



Junior
GAS SPRING



TRUCK CATALOGUE

Junior Gas Spring

Gas Springs

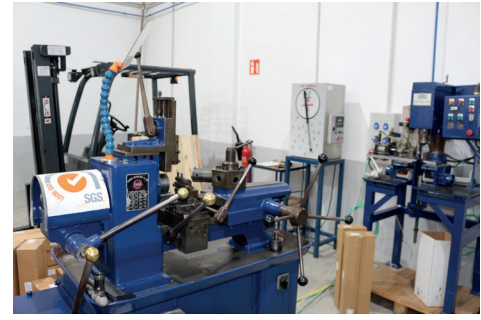
Resortes
Neumáticos

Verins

Molle a Gas

Gasfeder

Amortecedores
da mala



Certificate ES10/8319

The management system of

JUNIOR DERQUI, S.L.
(JUNIOR GAS SPRING)

Complejo Ideal, Pol. Ind. Alcalá 10, C/ 2, Nave 2
41500 Alcalá de Guadaíra (Sevilla)

has been assessed and certified as meeting the requirements of

ISO 9001:2015
For the following activities

Gas springs manufacturing and distribution for automotive and furniture uses.

in/ from the following sites
Complejo Ideal, Pol. Ind. Alcalá 10, C/ 2, Nave 2 - 41500 Alcalá de Guadaíra (Sevilla)

This certificate is valid from
14 June 2019 until 14 June 2022.
Issue 6. Certified with SGS since June 2010.

Authorized by


Certification Management

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THE COMPANY

JUNIOR GAS SPRING (JUNIOR DERQUI S.L.U.) was founded in 2002 and has been consolidated throughout these 20 years of experience in the national and international market to which it supplies gas springs to OE producers for bus, furniture and industrial sector.

Currently, Junior Gas Spring has the capacity to produce 300,000 springs per year tailored to its customers and with no minimum quantity per order, thanks to a patented system by which with only 85 references they can provide service for the equivalent of a stock of 1,421 passenger cars.

The company, has been following the ISO 9001:2015 quality management system since 2009 without any non conformity, and uses management systems such as the 5's , lean manufacturing and visual management. As a result of the innovations that the company has been introducing throughout these years of evolution, today it has an average service rate of 99.5% (order fill rate) in 24 hours, (Iberian Peninsula) in its orders, agility that it achieves thanks to the qualified manufacturing team and the sales team, made up of 26 people, of which 18 are sales agents distributed in Spain, Portugal, England and France.

The weekly review of the business parameters is a work guideline that the company has followed since its inception, as it has been applying in all its processes.

The key of our successful evolution consists in having unloaded stock that is customized at the last moment. For this we use control systems where we obtain the traceability of the product both in the manufacture and in the expedition”.

Junior Gas Spring is one of the very few manufacturers in Europe dedicated mainly to automotive spare parts and has several patents for gas springs.

The company has been awarded by the CEA (Andalusian entrepreneur’s organization) for its industrial excellence , also the Red Cross for its social commitment and the IIST (Instituto Internacional San Telmo Business school) .

The company follows an environmental policy using a patented system of retractable sleeves instead of painting and recycling 100% of the waste.

1. A Gas Spring is filled with oil and highly pressurized gas. Therefore, do not try to open or drill into a Gas spring.
2. JUNIOR Gas Springs should be installed with the rod end downward.
3. First, check and compare design, length and mountings before installing the new gas spring.
4. Remember that it is the gas springs that holds the bonnet and rear hatch.
5. To avoid injuries of any kind, ensure a secure fastening of the bonnet or rear hatch when replacing springs.
6. Check mounting points in the body. If they are damaged they should be changed or repaired.
7. We recommend that the springs on the vehicle should be replaced in pairs.
8. On a car that has been extra equipped with blinds or spoilers for example. There is a risk that the rear hatch may be too heavy for gas spring designed with the original elevating power.
9. Gas Springs are design to bear axial loads only. Consequently any side load forces should be avoided. Specifically when Gas Springs are equipped with eyelet end fittings, special attention should be paid to design of connecting shafts in order to provide appropriated clearance (according to each application). As an indication only, we would advise: 0.3 to 0.5 mm clearance on shafts diameter and 0.5 to 1.0 mm clearance on each side of the eyelets.
10. The rod should be protected from particle blasting.
11. Please contact us when Gas Springs have to be working in corrosive environment or outside with the rod in extended position.
12. Make sure to avoid pollution of the rod surface by glue, putty, adhesives, corrosive products, paint, etc...
13. When the cylinder has to be repainted, be careful to protect the rod (solvents should not be used to clean the rod in order to avoid damaging the seal).
14. Protect the rod from blows, shocks, sparks from electric or grinding machines.
15. Never grip the rod with pliers or in a vice without using efficient protective lead, aluminum or copper jaws.
16. Be careful to heating effect of infrared devices (80°C maximum allowed temperature).
17. Operating temperature range : from -30°C to + 80°C Endurance behavior based on 60.000 working cycles test: 15% maximum performance loss. (test actual results will vary according to stroke length and nominal force value).
18. Nominal data are given for 20°C reference temperature. For each step of 3°C, forces variation might be 1%. Check "temperature Vs F1" in "downloads"
19. The self-contained gas (Nitrogen) is a neutral component of the atmosphere. Consequently, gas release is totally safe.
20. The Gas Spring other components, except the oil, are mainly steel so recycling of these components is similar to steel recycling.
21. To avoid pollution, used oil should be collected according to specific industrial waste regulations of each country.

