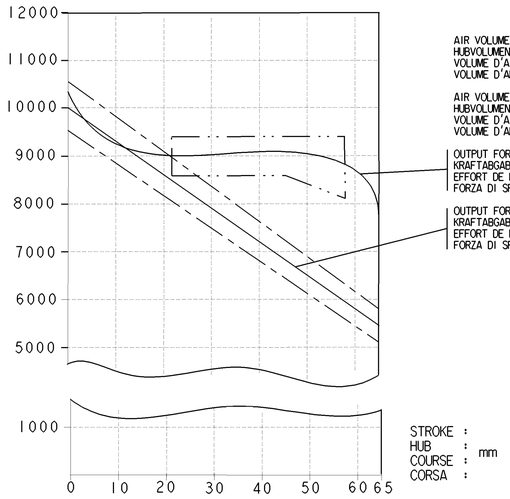
SURFACE PROTECT. OBERFL. SCHUTZ	
I	POWDER COATING JED-240-7
II	Zn JED-256-5
III	PHOSPHATING & OILING JED-371
IV	AL . JED-259
V	RUBBER / PLASTIC

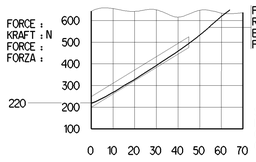
TECHNICAL DATA
TECHNISCHE DATEN

PERFORMANCE CHARACTERISTICS

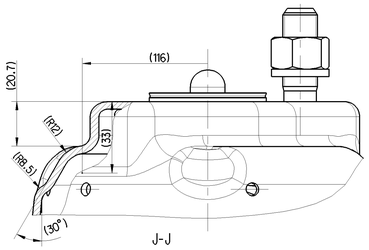


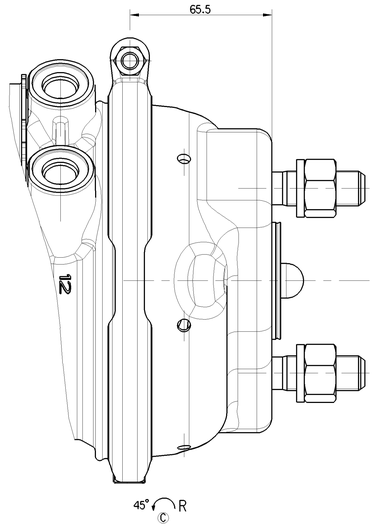
AIR VOLUME OF SERVICE BRAKE PART AT 2/3 OF ITS STORKE HUBVOLUMEN DES BETRIEBSBREMSTEILES BEI 2/3 HUB VOLUME D'AIR DU DISPOSITIF DU FREIN DE SERVICE A 2/3 DE LA COURSE VOLUME D'ARIA DELLA SEZIONE DI FRENO DI SERVIZIO A 2/3 DELLA CORSA	:	ca. 0.80x10³ cm³
AIR VOLUME OF SPRING BRAKE PART HUBVOLUMEN DES FEDERSPEICHERS VOLUME D'AIR DU DISPOSITIF RESSORT VOLUME D'ARIA DELLA SEZIONE A MOLLA	:	ca. 1.675x10³ cm³
OUTPUT FORCE OF SERVICE BRAKE PART AT KRAFTABGABE DES BETRIEBSBRAMSTEILES BEI EFFORT DE POUSSEE DU DISPOSITIF DU FREIN DE SERVICE SOUS FORZA DI SPINTA DELLA SEZIONE DI FRENO DI SERVIZIO PER	:	6.5 bar
OUTPUT FORCE OF SPRING BRAKE PART, RELEASE PRESSURE KRAFTABGABE DES FEDERSPEICHERS, LOESEDRUCK EFFORT DE POUSSEE DU DISPOSITIF RESSORT, PRESSION DE DESSERRAGE FORZA DI SPINTA DELLA SEZIONE A MOLLA, PRESSIONE DI RILASCIO	:	4.9±0.4 bar

