

WORM & WHEEL CUSTOMER DATA SHEET

CUSTOMER Sales Example ENQUIRY / ORDER N°

WORM DATA

NUMBER OF STARTS	z1	3	RIGHT HAND
QUOTIENT	q	10.000000	PROFILE TYPE INVOLUTE ZI
AXIAL MODULE	mx1	0.157480"	4.0000 mm
NORMAL MODULE	mn1	0.150839"	3.8313 mm
AXIAL DIAMETRAL PITCH		6.350000	
NORMAL DIAMETRAL PITCH		6.629595	
LEAD	pz1	1.484217"	37.6991 mm
LINEAR PITCH	px1	0.494739"	12.5664 mm
NORMAL PRESSURE ANGLE		20.000000°	20° 0' 0"
LEAD ANGLE at PCD		16.699244°	16° 41' 57"
BASE LEAD ANGLE		25.833744°	25° 50' 1"
OUTSIDE DIA	da1	1.889764"	48.0000 mm
PITCH CIRCLE DIA	d1	1.574803"	40.0000 mm
ROOT DIA	df1	1.224409"	31.1000 mm
ROOT CLEARANCE	c1	0.031004"	0.7875 mm
AXIAL THICKNESS	sx1	0.252417"	6.4114 mm
NORMAL THICKNESS	sn1	0.241772"	6.1410 mm
CHECKING PIN DIA		0.255906"	6.5000 mm
SIZE OVER (3) PINS		1.939084"	49.2527 mm

WHEEL DATA

NUMBER OF TEETH		31	
OUTSIDE DIA	de2	5.354331"	136.0000 mm
THROAT DIA	da2	5.170276"	131.3250 mm
PITCH CIRCLE DIA	d2	4.881890"	124.0000 mm
ROOT DIA	df2	4.504921"	114.4250 mm
ROOT CLEARANCE	c2	0.031004"	0.7875 mm
AXIAL BACKLASH	jt	0.004437"	0.1127 mm
NORMAL BACKLASH	jn	0.004250"	0.1080 mm
FACE WIDTH	b2	1.181102"	30.0000 mm
CENTER DISTANCE	a	3.228346"	82.0000 mm
Meshing LEAD ANGLE		16.699244°	16° 41' 57"

HOB TYPE :- TOPPING

RADIAL INFEEED WITH DWELL

ACEDES GEAR TOOLS
(a division of Furzeland Ltd.)

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