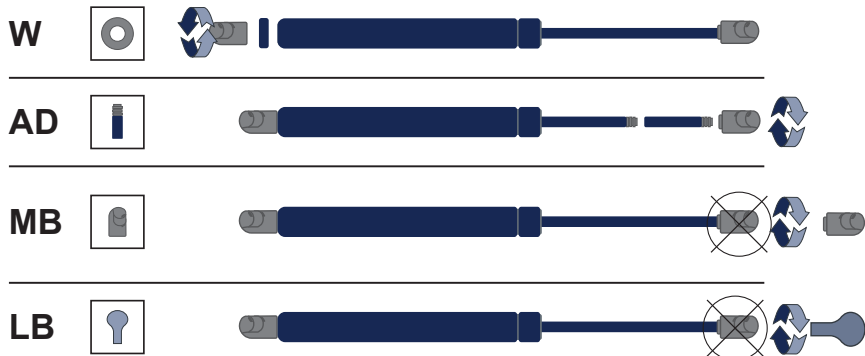
1.



VIDEO TUTORIAL



JB



AGS



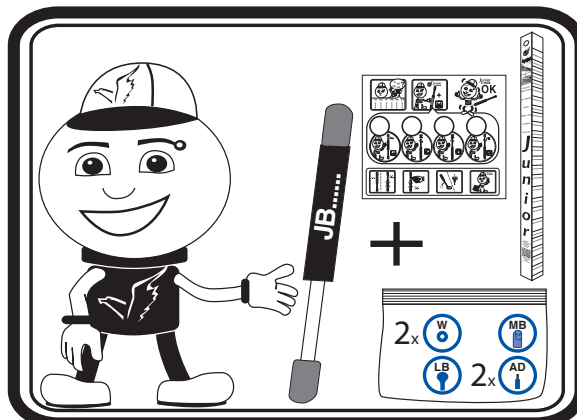
GI



TRUCK CATALOGUE



JUNIOR BOX JB



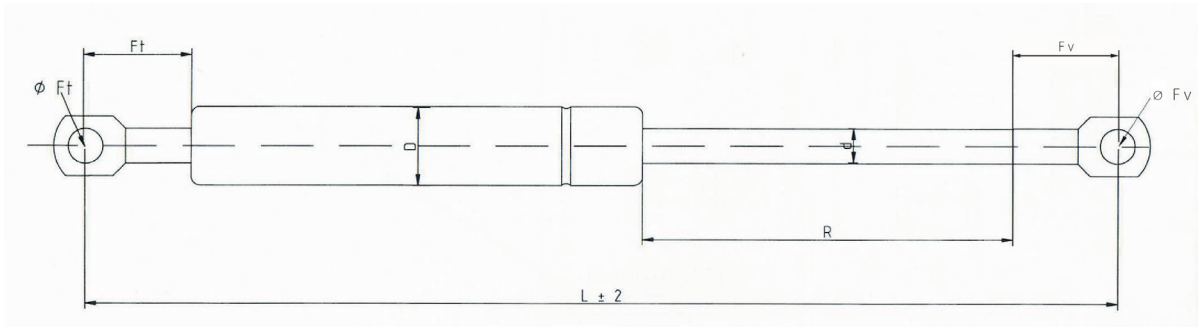
MODEL	APLICATION	YEAR	O.E.	TEC DOC	GENERIC	W	MB	LB	AD	SPECIFIC
DAF										
95	Front cover	09.87-01.98	0 50075	3586	-	-	-	-	-	GH0435302
95 XF	Front cover	01.97-09.02	0 50075	3688	-	-	-	-	-	GH0435302
65 CF	Trunk/ Compartment of load	02.98 - 12.00	1372540	4416	JB650200	-	-	-	2	GH0246704
65 CF	Trunk/ Compartment of load and Front cover	02.98-12.00	0 758296	4416	JB400200	1	1	-	-	GH0204054
65	Trunk/ Compartment of load and Front cover	03.93 - 02.98	0 758296	4421	JB400200	1	1	-	-	GH0204054
75 CF	Front cover	02.98 - 12.00	0 50075	4401	-	-	-	-	-	GH0435302
75 CF	Trunk/ Compartment of load	02.98-12.00	1372540	4401	JB650200	-	-	-	2	GH0246704
75 CF	Trunk/ Compartment of load and Front cover	02.98-12.00	0 758296	4401	JB400200	1	1	-	-	GH0204054
85CF	Front cover	02.98 - 12.00	0 50075	3766	-	-	-	-	-	GH0435302
85CF	Trunk/ Compartment of load	02.98-12.00	1372540	3766	JB650200	-	-	-	2	GH0246704
85CF	Trunk/ Compartment of load and Front cover	02.98-12.00	0 758296	3766	JB400200	1	1	-	-	GH0204054
85	Trunk/ Compartment of load and Front cover	07.92 - 02.98	0 758296	3733	JB400200	1	1	-	-	GH0204054