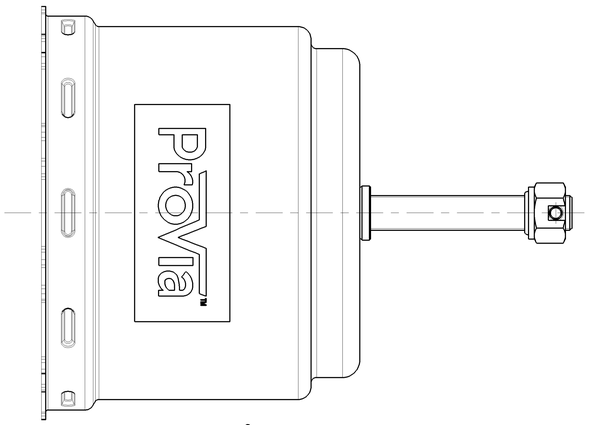
NOMINAL VALUES GIVEN FOR SERVICE SIDE , TOLERANCE BAND AS PER DIN 74060-3
NOMINAL VALUES GIVEN FOR SPRING SIDE , TOLERANCE BAND ±5%

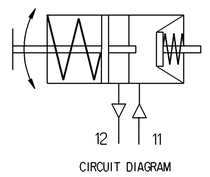


FORCE OF RETURN SPRING OF SERVICE BRAKE PART
RUECKSTELLFEDERKRAFT DES BETRIEBSBREMSTEILES
EFFORT DU RESSORT DE RAPPEL DU DISPOSTIF DU FREIN DE SERVICE
FORZA DELLA MOLLA DI RITORNO DELLA SEZIONE DI FRENO DI SERVIZIO









CIRCUIT DIAGRAM

© MEDIUM : AIR
MEDIUM : LUFT
FLUIDE : AIR
FLUIDO : ARIA

NOMINAL DIAMETER :
NENNWEITE : MIN Ø8.5
DIAMETRE NOMINAL :
DIAMETRO NOMINALE :

SW WIDTH ACROSS FLATS
SCHLUESSELWEITE
SURPLATS
LARGHEZZA IN CHIAVE

THERMAL RANGE OF APPLICATION :
THERMISCHER ANWENDUNGSBEREICH : -40°C...+80°C
GAMME D'APPLICATION THERMIQUE :
CAMPO TERMICO D'APPLICAZIONE :

PORT : SERVICE BRAKING SYSTEM, WORKING PRESSURE
ANSCHLUSS : 11 BETRIEBSBREMSANLAGE, BETRIEBSDRUCK : Pe max. = 10 bar
ORIFICE : DISPOSITIF DE FREINAGE DE SERVICE, PRESSION D'UTILISATION
ORIFIZIO : DISPOSITIVO DI FRENATURA DI SERVIZIO, PRESSIONE DI ESERCIZIO
(TEMPORARILY
(KURZZEITIG : Pe max. = 13 bar)
(DE COURTE DUREE
(BREVE TEMPO SOLO

PORT : SPRING BRAKE CYLINDER, WORKING PRESSURE
ANSCHLUSS : 12 FEDERSPEICHERZYLINDER, BETRIEBSDRUCK : Pe max. = 8.5 bar
ORIFICE : CYLINDRE A RESSORT, PRESSION D'UTILISATION
ORIFIZIO : CILINDRO A MOLLA, PRESSIONE DI ESERCIZIO
(TEMPORARILY
(KURZZEITIG : Pe max. = 11 bar)
(DE COURTE DUREE
(BREVE TEMPO SOLO

