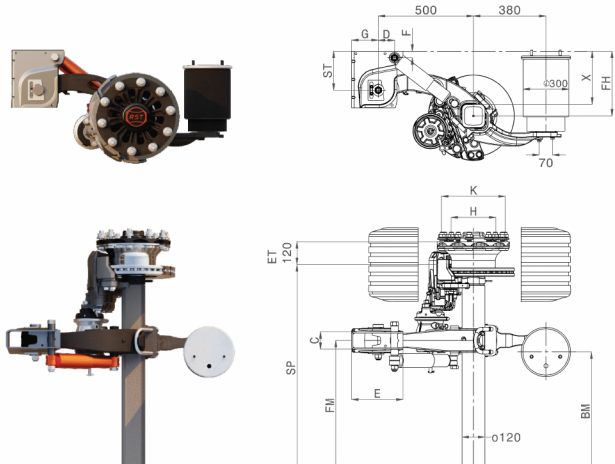
Suspension System Specifications

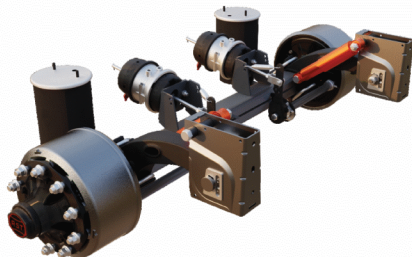
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
205	90	35	85	140	240	225	—	205	340
					270	255	50		370
					300	285	100		400
					330	315	—		430
205	90	67	85	140	355	340	50	290	455
					390	375	100		490

Axle Dimensional Drawing

ECO Air Disk Brake Axle

← DIRECTION OF TRAVEL





Axle:
ECO Air Drum Brake Axle

Axle Code

201

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81500520001	9000 kg	Drum Brake Ø420	1260	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81500520002					2095		

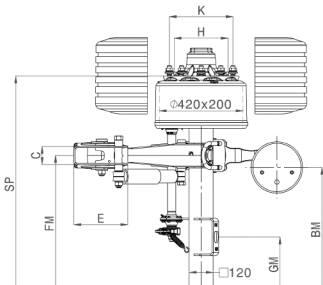
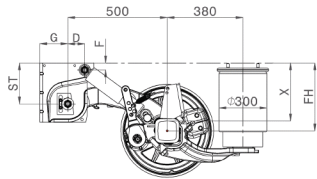
Suspension System Specifications

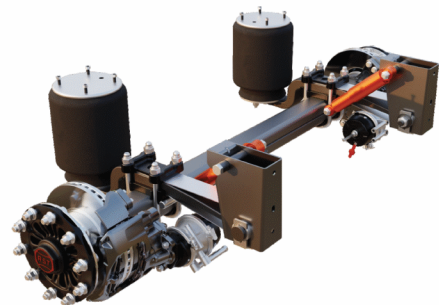
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
205	90	35	85	140	240	225	—	205	340
					270	255	50		370
					300	285	100		400
					330	315	—		430
205	90	67	85	140	355	340	100	290	455
					390	375	150		495

Axle Dimensional Drawing

ECO Air
Drum Brake Axle

DIRECTION OF TRAVEL





Axle:
Modul Disk Brake Axle Type B

Axle Code
052

Technical Specifications Table of the Axle

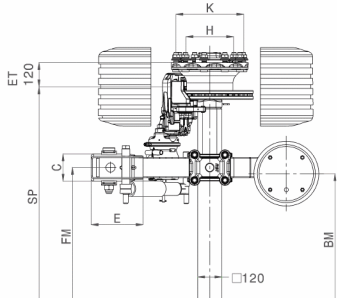
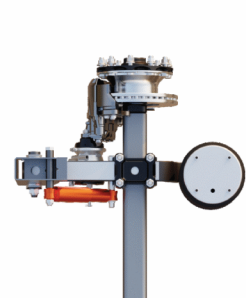
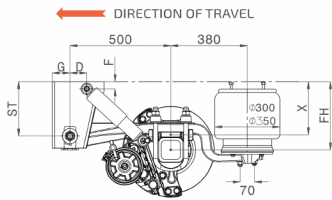
Product code	Axle Load	Brake system	BM	FM	SP	ØH/K	Tyres Recommended
81S10120001	9000kg	Disk Brake Ø430	1240	1300	2040 2095	280/335 10Bolts M22 x1.5	385/65 R 22.5

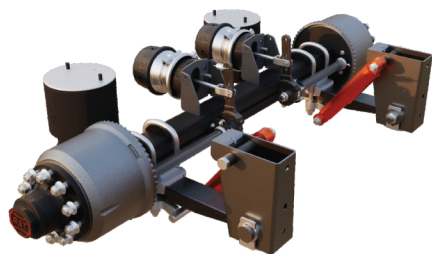
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
255	130	35	83	87	285	270	—	268	365
					315	300	50		395