95	Front cover	09.87-09.90	1451195	3586	JB500450	-	-	-	-	GH0405004
95 XF	Front cover	01.97 - 09.02	1451195	3688	JB500450	-	-	-	-	GH0405004
CF 65	Trunk/ Compartment of load	01.01-05.13	1372540	7215	JB650200	-	-	-	2	GH0246704
CF 65	Trunk/ Compartment of load and Front cover	01.01-05.13	0 758296	7215	JB400200	1	1	-	-	GH0204054
CF 65	Trunk/ Compartment of load	01.01-05.13	1296632	7215	JB475350	-	-	-	1	GH0304854
CF 75	Trunk/ Compartment of load	01.01-05.13	1372540	7218	JB650200	-	-	-	2	GH0246704
CF 75	Trunk/ Compartment of load and Front cover	01.01 - 05.13	0 758296	7218	JB400200	1	1	-	-	GH0204054
CF75	Trunk/ Compartment of load	01.01 - 05.13	1296632	7218	JB475350	-	-	-	1	GH0304854
CF 85	Trunk/ Compartment of load	01.01-05.13	1372540	7237	JB650200	-	-	-	2	GH0246704
CF 85	Trunk/ Compartment of load and Front cover	01.01 - 05.13	0 758296	7237	JB400200	1	1	-	-	GH0204054
CF 85	Trunk/ Compartment of load	01.01 - 05.13	1296632	7237	JB475350	-	-	-	1	GH0304854
LF 45	Front cover	12.05-	0 50075	9706	-	-	-	-	-	GH0435302
LF 45	Trunk/ Compartment of load	12.05 -	1400705	9706	JB600200	1	-	-	1	GH0216154
LF 55	Trunk/ Compartment of load	05.06 -	1400705	10994	JB600200	1	-	-	1	GH0216154
XF	Front cover	09.02 - 12.06	1451195	7206	JB500450	-	-	-	-	GH0405004
XF	Trunk/ Compartment of load	09.02 - 12.06	1296632	7206	JB475350	-	-	-	1	GH0304854

