

CYCLOID DRIVE

N rollers number	11	
n teeth rotor number	10	
i trasmission ratio	10	
R rotor radius	28	
Rr rollers radius	4,0	
E shaft eccentricity <=	2,0	
Dp pin diameter	2,00 mm	design requirements
Dh pin hole diameter	6,00 mm	bearing hole
Dm mounting circle diameter	31	design requirements
De shaft eccentric	10 mm	bearing hole
Ds shaft diameter	5 mm	design requirements

CYCLOID DRIVE

N rollers number	11	
n teeth rotor number	10	
i trasmission ratio	$10 = C17 / (C16 - C17)$	
R rotor radius	28	
Rr rollers radius	$4,0 = 2 * PI.GRECO() * C19 / (4 * C16)$	
E shaft eccentricity <=	$2,0 = 0,5 * C20$	
Dp pin diameter	2,00	
Dh pin hole diameter	$6,00 = C22 + 2 * C21$	
Dm mounting circle diameter	31	
De shaft eccentric	10	
Ds shaft diameter	5	