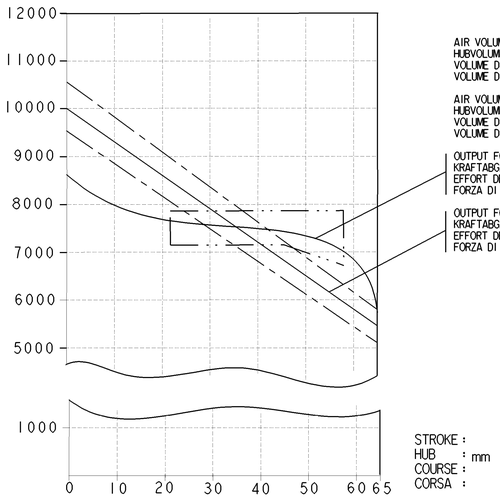
SURFACE PROTECT.
OBERFL. SCHUTZ

I	POWDER COATING JED-240-7
II	Zn JED-256-5
III	PHOSPHATING & OILING JED-371
IV	AL , JED-259
V	RUBBER / PLASTIC
VI	BRASS

TECHNICAL DATA
TECHNISCHE DATEN

PERFORMANCE CHARACTERISTICS



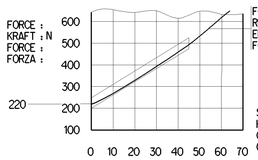
AIR VOLUME OF SERVICE BRAKE PART AT 2/3 OF ITS STORKE
HUBVOLUMEN DES BETRIEBSBREMSTEILES BEI 2/3 HUB : ca. 0.89x10³ cm³
VOLUME D'AIR DU DISPOSITIF DU FREIN DE SERVICE A 2/3 DE LA COURSE
VOLUME D'ARIA DELLA SEZIONE DI FRENO DI SERVIZIO A 2/3 DELLA CORSA

AIR VOLUME OF SPRING BRAKE PART
HUBVOLUMEN DES FEDERSPEICHERS : ca. 1.675x10³ cm³
VOLUME D'AIR DU DISPOSITIF RESSORT
VOLUME D'ARIA DELLA SEZIONE A MOLLA

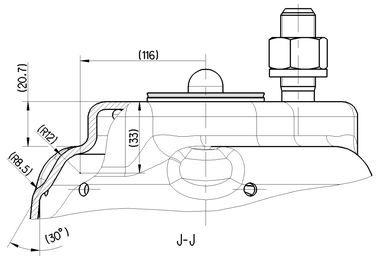
OUTPUT FORCE OF SERVICE BRAKE PART AT
KRAFTABGABE DES BETRIEBSBRAMSTEILES BEI : 6.5 bar
EFFORT DE POUSSEE DU DISPOSITIF DU FREIN DE SERVICE SOUS
FORZA DI SPINTA DELLA SEZIONE DI FRENO DI SERVIZIO PER

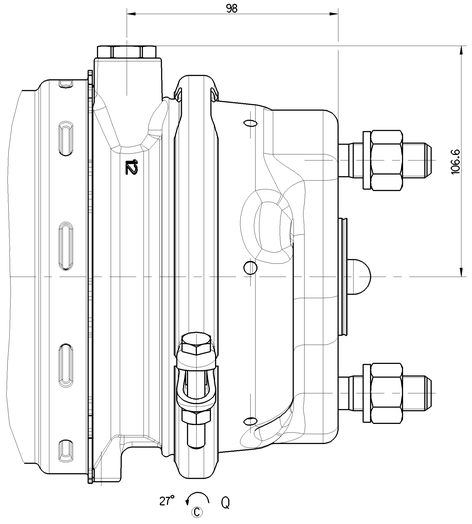
OUTPUT FORCE OF SPRING BRAKE PART, RELEASE PRESSURE
KRAFTABGABE DES FEDERSPEICHERS, LOESEDRUCK : 4.9±0.4 bar
EFFORT DE POUSSEE DU DISPOSITIF RESSORT, PRESSION DE DESSERRAGE
FORZA DI SPINTA DELLA SEZIONE A MOLLA, PRESSIONE DI RILASCIO