MODEL	APLICACION	YEAR	O.E.	TEC DOC	GENERIC	W	MB	LB	AD	SPECIFIC
IVECO										
EuroTech MT	Trunk/ Compartment of load	01.92 - 12.96	98476371	1926	-	-	-	-	-	GJ0217601
EuroTech MP	Trunk/ Compartment of load	01.92-12.93	98476371	1966	-	-	-	-	-	GJ0217601
EuroTrakker	Trunk/ Compartment of load	01.93 - 11.04	98476371	2166	-	-	-	-	-	GJ0217601
EuroTech MH	Trunk/ Compartment of load	09.98 -	98476371	2286	-	-	-	-	-	GJ0217601
RENAULT										
Premium Route	Hood	04.96 -	5010225922	3946	-	-	-	-	-	GH0356351
Premium Route	Hood	04.96 -	5010353703	3946	-	-	-	-	-	GH0206351
Premium Route	Hood	04.96 -	5010468003	3946	J8600200	1	-	-	1	GH0236154
Premium Route	Trunk/ Compartment of load	04.96 -	5010353702	3946	-	-	-	-	-	GH0356601
Kerax	Hood	06.97 -	5010353703	4087	-	-	-	-	-	GH0206351
Kerax	Hood	06.97 -	5010468003	4087	J8600200	1	-	-	1	GH0236154
Kerax	Trunk/ Compartment of load	06.97 -	5010353702	4087	-	-	-	-	-	GH0356601
Midlum	Front cover	01.00 -	5010468464	6372	-	-	-	-	-	GJ0257054
R R	Trunk/ Compartment of load	10.80 - 03.89	5010093384	6519	-	-	-	-	-	GJ0466901
Premium 2 Distribution	Hood	10.05 -	5010578586	8571	J8625450	1	1	-	-	GH0406304
MERCEDES										
MK	Engine hood	07.89 - 08.94	000 9809064	457	-	-	-	-	-	GJ0227754
SK	Engine hood	07.87 - 09.96	000 9809064	563	-	-	-	-	-	GJ0227754
O 303	Hood	01.80 - 09.92	000 9801064	2049	J8525450	2	-	-	1	GH0495384
O 303	Trunk/ Compartment of load	01.80 - 09.92	000 7503080	2049	J8525350	-	-	-	1	
O 402	Hood	02.86 - 12.81	000 9807064	2072	J8525450	2	-	-	1	GH0495384
O 402	Hood	02.86 - 12.81	000 9801064	2072	J8525450	2	-	-	1	GH0495384
O 405	Hood	12.84 -	000 9804864	2229	J8525350	-	-	-	1	-
O 405	Hood	12.84 -	000 7502980	2229	J8525200	-	-	-	1	-
O 405	Trunk/ Compartment of load	12.84 -	000 7503180	2229	J8525450	1	-	-	1	GH0495404
O 407	Trunk/ Compartment of load	03.87 - 11.01	000 9806964	2236	J8525450	1	-	-	1	GH0495404
AXOR	Trunk/ Compartment of load	01.02 - 10.04	000 7500336	6986	-	-	-	-	-	GH0155824
AXOR	Front cover	01.02 - 10.04	000 9881501	6986	-	-	-	-	-	GH0125154
TRAVEGO (O 580)	Trunk/ Compartment of load	10.99 -	6297500936	7000	-	-	-	-	-	GH0525803
TRAVEGO (O 580)	Trunk/ Compartment of load	10.99 -	6297500836	7000	-	-	-	-	-	GH0072681
TRAVEGO (O 580)	Trunk/ Compartment of load	10.99 -	6297500236	7000	-	-	-	-	-	GJ0327503
TRAVEGO (O 580)	Trunk/ Compartment of load	10.99 -	6297500536	7000	-	-	-	-	-	GJ0527503
TRAVEGO (O 580)	Trunk/ Compartment of load	10.99 -	6297500636	7000	J8475650	-	-	-	1	GH0604854
CITARO (O 530)	Hood	04.00 -	000 7502980	7873	J8525200	-	-	-	1	-
NG	Engine hood	07.88 - 08.94	000 9809064	7969	-	-	-	-	-	GJ0227754
INTEGRO (O 550)	Trunk/ Compartment of load	01.06 -	6297500936	13261	-	-	-	-	-	GH0525803
INTEGRO (O 550)	Engine hood	01.06 -	00 29801564	13261	-	-	-	-	-	GJ0506854
INTOURO	Trunk/ Compartment of load	01.05-	6297500936	13293	-	-	-	-	-	GH0525803
INTOURO	Trunk/ Compartment of load	01.05-	A6297500936	13293	-	-	-	-	-	GH0525803
INTOURO	Engine hood	01.05 -	00 29801564	13293	-	-	-	-	-	GJ0506854
TOURISMO (O 350)	Trunk/ Compartment of load	01.03 -	6297501236	13313	-	-	-	-	-	GJ0805854
TOURISMO (O 350)	Trunk/ Compartment of load	01.03 -	A6297500236	13313	-	-	-	-	-	GJ0327503
TOURISMO (O 350)	Trunk/ Compartment of load	01.03 -	A6297500336	13313	-	-	-	-	-	GJ0427503
TOURISMO (O 350)	Trunk/ Compartment of load	01.03 -	A6297500536	13313	-	-	-	-	-	GJ0527503
TOURISMO (O 350)	Trunk/ Compartment of load	01.03 -	A6297500736	13313	J8575650	-	-	-	1	GJ0705854
TOURISMO (O 350)	Engine hood	01.03 -	00 29801564	13313	-	-	-	-	-	GJ0506854
MAN										
M 90	Trunk/ Compartment of load	12.88 - 05.94	81748210104	1041	J8300200	1	-	-	1	GH0253154
M 2000 M	Front cover	08.95 - 12.05	81748210109	1339	-	-	-	-	-	GS28003
M 2000 M	Trunk/ Compartment of load	08.95 - 12.05	81748210104	1339	J8300200	1	-	-	1	GH0253154
F 2000	Front cover	03.00 -	81748210109	1366	-	-	-	-	-	GS28003

