

TEST CERTIFICATE

Inspection body No.	Inspecta Tarkastus Oy 0424
Device tested	Disk type brake ROBA diskstop: type 894.5___ size 6,7,8 type 894.6___ size 6
Name and address of manufacturer	Chr. Mayr GmbH + Co. KG Eichenstraße 1 D-87665 Mauerstetten Mayr Power Transmission (Zhangjiagang) Co., Ltd. Hale No. 3, Changxing Road No. 16 Zhangjiagang Economic Development Zone Postcode 215600 Zhangjiagang Jiangsu Province, PR China
Name and address of certificate holder	Chr. Mayr GmbH + Co. KG Eichenstraße 1 D-87665 Mauerstetten
Certificate issued on the basis of the following requirements:	EN 81-1:1998+A3:2009 clause 9.11 (see appendix 1 of this certificate)

Documents annexed to this certificate
Appendix 1 (test results)

Date 18.04.2012

Signature


Jukka Vinnari

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Y-tunnus: 2047308-3



Nominal braking forces and response times for Mayr ROBA brakes:

	nominal braking force	maximum tripping speed	single brake from nominal voltage		
			t0	t50	t90
			ms	ms	ms
	N	m / s	max.	max.	max.
RSD 6/894.5__._._	1939	15	80	160	200
RSD 6/894.5__._._	3232	15	40	100	150
RSD 6/894.6__._._	1724	15	80	160	190
RSD 6/894.6__._._	2873	15	40	85	115
RSD 7/894.5__._._	2180	15	95	170	215
RSD 7/894.5__._._	3735	15	45	100	135
RSD 8/894.5__._._	2936	15	80	160	215
RSD 8/894.5__._._	4895	15	40	95	160

t0: time from switching off power supply until start of brake torque rise

t50: time from switching off power supply until 50% of nominal brake torque

t90: time from switching off power supply until 90% of nominal brake torque

Structure of the Mayr ROBA brakes is based on certificate 08495/2 issued by Inspecta.

This Test Certificate verify response times of the ROBA brakes mentioned in Certificate. Response time of the brakes is the part of the overall delay time of the UCM protection system. The braking forces and response times of the brakes mentioned in this Certificate can be used as a part of the evaluation of the whole UCM protection system

The whole UCM safety system is the matter of the separate type-examination described in standard EN 81-1:1998+A3:2009 and this Certificate does not cover it.



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