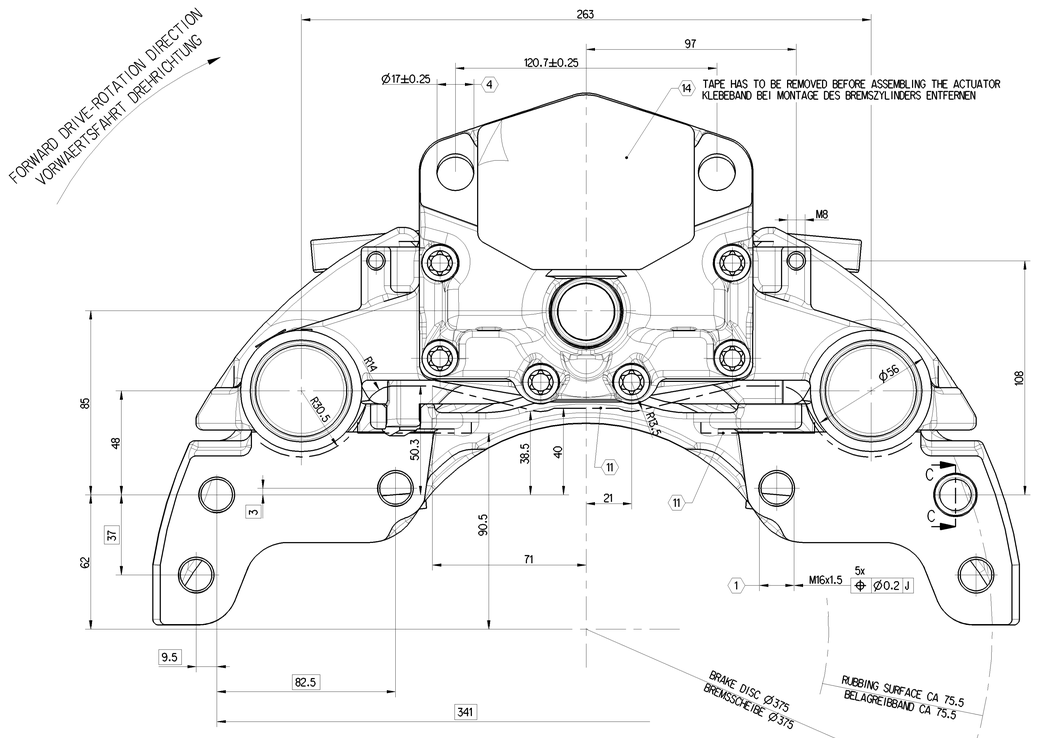
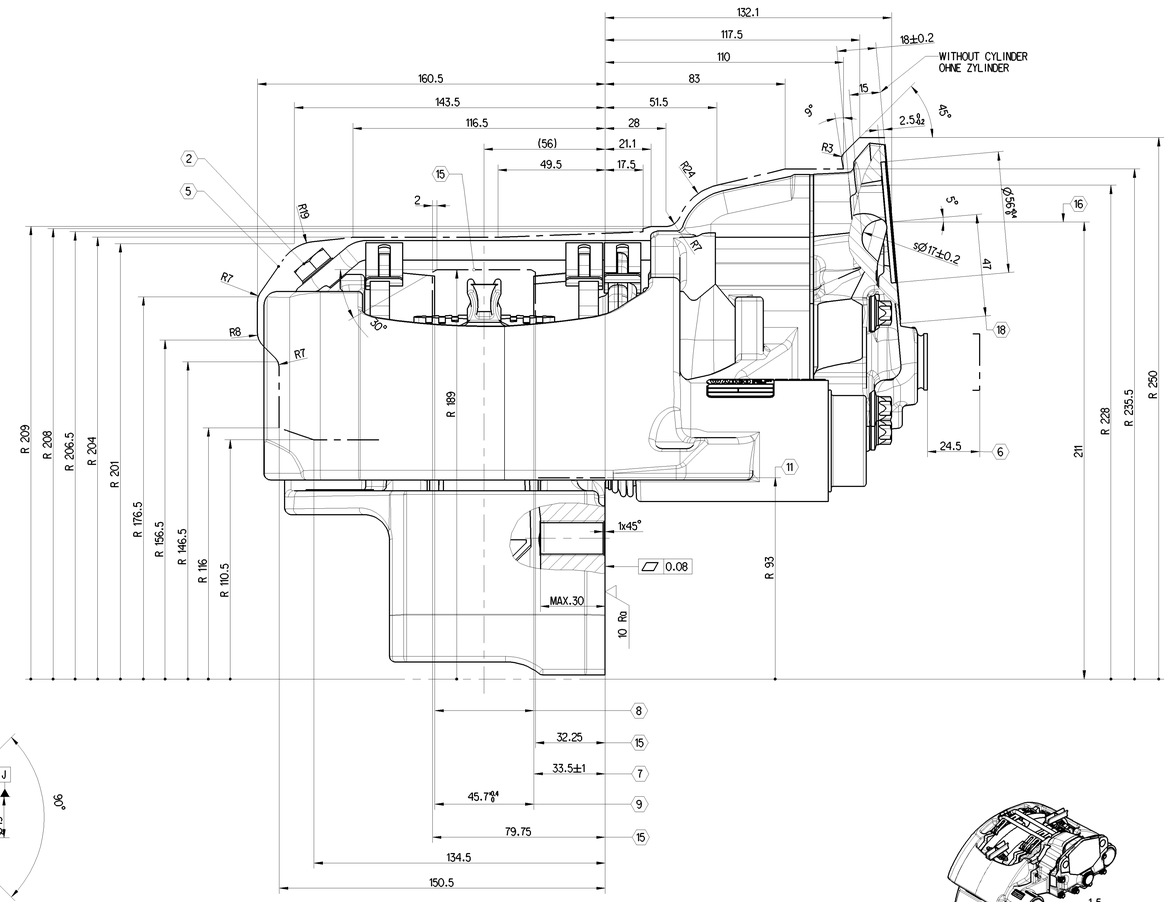
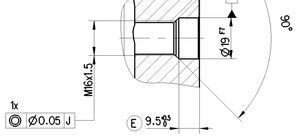
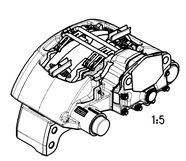
E SAFETY CHARACTERISTICS 0
E SIGNIFICANT CHARACTERISTICS 8