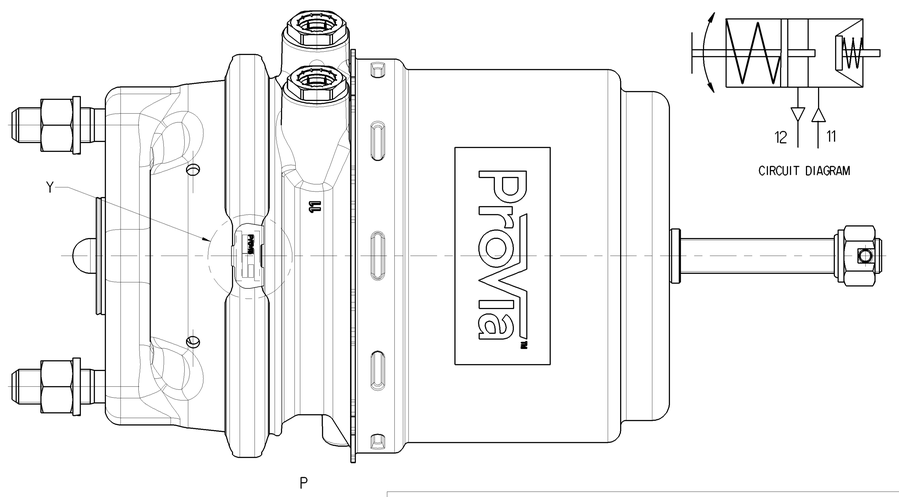
NOMINAL VALUES GIVEN FOR SERVICE SIDE , TOLERANCE BAND AS PER DIN 74060-3
NOMINAL VALUES GIVEN FOR SPRING SIDE , TOLERANCE BAND ±5%



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







Ⓒ

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 : Pe max. = 13 bar
(KURZZEITIG :
(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 : Pe max. = 11 bar)
(KURZZEITIG :
(DE COURTE DUREE :
(BREVE TEMPO SOLO :

