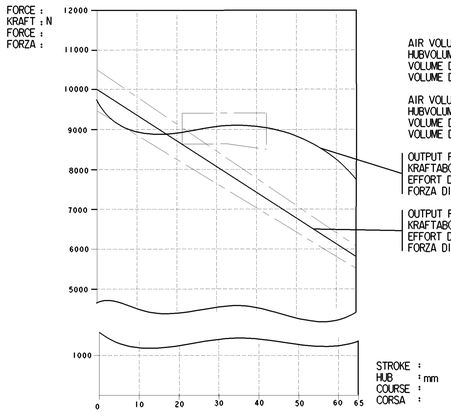
SURFACE PROTECT. OBERFL. SCHUTZ	
I	POWDER COATING JED-240-7
II	Zn JED-256-5
III	PHOSPHATING & OILING JED-371
IV	AL . JED-259
V	RUBBER / PLASTIC
VI	MS

TECHNICAL DATA
TECHNISCHE DATEN



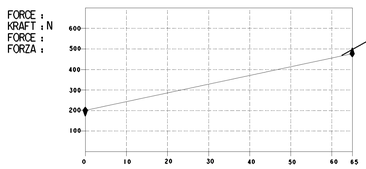
AIR VOLUME OF SERVICE BRAKE PART AT 2/3 OF ITS STORKE : ca. 0.90x10³ cm³
HUBVOLUMEN DES BETRIEBSBREMSTEILES BEI 2/3 HUB
VOLUME D'AIR DU DISPOSITIF DU FREIN DE SERVICE A 2/3 DE LA COURSE
VOLUME D'ARIA DELLA SEZIONE DI FRENO DI SERVIZIO A 2/3 DELLA CORSA

AIR VOLUME OF SPRING BRAKE PART : ca. 1.60x10³ cm³
HUBVOLUMEN DES FEDERSPEICHERS
VOLUME D'AIR DU DISPOSITIF RESSORT
VOLUME D'ARIA DELLA SEZIONE A MOLLA

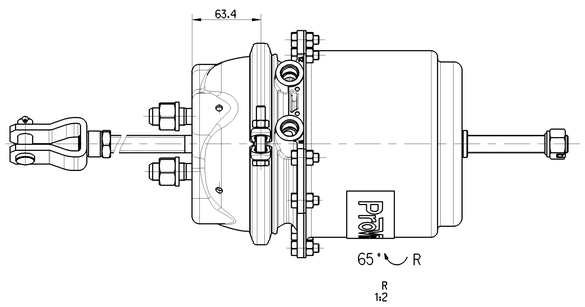
OUTPUT FORCE OF SERVICE BRAKE PART AT : 6.5 bar
KRAFTABGABE DES BETRIEBSBRAMSTEILES BEI
EFFORT DE POUSSEE DU DISPOSITIF DU FREIN DE SERVICE SOUS
FORZA DI SPINTA DELLA SEZIONE DI FRENO DI SERVIZIO PER

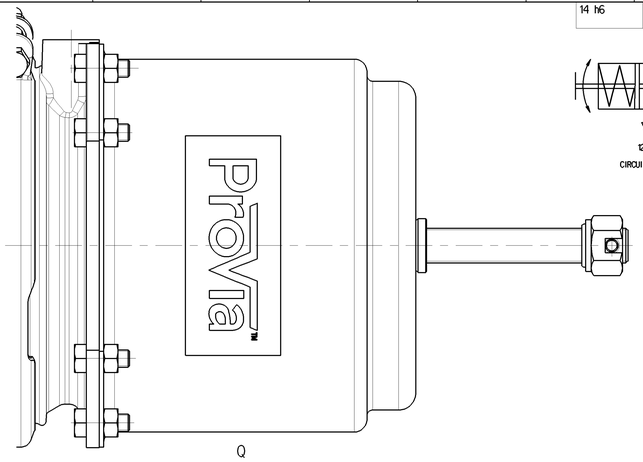
OUTPUT FORCE OF SPRING BRAKE PART, RELEASE PRESSURE : 4.9±0.4 bar
KRAFTABGABE DES FEDERSPEICHERS, LOESEDRUCK
EFFORT DE POUSSEE DU DISPOSITIF RESSORT, PRESSION DE DESSERRAGE
FORZA DI SPINTA DELLA SEZIONE A MOLLA, PRESSIONE DI RILASCIO

NOMINAL VALUES GIVEN FOR SERVICE SIDE , TOLERANCE BAND AS PER DIN 74060-1
NOMINAL VALUES GIVEN FOR SPRING SIDE , TOLERANCE BAND ±5%

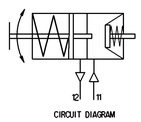


FORCE OF RETURN SPRING OF SERVICE BRAKE PART
RUECKSTELLFEDERKRAFT DES BETRIEBSBREMSTEILES
EFFORT DU RESSORT DE RAPPEL DU DISPOSTIF DU FREIN DE SERVICE
FORZA DELLA MOLLA DI RITORNO DELLA SEZIONE DI FRENO DI SERVIZIO