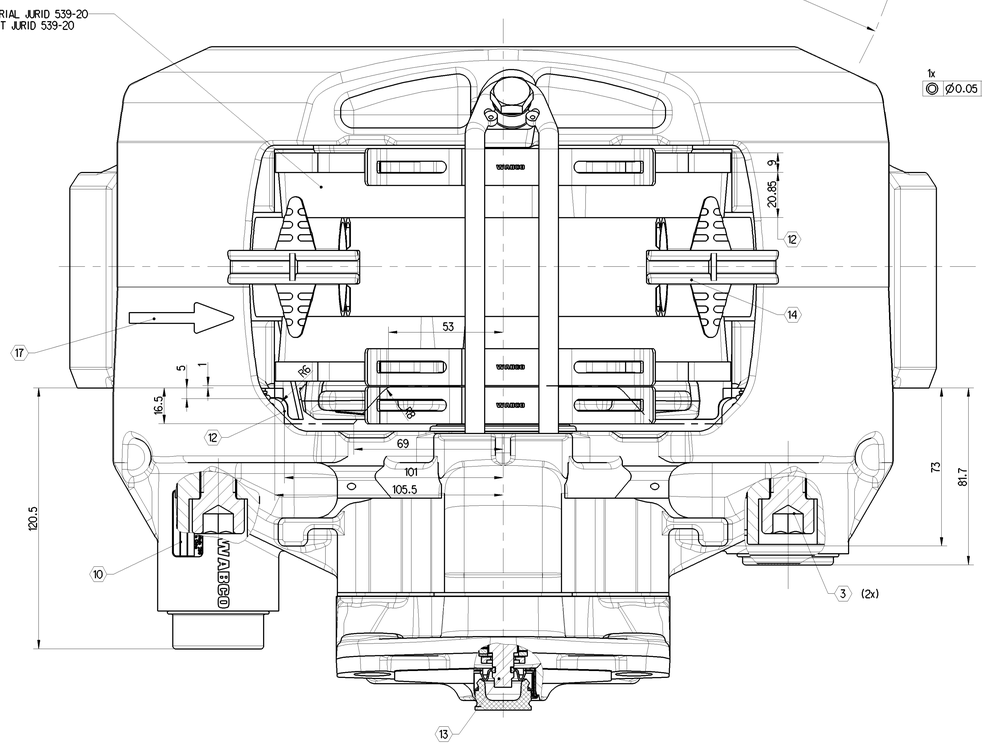








E FRICTION MATERIAL JURID 539-20
BELAGQUALITAET JURID 539-20



		TIGHTENING TORQUE ANZIEHDREHMOMENT	WIDTH OVER FLATS SW	NOTE BEMERKUNG	
E	1	290 ± 20 Nm (FOR CUSTOMER INFORMATION)	24 DIN 961 23 ISO 8676	BRAKE MOUNTING HEXAGON SCREW, OILED M16 X 1.5 X ... - 10.9	BREMSENBEFESTIGUNG SECHSKANTSCHRAUBE, GEOELT M16 X 1.5 X ... - 10.9
E◇	2	30 + 15 Nm	17	PAD HOLD DOWN DEVICE DIN 933 - M10X20 - 8.8 MICROENCAPSULATED	BUEGELBEFESTIGUNG DIN 933 - M10X20 - 8.8 MIKROVERKAPSELT
E◇	3	340 ± 20 Nm	14	TIGHTENING ORDER 1. LONG BOLT DIN 912-M16x1.5x60-12.9 2. SHORT BOLT	ANZIEHREIHENFOLGE 1. BOLZEN LANG DIN 912-M16x1.5x60-12.9 2. BOLZEN KURZ
E	4	210 -30 Nm (FOR CUSTOMER INFORMATION)	24	OPERATION CYLINDER M16X1.5	BETAETIGUNGSZYLINDER M16X1.5

E◇ 5 MAX. STATICAL ROTARY OUTLINE
MAXIMALE STATISCHE ROTATIONSKONTUR

E◇ 6 MAX. DISPLACEMENT
MAXIMALE VERSCHIEBUNG

7 FITTING DIMENSION OF THE DISC
SCHEIBENEINBAUMASS

8 BRAKE DISC NEW 45-0.2, WEARABLE UP TO 37
BREMSSCHEIBE NEU 45-0.2, VERSCHLEISSBAR BIS 37

E◇ 9 ASSEMBLY DIMENSION FOR BRAKE PADS
EINBAUMASS FUER BREMSBELAEGE

10 DETAILED INFORMATION FOR MARKING SEE 640 175 060 0 DOC. CODE 922