Axle Dimensional Drawing

Modul Disk Brake Axle Type B





Axle:
Modul Drum Brake Axle
Type B

Axle Code
254

Technical Specifications Table of the Axle

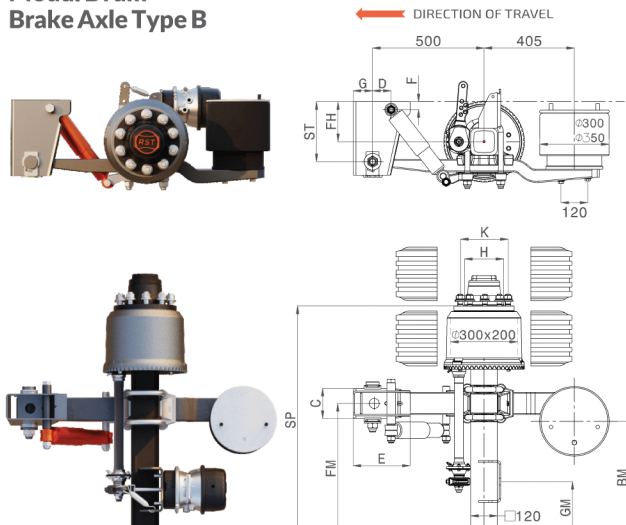
Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500120001	9000kg	Drum Brake Ø300	360	940	1100	1950	175/225	235/75 R 17.5
81500120015			400			1995	10Bolts M22 x1.5	245/70 R 17.5

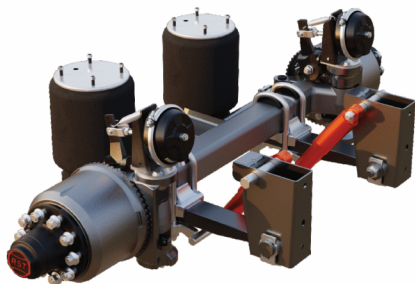
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
255	130	35	83	87	140	130	—	268	240
					180	165	50		270

Axle Dimensional Drawing

Modul Drum
Brake Axle Type B





Axle:
Self Steering Modul
Drum Brake Axle
Type B

Axle Code
255

Technical Specifications Table of the Axle

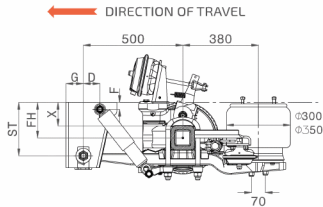
Product code	Axle Load	Brake system	LBM	BM	FM	SP	ØH/K	Tyres Recommended
81500420001	9000-12000	Drum Brake Ø300	1210	690	750	1945	175/225	235/75 R 17.5
81500420003	kg		1250		800	1985	10Bolts M22 x1.5	245/70 R 17.5

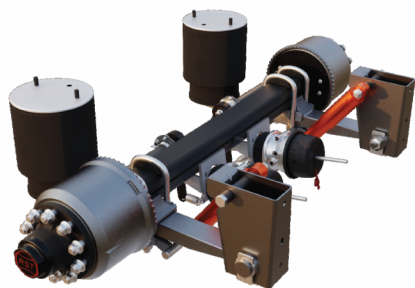
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Braket(mm)	ST	FH
255	130	35	83	87	140	130	50	268	240
					180	165			270

Axle Dimensional Drawing

Self Steering Modul Drum Brake Axle Type B





Axle:
Modul Drum Brake Axle Type B

Axle Code
260

Technical Specifications Table of the Axle

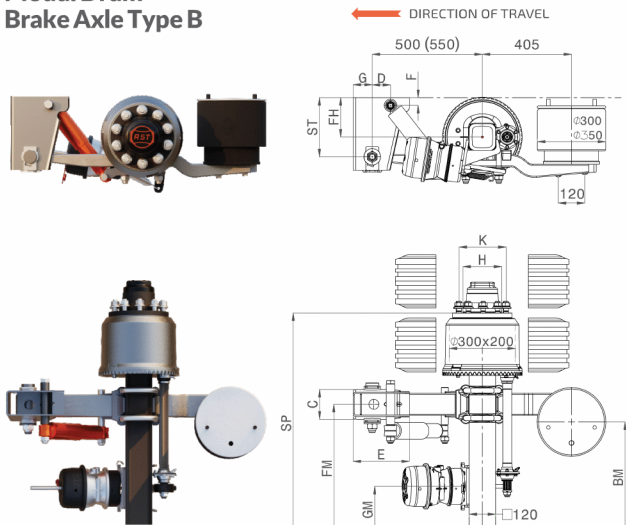
Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500120005	9000kg	DrumBrakeØ300	360	940	1100	1950	175/225	235/75 R 17.5
81500120016			400			1995	10Bolts M22 x1.5	245/70 R 17.5

