



WHEEL DRIVE SPECIFICATION					
Reduction Ratio xx		11 (10.84)	16 (15.51)	20 (20.03)	26 (25.71)
No. of Stages		2			
Rated Output Torque	Nm	19.2	24.6	28.6	29.1
Max. Output Torque	Nm	32.9	39.4	39.4	39.4
Rated Input Speed	rpm	3500	3500	3500	3500
Max. Input Speed	rpm	4685	5968	8304	8988
Backlash	°	<30 arcmin	<30 arcmin	<30 arcmin	<30 arcmin
Efficiency	%	94	94	94	94
Inertia	$10^{-6} \text{ kg m}^2$	85	45	27	17
Load Capacity	kg	400			
Wheel Material		Vulkollan			
Ambient Temperature	°C	-15...+90			
Protection Class		IP54			

04

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Weight: 4.3kg	
REV	Rev. Text	Name	Date	State	Date	Name	WD18050-56xx-60X		
04	Load capacity updated	Micheli_M	30.06.2020	Drawn	11.09.2019	Rehse_P	06200358		
03	specifications updated	Micheli_M	31.03.2020	Reviewed	13.09.2019	Naubert_A			
02	-		11.11.2019	Released	13.09.2019	Naubert_A			
01	First Released		11.11.2019						
							State: Released	Rev: 04	CONFIDENTIAL

Scale: 1 : 2  
A3 Page 1