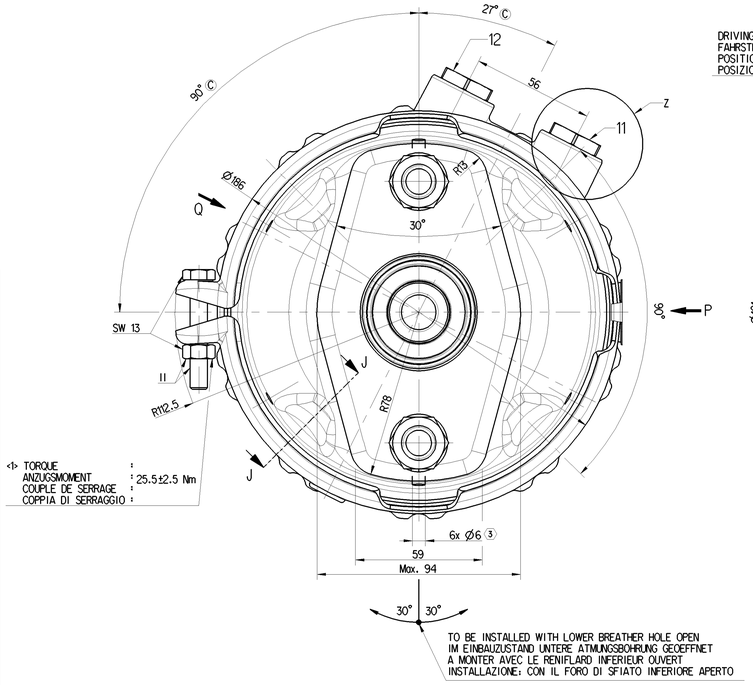
① SEALING SURFACE
DICHTFLAECHE
SURFACE D'ETANCHETTE
SUPERFICI DI TENUTA

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

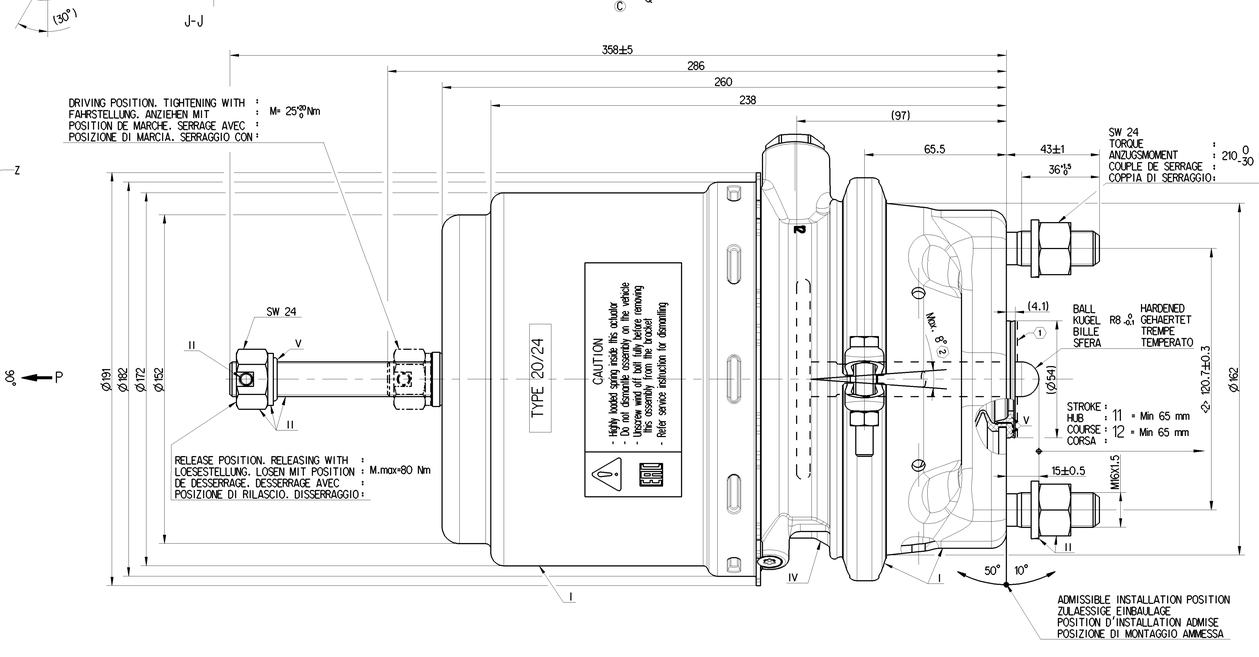
UNIT DRAWN WITH AIR APPLIED AT PORT 12
EINHEIT MIT LUFT APPLIED AT PORT GEZEICHNET 12
UNIDADE DESENHADO COM AIR APLICADA NA PORTA 12
UNITA ' DISEGNATA CON ARIA APPLICATO A PORTA 12

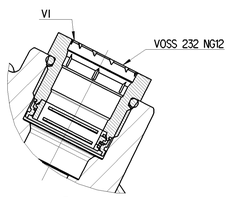
DELIVERY ANLIEFERUNG LIVRAISON FORNITURA — [X] RELEASE POSITION LOESESTELLUNG POSITION DE DESSERRAGE POSIZIONE DI RILASCIO — [ ] DRIVING POSITION FAHRTSTELLUNG POSITION DE MARCHE POSIZIONE DI MARCIA



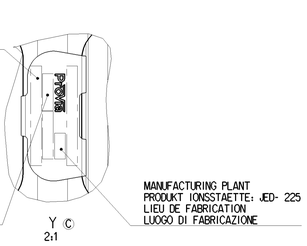
<1> TORQUE :
ANZUGSMOMENT : 25.5±2.5 Nm
COUPLE DE SERRAGE :
COPPIA DI SERRAGGIO :

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





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

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

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

General Specification: JED-334-1 , Size ISO 14405 LP
Further Technical Data: PRO 461 101 0
Doc. Code: 035 Sheet: 1 To: 5
General Tolerances JED-261

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

Trapped Holes acc. JED-388-3
1) Tolerance Class Applied Crossmarked

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Date / Signature
Drawn 2017-11-06 Aswinkumar
Checked 2017-11-07 Navinkumar
Appd Suresh

ProVia
SPRING BRAKE ACTUATOR DISC
20/24-65mm

Mass	Scale	Material No.	Date of first issue
9.755 kg	1:1 (1x2.2:1)	PRO 480 010 0	2016-04-21

Doc. Code	Language	Sheet
005	ML	1/1

Size	CAD System	Status Date	Replacement for
A 0	CREO	17-0088 5 C	5400_AM -

100mm

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