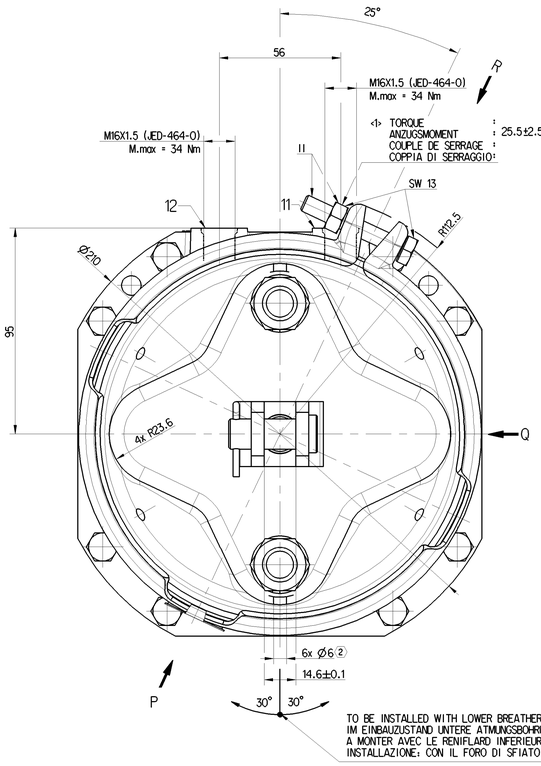




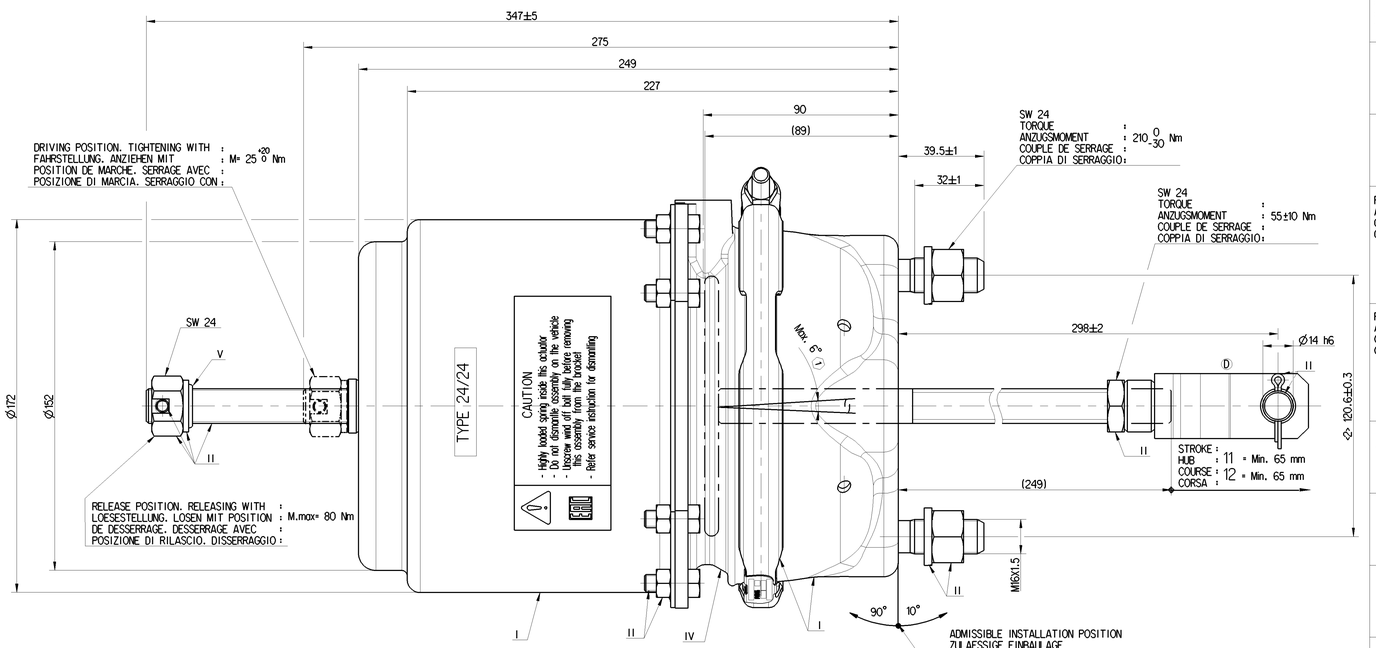
14 h6 0 -0.11



CIRCUIT DIAGRAM



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



RELEASE POSITION. RELEASING WITH : LOESESTELLUNG. LOSEN MIT POSITION : M.max= 80 Nm
DE DESSERRAGE. DESSERRAGE AVEC :
POSIZIONE DI RILASCIO. DISSERRAGGIO :

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

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 DEFLECTION : AUSLENKUNG : max. 6° AT STROKE BEI HUB : 0 mm
DEFLEXION : A COURSE
DEVIAZIONE : A CORSA

② OPEN BREATHER HOLE
OFFEN ATMUNGSBOHRUNG
OUVERT TROU RENIFLEUR
APERTO FORO RESPIRATORE

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

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

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 (▷ 1x)

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

General Specification: JED-334-1 , Size ISO 14405 LP								
Further Technical Data: PRO 491 001 0								
Doc. Code: 035					Sheet: 1		To: 4	
General Tolerances JED-261								
	Range of Nominal Dimensions (in mm)							
					> 50	> 180	> 400	> 400
Class (1)			± 50		± 180	± 400	± 1000	
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		
Trapped Holes: acc. JED-464-0								
(1) Tolerance Class Applied Crosswise								

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Date	Signature		
Drawn			
2019-03-07	Shanmugam S		
Checked			
2019-04-16	Yerchachelvan		
Appr.			
SURESH GAYAKWAD			

ProVia

SPRING BRAKE ACTUATOR CAM
24/24-65mm

Mass	Scale	Material No.	Date of first issue: 2016-04-28
10.471 kg	1:1 (1:2, 2:1)	PRO 491 001 0	Doc.Code: 005 Language: ML Sheet: 1/1
Size	CAD System		
A 0	CREO		

ECN-No.	Revision	Verific. Resp.	Replacement for
500850	1 D	5380_AM	-

100mm

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