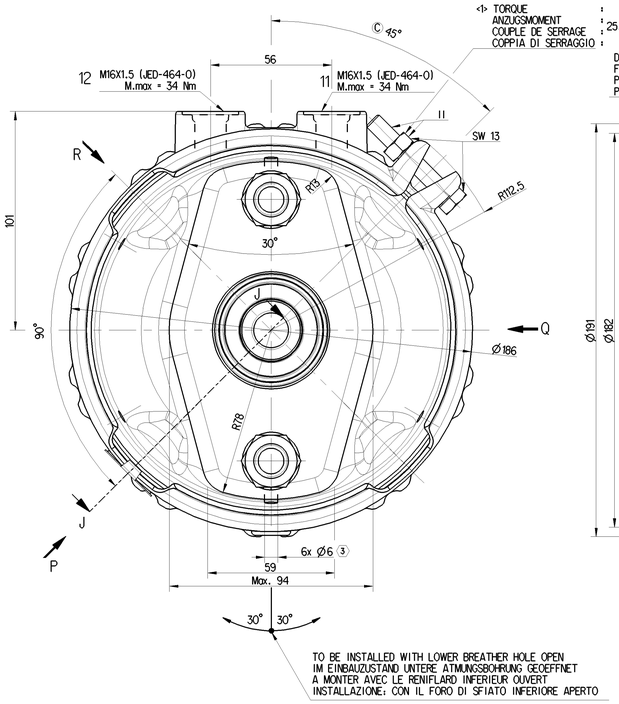
① SEALING SURFACE
DICHTFLAECHE
SURFACE D'ETANCHETTE
SUPERFICI DI TENUTA

② DEFLECTION : AT STROKE
AUSLENKUNG : max. 8° BEI HUB 0 mm
DEFLEXION : A COURSE
DEVIAZIONE : A CORSA

③ OPEN BREATHER HOLE
OFFEN ATMUNGSBOHRUNG
OUVERT TROU RENIFLEUR
APERTO FORO RESPIRATORE

UNIT DRAWN WITH AIR APPLIED AT PORT 12
EINHEIT MIT LUFT APPLIED AT PORT GEZEICHNET 12
UNIDADE DESENHADO COM AIR APLICADA NA PORTA 12
UNITA ' DISEGNATA CON ARIA APPLICATO A PORTA 12

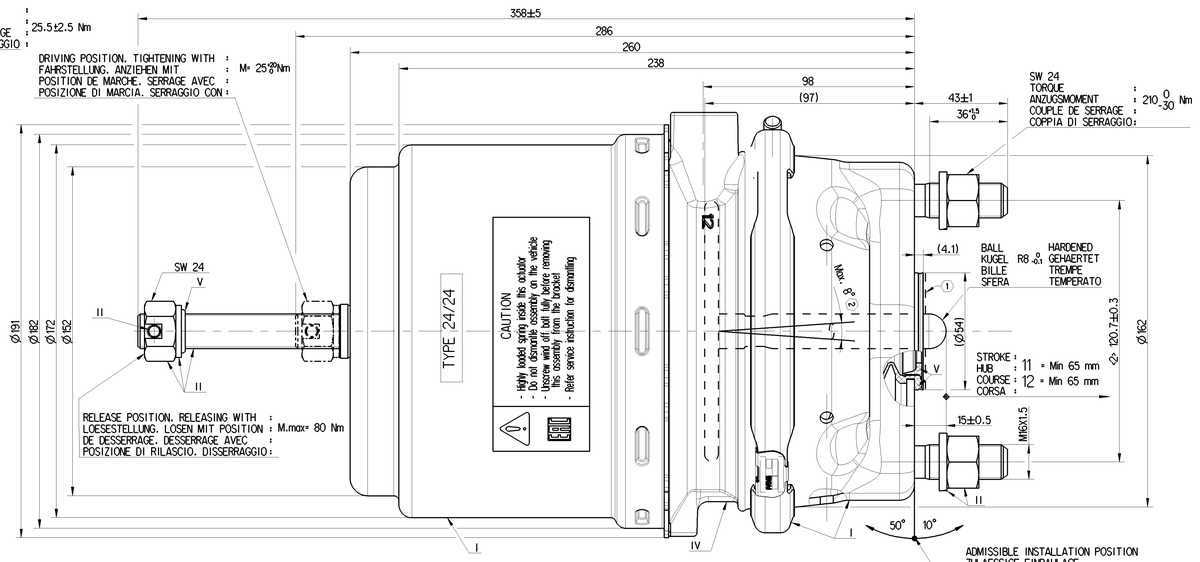
DELIVERY ANLIEFERUNG LIVRAISON FORNITURA	RELEASE POSITION LOESESTELLUNG POSITION DE DESSERRAGE POSIZIONE DI RILASCIO	DRIVING POSITION FAHRTSTELLUNG POSITION DE MARCHE POSIZIONE DI MARCIA
	X	