DETAILLIERTE INFORMATIONEN ZUR KENNZEICHNUNG SIEHE 640 175 060 0 DOC. CODE 922

11 ENVELOPE CIRCLE CALIPER WITH COVER
HUELLKURVE BREMSSATTEL MIT DECKEL

12 REMAINING LINING THICKNESS 2
RESTBELAGSTAERKE 2

13 HEXAGON WIDTH OVER FLATS 8 mm
SECHSKANT SW 8

14 FOR STORAGE AND SHIPMENT
FUER TRANSPORT UND LAGERUNG

E◇ 15 MAXIMUM DISC CLEARANCE
SCHEIBENFREIGANG

16 CENTER LINE CYLINDER
MITTE ZYLINDER

E◇ 17 FORWARD DRIVE - ROTATION DIRECTION
VORWAERTS DREHRICHTUNG

18 BRAKE ACTUATOR SIZE RESTRICTION SEE PRODUCT SPECIFICATION
640 195 000 0 MAX. ACTUATOR TYPE 24
ZYLINDERAMSCHLUSSMASSE NACH PRODUKT SPEZIFIKATION
640 195 000 0 MAX. ZYLINDER TYP 24

640 195 110 0		MIRROR IMAGE SPIEGELBILD
640 195 109 0		AS SHOWN WIE GEZEICHNET
IDENT-NO. BRAKE MATERIAL-NR. BREMSE	CUSTOMER NO. KUNDENNUMMER	BRAKE TYPE AUSFUEHRUNG BREMSE

PRODUKT-SPEZIFIKATION 640 195 000 0
PRODUCT-SPECIFICATION 640 195 000 0

PAN 19-1

DIMENSIONS WITHOUT TOLERANCES ARE GAUGE DIMENSIONS
NICHT TOLERIERTE MASSE = LEHRENMASSE

COATING
ANTI-CORROSION PROTECTION - SALT SPRAY TEST MIN. 96 HOURS
BESCHICHTUNG
KORROSIONSSCHUTZ-SALZSPRUEHNEBELPRUEF. MIN. 96 STD.