MODEL	APLICACION	YEAR	O.E.	TEC DOC	GENERIC	W	MB	LB	AD	SPECIFIC
MAN										
F 2000	Front cover	03.00 -	81748210131	1366	-	-	-	-	-	GS28056
F 2000	Trunk/ Compartment of load and Bunk	03.00 -	81748210108	1366	-	-	-	-	-	GH0602901
F 90	Front cover	01.88 - 01.89	81748210109	1749	-	-	-	-	-	GS28003
F 90	Trunk/ Compartment of load and Bunk	01.88 - 01.89	81748210108	1749	-	-	-	-	-	GH0602901
F 90	Trunk/ Compartment of load	01.88 - 01.89	81748210104	1749	JB300200	1	-	-	1	GH0253154
NÜ	Trunk/ Compartment of load	07.88 -	81748210104	2916	JB300200	1	-	-	1	GH0253154
NG	Trunk/ Compartment of load	07.88 -	81748210104	2932	JB300200	1	-	-	1	GH0253154
NL	Trunk/ Compartment of load	08.92 -	81748210104	2936	JB300200	1	-	-	1	GH0253154
TGA	Trunk/ Compartment of load and Front cover	04.00 -	81970060003	6739	-	-	-	-	-	GJ0157854
TGA	Front cover	04.00 -	81970060036	6739	-	-	-	-	-	GJ0166854
TGA	Front cover	04.00 -	81611400016	6739	-	-	-	-	-	GJ0206854
TGA	Trunk/ Compartment of load	04.00 -	81970060010	6739	-	-	-	-	-	GH0051851
TGA	Bunk	04.00 -	81748210141	6739	JB275450	1	-	-	-	GH0402764
TGA	Bunk	04.00 -	81748210140	6739	JB325450	-	-	-	2	GH0453454
TGL	Trunk/ Compartment of load and Front cover	04.05 -	81970060003	8086	-	-	-	-	-	GJ0157854
TGL	Front cover	04.05 -	81970060036	8086	-	-	-	-	-	GJ0166854
TGL	Bunk	04.05 -	81748210141	8086	JB275450	1	-	-	-	GH0402764
TGM	Trunk/ Compartment of load and Front cover	10.05 -	81970060003	8132	-	-	-	-	-	GJ0157854
TGM	Front cover	10.05 -	81970060036	8132	-	-	-	-	-	GJ0166854
TGM	Trunk/ Compartment of load	10.05 -	81970060010	8132	-	-	-	-	-	GH0051851
TGM	Bunk	10.05 -	81748210141	8132	JB275450	1	-	-	-	GH0402764
TGX	Trunk/ Compartment of load	10.07 -	81970060010	9219	-	-	-	-	-	GH0051851
TGX	Bunk	10.07 -	81748210141	9219	JB275450	1	-	-	-	GH0402764
TGX	Bunk	10.07 -	81748210140	9219	JB325450	-	-	-	2	GH0453454
TGS	Trunk/ Compartment of load and Front cover	10.07 -	81970060003	9287	-	-	-	-	-	GJ0157854
TGS	Front cover	10.07 -	81970060036	9287	-	-	-	-	-	GJ0166854
TGS	Trunk/ Compartment of load	10.07 -	81970060010	9287	-	-	-	-	-	GH0051851
TGS	Bunk	10.07 -	81748210141	9287	JB275450	1	-	-	-	GH0402764
E 2000	Front cover	03.01 -	81748210109	11627	-	-	-	-	-	GS28003
E 2000	Front cover	03.01 -	81748210131	11627	-	-	-	-	-	GS28056
SCANIA										
4 - series	Running board	12.96 -	1374642	4531	-	-	-	-	-	GH0101954
4 - series	Engine hood	12.96 -	1517890	4531	JB475200	1	-	-	1	GH0254864
VOLVO										
FH 16	Trunk/ Compartment of load	01.09 -	20895863	1058	JB375200	1	-	1	1	GH0171934
FMX	Front cover	04.10 -	20379349	1776	JB625200	-	-	1	-	GH0196324
FM 12	Trunk/ Compartment of load	08.98 - 09.05	8191439	3352	JB625200	2	-	-	1	GH0206384
FH 12	Trunk/ Compartment of load	08.93 -	20895863	3370	JB375200	1	-	1	1	GH0171934
FH 12	Front cover	08.93 -	1619106	3370	-	-	-	-	-	GH0155134
FH 12	Front cover	08.93 -	20379348	3370	JB625350	-	-	1	-	GH0376324
FM 7	Trunk/ Compartment of load	08.98 - 12.01	8191439	3470	JB625200	2	-	-	1	GH0206384
FL 7	Front cover	09.95 - 09.98	1611159	3846	-	-	-	-	-	GJ0557851
FL 10	Front cover	12.95 - 09.98	1611159	3886	-	-	-	-	-	GJ0557851
FL 12	Front cover	09.95 - 09.98	1611159	3926	-	-	-	-	-	GJ0557851
F 16	Front cover	01.88 - 12.89	1611159	4331	-	-	-	-	-	GJ0557851
NH 12	Trunk/ Compartment of load	05.99 -	3981920	6843	JB375200	1	-	1	1	GH0173934
FM 10	Trunk/ Compartment of load	04.99 - 12.01	8191439	6846	JB625200	2	-	-	1	GH0206384
FM 9	Front cover	12.01 - 09.05	20379349	7307	JB625200	-	-	1	-	GH0196324
FH	Trunk/ Compartment of load	09.05 -	20895863	9031	JB375200	1	-	1	1	GH0171934
FH	Front cover	09.05 -	20379348	9031	JB625350	-	-	1	-	GH0376324