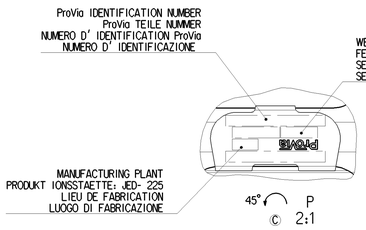
TO BE INSTALLED WITH LOWER BREATHER HOLE OPEN
IM EINBAUZUSTAND UNTERE ATMUNGSBOHRUNG GEOEFFNET
A MONTER AVEC LE RENIFLARD INFERIEUR OUVERT
INSTALLAZIONE: CON IL FORO DI SFIATO INFERIORE APERTO

<1> TORQUE : 25.5±2.5 Nm
ANZUGSMOMENT
COUPLE DE SERRAGE
COPPIA DI SERRAGGIO

DRIVING POSITION. TIGHTENING WITH : M= 25 Nm
FAHRSTELLUNG. ANZIEHEN MIT
POSITION DE MARCHE. SERRAGE AVEC
POSIZIONE DI MARCIA. SERRAGGIO CON



ADMISSIBLE INSTALLATION POSITION
ZULAESSIGE EINBAULAGE
POSITION D'INSTALLATION ADMISE
POSIZIONE DI MONTAGGIO AMMESSA



ProVia IDENTIFICATION NUMBER
ProVia TEILE NUMMER
NUMERO D' IDENTIFICATION ProVia
NUMERO D' IDENTIFICAZIONE

WEEK / YEAR OF MANUFACTURE
FERTIGUNGSWOCHE/JAHR
SEMAINE/ANNEE DE FABRICATION
SETTIMANA/ANNO DELLA FABRICAZONE

MANUFACTURING PLANT
PRODUKT IONSSTAETTE: JED- 225
LIEU DE FABRICATION
LUOGO DI FABRICAZIONE

SAFETY CHARACTERISTICS
SICHERHEITSMERKMALE
CARACTÉRISTIQUES DE SÉCURITÉ
CARATTERISTICHE DI SICUREZZA
<1> (▷1x)

SIGNIFICANT CHARACTERISTICS
WESENTLICHE MERKMALE
CARACTÉRISTIQUES SIGNIFIANTES
CARATTERISTICHE SIGNIFICATIVE
<2> (▷1x)

General Specifications: JED-334-1 ; Size ISO 14405 LP						
Further Technical Data: PRO 481 101 0						
Doc. Code: 035			Sheets: 1 To: 5			
General Tolerances JED-261						
Range of Nominal Dimensions (in mm)						
Class 1)	↕ 50	↕ 50 - 180	↕ 180 - 400	↕ 400 - 400		
Fine	0.5	1.0	1.5	2.0		
Medium	X 1.0	2.0	3.0	4.0	±3°	
Coarse	2.0	3.5	5.0	6.5		
Tapped Holes acc. JED-464-0						
1) Tolerance Class Applied Crosshatched						

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Date	Signature
Drawn	
2017-10-17	Saravanan
Checked	
2017-11-06	Aswinkumar
Agent	
Suresh	

ProVia

SPRING BRAKE ACTUATOR DISC
24/24-65mm

Mass	Scale	Material No.	Date of first issue: 2016-04-22
9.919 KG	1:1 (1x2x11)	PRO 481 050 0	Doc.Code: 005 Language: ML Sheet: 1/1
Size	CAD System		
A 0	CREO	ECN No. 174088	Revision 4 C Techn. Resp. 5400_AM Replacement for -

100mm

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