General Specifications JED-354-1 , Size 150 14405 LP
Further Technical Data-
Doc. Code- Sheet- To
General Tolerances JED-261

Class 1)	Range of Nominal Dimensions (in mm)				
	≥ 0.5 ≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400 ≤ 1000	
Fine	0.5	1.0	1.5	2.0	
Medium	1.0	2.0	3.0	4.0	±3°
Coarse	2.0	3.5	5.0	6.5	

Tapped Holes acc.-
1) Tolerance Class Applied Crossmarked

Copyright WABCO®

WABCO

DISC BRAKE PAN-RANGE LIGHT
SCHEIBENBREMSE PAN-REIHE LEICHT

Date	Drawn	Checked	Approved
2018-01-31	Bharanitharan	2018-03-08	Redemann

Redemann

Mass	Scale	Material No.			Date of first issue
32.479 kg	1 : 1	640 195 109 0			2012-08-23
Size	CAD System	Doc.Code	Language	Sheet	
A 0	CREO	053	ML	1/1	
		ECN-No.	Revision	Techn. Resp.	Replacement for
		171726	12x	E 6921	-

100mm

Tale comunicato su riproduzione e su impiego non autorizzato di esso vietati, salvo autorizzazione espressa. In caso di contravvenzione obbligo al risarcimento dei danni. Tutti i diritti sono riservati in caso di concessione di brevetto o di registrazione di modello di utilità. Ogni utilizzazione contraria alla norma deve essere perseguita per via giudiziaria. Questo documento è di proprietà della società WABCO che ne è l'unica autrice. Esso non può essere né copiato né comunicato a terzi senza il suo previo consenso scritto. Ogni violazione costituisce un illecito civile e penale. Questo documento è di proprietà della società WABCO che ne è l'unica autrice. Esso non può essere né copiato né comunicato a terzi senza il suo previo consenso scritto. Ogni violazione costituisce un illecito civile e penale. Este documento es propiedad de la empresa WABCO, que es la única autora del mismo. Queda prohibida su copia o comunicación a terceros sin su previo consentimiento por escrito. Cualquier infracción será perseguida por la vía civil y penal. Este documento es propiedade da WABCO que é a única autora. Não é permitido copiá-lo, nem o comunicar a terceiros sem o seu prévio consentimento por escrito. Qualquer violação será perseguida civil e penalmente. Este documento é propriedade da WABCO, que é a única autora. Não é permitido copiá-lo, nem o comunicar a terceiros sem o seu prévio consentimento por escrito. Qualquer violação será perseguida civil e penalmente. Dit document is eigendom van WABCO, die de enige auteur is. Het is verboden om het te kopiëren of aan derden bekend te maken zonder voorafgaande schriftelijke toestemming. Elke overtreding zal gerechtelijk vervolgd worden. Dette dokument er ejendom af WABCO, som er den eneste ophavsmand. Det er forbudt at kopiere det eller videregive det til tredjemand uden forudgående skriftlig tilladelse. Enhver overtrædelse vil blive retsforfulgt. Detta dokument är WABCO:s egendom och WABCO är den enda upphovsmannen. Det är förbjudet att kopiera det eller att vidarebefordra det till tredje man utan föregående skriftligt tillstånd. Varje överträdelse kommer att åtalas. Dokumentet tilhører WABCO, som er den eneste opphavsmann. Det er forbudt å kopiere det eller å videreformidle det til tredjemann uten forutgående skriftlig tillatelse. Enhver overtredelse vil bli påtalt. Tämä asiakirja on WABCO:n omaisuutta, ja se on ainoa sen tekijä. Asiakirjan kopioiminen tai luovuttaminen kolmansille osapuolille ilman ennakkolupaa on kielletty. Kaikki rikkomukset saatetaan oikeuden käsiteltäväksi. Το παρόν έγγραφο αποτελεί ιδιοκτησία της WABCO, η οποία είναι και η μοναδική δημιουργός του. Απαγορεύεται η αντιγραφή του ή η κοινοποίησή του σε τρίτους χωρίς προηγούμενη γραπτή συγκατάθεση. Κάθε παράβαση θα διώκεται ποινικά και αστικά.