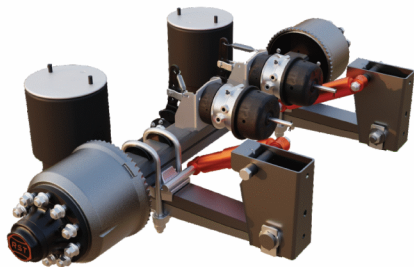
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
255	130	35	83	87	140	130	—	268	240
					180	165			270

Axle Dimensional Drawing

Modul Drum Brake Axle Type B





Axle:
Modul Drum Brake Axle Type B

Axle Code
261

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500120006	9000 kg	DrumBrake0300	360	940	1100	1950	175/225	235/75 R 17.5
81500120017			400			1995	10Bolts M22 x1.5	245/70 R 17.5

Suspension System Specifications

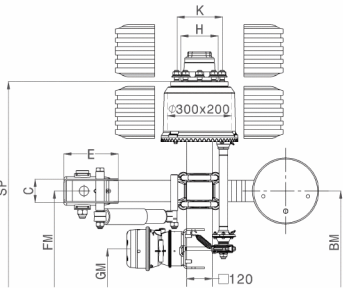
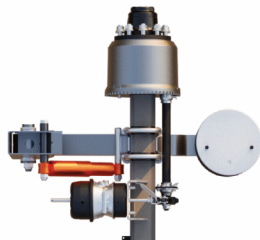
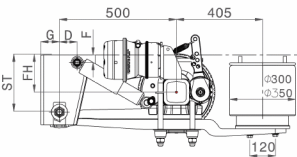
E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Braket(mm)	ST	FH
255	130	35	83	87	140	130	—	268	240
					180	165			270

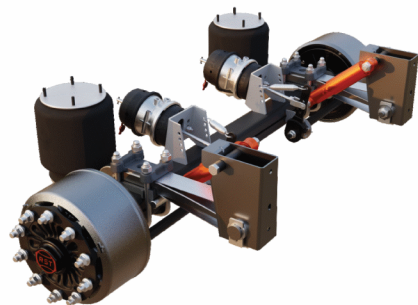
Axle Dimensional Drawing

Modul Drum Brake Axle Type B



← DIRECTION OF TRAVEL





Axle:
Modul Drum Brake
Axle Type B(ET120)

Axle Code
259

Technical Specifications Table of the Axle

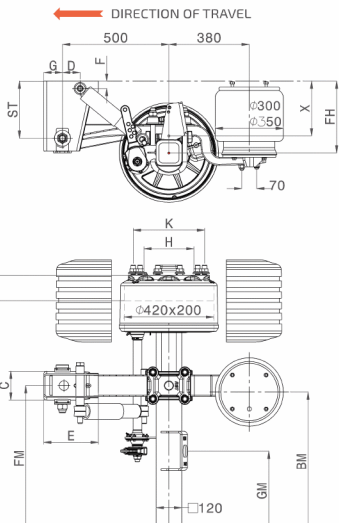
Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500120008	9000kg	Drum BrakeØ420	635	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81500120011			685			2090		

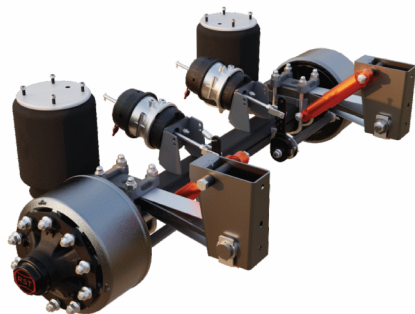
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
255	130	35	83	87	285	285	—	268	365
					315	300			395

Axle Dimensional Drawing

Modul Drum Brake
Axle Type B(ET120)





Axle:
Modul Drum Brake Axle Type B

Axle Code
258

Technical Specifications Table of the Axle

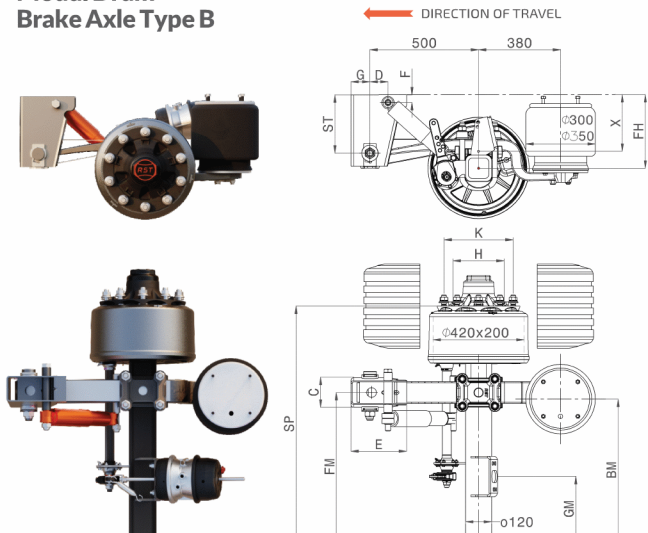
Product code	Axle Load	Brake system	GM	BM	FM	SP	ØH/K	Tyres Recommended
81500120002	9000kg	Drum BrakeØ420	470	1240	1300	2040	280/335	385/65 R 22.5
81500120013			525			2090	10Bolts M22 x1.5	

