

Abnahmezeugnis 3.1 EN 10204 (Test certificate: / Certificat:)



Linamar Plattenberg GmbH, Postfach 1520, D-58815 Plattenberg

Company
Magna PT S.p.A.
Via dei Ciclamini, 4
Zona Industriale
I-70026 Modugno

Artikel ZAHNRAD 2.GANG
(Part name: / Désignation pièce)
Kd.-Zg.-Nr. 251.1.1.224.90
(customer part number / No. du plan client)
Kd.-Auftr.-Nr. 30005431
(order no. / No. De commandé)

Schmelzen-Nr. 273264
(heat number / No. de Coulee)
Werkstoff 20MNCRS5
(steel grade / Qualité)

Stahlersteller Georgsmarienhütte GmbH

Lieferspezifikation GCG_805000_02
(technical specification / Spécification de livraison)

HBS-Teile.-Nr. 035541-900
(HBS-Part number: / N° du plan HBS)
Änderungsindex a
(draw. notific. index / indice du plan)
Lieferschein-Nr. 81193120/000010
(shipping advice no. / Bulletin de livraison)

Schmelzen-Knz. (heat code / Repère de Coulee)
Herstellprozess E/VAK.
(process flow / Procédé fabrication)

Auftrag 1047947
(order no./ordre no.)
SAP UC-Material G016476X10
(SAP UC-material/SAP UC-matériau)
Lieferdatum 04/16/2024
(shipping date / Date de livraison)

Gießformat 245X245
(casting dim. / Dimension coulee)
Lieferzustand +FP Glühen isotherma
(delivery condition / Etat de livraison)

Rohmat.-abm. 55 Rund
(raw material dim. / Barre diamètre)
Umformgrad 25:1
(Diameter / diamètre)

Stückzahl 4,770
(quantity / Quantité)

Schmelzeanalyse (cast analysis / Analyse de coulée)

%C	%Si	%Mn	%P	%S	%Cr	%Mo	%Ni	%Cu	%Sn	%Al	%V	%B	%Ti	%Nb	%W	%Co	%Sb	%As	%Pb	%Te	%Ca	%N	ppm H	ppm O
0.2000	0.0900	1.2400	0.0120	0.0250	1.1800	0.0500	0.1700	0.1400	0.0070	0.0330	0.0060	0.0002	0.0010	0.0100	0.0000	0.0000	0.0010	0.0060	0.0001	0.0000	0.0010	0.0110	2.2000	7.0000

Härbarkeit (hardness / valeurs de trempabilité)

mm	1	1.5	2	3	4	5	6	7	8	9	10	11	13	15	20	25	30	35	40	45	50			
HRC	0.00	45.50	0.00	44.60	0.00	43.40	0.00	40.20	0.00	36.90	0.00	34.80	32.90	31.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Fdyn	0.00	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
							DI-Wert (DI value / diamètre idéal)																	

Metallographische Prüfungen (metallographical test / Examens métallographiques)

Gefüge (part name / Désignation pièce)	FERRIT - PERLIT	Randentkohlung (decarburation / Décarburation)	0.000
Korngröße (grain size / grosseur de grain)	Prim. 5	Sek. 9	10

Mechanische Eigenschaften (mechanical properties / propriétés mécaniques)

RM (N/mm ²)	0.00	-	0.00
Rp0.2(N/mm ²)	0.00	-	0.00

Oberflächenhärte (surface hardness / dureté superficiele)

Vorschrift (specification / Spécification)	152.0	0	201.0	HBW
Ergebnis (result / Résultat)	157.0	-	173.0	HBW

A1(%)	0.00	-	0.00
Z1(%)	0.00	-	0.00

Kernhärte (core hardness / dureté centre)

Vorschrift (specification / Spécification)	0.00	-	0.00
Ergebnis (result / Résultat)	0.00	-	0.00

Einsatzhärtungstiefe (case hardening depth / cémentation gravité)

Av(J)	0.00	-	0.00
bei T(°C)	0.00	-	0.00

Vorschrift (specification / Spécification)	0.00	-	0.00
Ergebnis (result / Résultat)	0.00	-	0.00

Reinheitsgrad (degree of purity / Degré de Pureté)	K3(O)=0
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Datum
(date / Date)

04/19/2024

Maschinell erstellt, daher gültig ohne Unterschrift /

Computer generated, valid without signature / Délivré par ordinateur sans

Abnahmebeauftragter / Inspector
WT - i. A. Dillmann, Johannes

1) Sender/vendor Linamar Plettenberg GmbH Daimlerstr. 11 58840 Plettenberg VAT Id-No.: DE123840478 EKAER-Nr.:		2) Vendor-no. 91001108		3) Freight order number	
5) Loading point 0100 / Linamar Pltbg GmbH LSF LC		8) Shipment number 118261		4) Sender number at the forwarding agent	
11) Recipient Company Magna PT S.p.A. Via dei Ciclamini, 4 Zona Industriale I-70026 MODUGNO VAT Id-No.: ITO4886850728		12) Customer Number 14550700		<h1 style="text-align: center;">Freight Order</h1>	
14) Delivery / unloading point 100-14248 100-14248 100-14248 100-14248 100-14248		15) Sender's comment for the forwarding agent		6) Date 19.04.2024 7) Relation number	
18) Delivery note no.		19) Number		20) Packaging	
0081190879		4		TBA-500256	
0081192013		2		TBA-500256	
0081192023		4		TBA-500256	
0081192024		3		TBA-500256	
0081193114		1		TBA-500256	
0081193116		3		TBA-500256	
0081193120		9		TBA-500256	
Total		26			
22) Contents		23) Tara weight in KG		24) Gross weight in KG	
SCHALTRAD 4.GANG		342		3.565	
SCHALTRAD 6.GANG		173		1.893	
SCHALTRAD 5.GANG		342		3.047	
SCHALTRAD 4.GANG		258		2.497	
SCHALTRAD 7.GANG		86		965	
SCHALTRAD 6.GANG		256		2.386	
ZAHNRAD 2.GANG		774		8.404	
		2.231 KG		22.757 KG	
31) Del. term FCA Plettenberg		32) Value of goods 45.322,72 EUR		33) kind of goods A	
35) Enclosures		36) Order number, customer		34) Sender cash on delivery	
		38) Means of transport number			
		39) Truck code LBSC2440			
		40) Shipping type Truck Company			
43) Confirmation of receipt by the driver Above delivery received completely, intact and stainless. The load was secured according to §22 StVO. Ich versichere die Ware ins Gemeinschaftsgebiet zu verbringen.		42) Acknowledgement of receipt from ship-to party Above delivery received completely and intact.			
Date		Truck signature		Name	
				Signature	
				Company stamp / signature	
45) The general German carrier conditions apply (ADSp); Area of jurisdiction is the company headquarters of the dispatch		44) The delivery contains Euro skids Euro wire pal conv		Of which were swapped Euro skids Euro wire pal conv	
				46) Für die Ablage	