MODEL	APLICACION	YEAR	O. E.	TEC DOC	GENERIC	W	MB	LB	AD	SPECIFIC
VOLVO										
FM	Front cover	09.05 -	20379348	9641	JB625350	-	-	1	-	GN0376324
FM	Front cover	09.05 -	20379349	9641	JB625200	-	-	1	-	GN0196324
FMX	Front cover	04.10 -	20379348	13481	JB625350	-	-	1	-	GN0376324
FMX	Front cover	04.10 -	20379349	13481	JB625200	-	-	1	-	GN0196324
FR II	Trunk/ Compartment of load	05.12 -	20895863	17399	JB375200	1	-	1	1	GN0171934
FR II	Front cover	05.12 -	20379348	17399	JB625350	-	-	1	-	GN0376324
FMX II	Front cover	04.12 -	20379348	19493	JB625350	-	-	1	-	GN0376324
FMX II	Front cover	04.12 -	20379349	19493	JB625200	-	-	1	-	GN0196324
FL 7	Front cover	09.85 - 09.98	1611159	20618	-	-	-	-	-	6J0557851
FL 10	Front cover	12.95 - 09.98	1611159	20621	-	-	-	-	-	6J0557851


TECHNICAL DRAWING EYELET





L	Length Extended	Longitud extendida entre centros	mm
R	Stroke	Recorrido	mm
F1	Force	Fuerza del resorte	Newtons
D	Tube Diameter	Diámetro Tubo	mm
d	Rod Diameter	Diámetro Vástago	mm
Ft	Tube Fit End	Fijación Tubo	mm
Fv	Rod Fit End	Fijación Vástago	mm
Ø Ft	Tube Fit End Diameter	Diámetro de fijación tubo	mm
Ø Fv	Rod Fit End Diameter	Diámetro de fijación vástago	mm
Mt	Tube Metric Fit End	Métrica de fijación al tubo	mm
Mv	Rod Metric Fit End	Métrica de fijación al vástago	mm
	Quantity	CANTIDAD	

Client's Signature



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Junior
GAS SPRING

less stock, more service

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N37°21.920' W5°52.70'

GAS SPRING

