

Test of HS Pedestal

Test Certificate 3.1 acc. DIN EN 10204

Order-No.	A13-030074	Testing Device	Unbalance Shaker	
Machine Type	HS 23	Testing Device No.	PH-003601	
Pedestal Type	HS 23	Max. Unbalance	50.000,0	gmm
		Test Unbalance	10.000,0	gmm
Customer	Neotec	Angle	0,0	Grad
Location	Plock, Poland	Perm. Deviation U, v	5,0	%
		Stiffness Pedestal 1	750,0	N/μm
		Stiffness Pedestal 2	750,0	N/μm
Unb. Meas. System	MC 10 HS	Perm. Bearing Force	100.000,0	N
Comment	Calibration Speed 35 Hz, Counter Clockwise			
Note	Permissible Values and deviations are given by manufacturer.			

Pedestal 1							
Speed 1/min	Unbalance U by Unbalance Measuring System						
	Meas. Values		Amount - Set Value		Deviation Amount		Specification achieved y / n
	Amount U gmm	Angle W Grad	Amount U gmm		DU %	Status passed y / n	
1.200	9.954,0	0,0	10.000,0		0,5	y	y
1.500	10.005,0	359,8	10.000,0		0,1	y	
1.800	10.031,0	359,6	10.000,0		0,3	y	
2.100	10.035,0	359,0	10.000,0		0,4	y	
2.400	10.094,0	359,5	10.000,0		0,9	y	

Vibration Velocity v-RMS by Unbalance Measuring System							
Speed 1/min	Meas. Values		Amount - Set Value		Deviation Amount		Specification achieved y / n
	Amount v-eff mm/s	Angle W Grad	Amount v-eff mm/s		Dv %	Status passed y / n	
	1.200	0,019	0,0	0,019		1,3	y
1.500	0,036	359,8	0,037		1,8	y	
1.800	0,062	359,6	0,063		2,1	y	
2.100	0,099	359,0	0,101		1,6	y	
2.400	0,150	359,5	0,150		0,1	y	

Pedestal 2							
Speed 1/min	Unbalance U by Unbalance Measuring System						
	Meas. Values		Amount - Set Value		Deviation Amount		Specification achieved y / n
	Amount U gmm	Angle W Grad	Amount U gmm		DU %	Status passed y / n	
1.200	10.156,0	359,7	10.000,0		1,6	y	y
1.500	10.070,0	359,6	10.000,0		0,7	y	
1.800	10.134,0	359,3	10.000,0		1,3	y	
2.100	10.180,0	359,1	10.000,0		1,8	y	
2.400	10.176,0	359,2	10.000,0		1,8	y	

Vibration Velocity v-RMS by Unbalance Measuring System							
Speed 1/min	Meas. Values		Amount - Set Value		Deviation Amount		Specification achieved y / n
	Amount v-eff mm/s	Angle W Grad	Amount v-eff mm/s		Dv %	Status passed y / n	
	1.200	0,019	359,7	0,019		1,3	y
1.500	0,037	359,6	0,037		1,0	y	
1.800	0,064	359,3	0,063		1,1	y	
2.100	0,101	359,1	0,101		0,4	y	
2.400	0,153	359,2	0,150		1,9	y	

Test passed	y						
-------------	---	--	--	--	--	--	--

	Date	Name	Function / Dept.	Signature
Customer				
Hofmann	04.04.2017	C. Danz	VM 2	

Hofmann Mess- und Auswuchttechnik GmbH & Co. KG
 Werner-von-Siemens-Str. 21
 64319 Pfungstadt