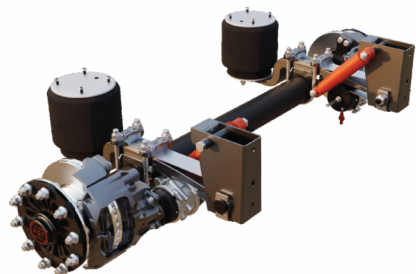
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Braket(mm)	ST	FH
255	130	35	83	87	285	270	50	268	365
					315	300			395

Axle Dimensional Drawing

Modul Drum Brake Axle Type B





Axle:
Modulk Disk Brake Axle Type B

Axle Code
151

Technical Specifications Table of the Axle

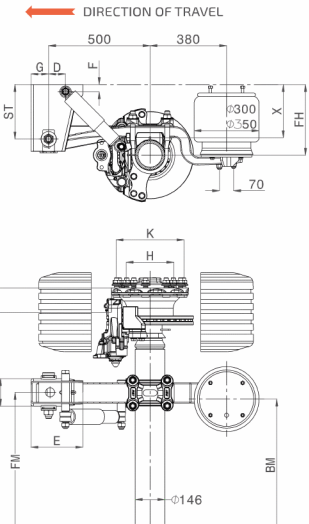
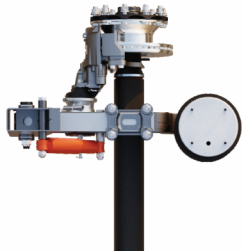
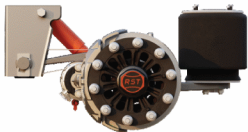
Product code	Axle Load	Brake system	BM	FM	SP	OH/K	Tyres Recommended
81510220001	9000kg	Disk Brake Ø430	1240	1300	2040	280/335 10Bolts M22 x1.5	385/65 R 22.5
81510220003					2090		

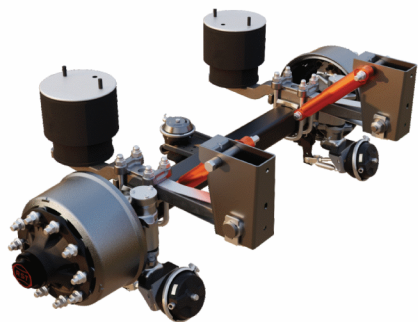
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Bracket(mm)	ST	FH
255	130	35	83	87	300	285	—	268	375
					325	310	50		400
					355	340	100		430

Axle Dimensional Drawing

Modulk Disk
Brake Axle Type B





Axle:
Self Steering Modul
Drum Brake Axle Type B

Axle Code
256

Technical Specifications Table of the Axle

Product code	Axle Load	Brake system	LBM	GM	BM	FM	SP	ØH/K	Tyres Recommended
-----	9000-12000kg	Drum Brake Ø420	1345	1375	820	980	2040	280/335	285/65 R 22.5
-----			1395	1430	870	1030	2095	10Bolts M22 x1.5	

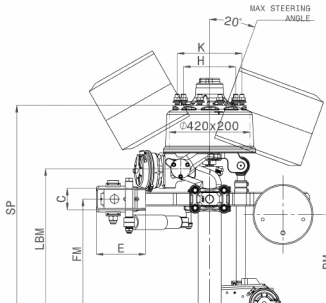
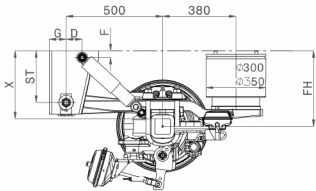
Suspension System Specifications

E	C	F	D	G	Empty without air X(mm)	Loaded without air X(mm)	Air Spring Braket(mm)	ST	FH
255	130	35	83	87	285	270	—	268	365
					315	300	50		395

Axle Dimensional Drawing

Self Steering Modul Drum Brake Axle Type B

← DIRECTION OF TRAVEL





RST PURCHASING AUTOMOTIVE

MASLAK MAH TASYONCASI SK T4 APT
NO 1U B57/SARIYER/ISTANBUL/ Türkiye