



NOTE:
MPR IS NOT SUITABLE FOR MOTORISED APPLICATIONS.

COMMON INPUT DETAILS		E-FLANGE INPUT DETAILS			
SHAFT DIA.	KEY DETAILS	FLANGE O/DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (45° OFF CENTRES)
Ø19.98-0.05	6x6x36	Ø126	Ø70.05+0.05	3	4 HOLES Ø10.5 ON Ø102.0 P.C.
(Ø0.787"-0.002")	(0.24"x0.24"x1.42")	(Ø4.96")	(Ø2.758"+0.002")	(0.12")	4 HOLES Ø0.41" ON Ø4.02" P.C.

MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)		
STANDARD	SPIGOT DIAMETER	HOLE DETAILS (22.5° OFF CENTRES)
ISO F40	Ø299.95-0.05 (Ø11.809"-0.002")	8 HOLES M36x45 (1.77") DEEP ON Ø406.0 (Ø15.98") P.C.
FA40	Ø228.60-0.15 (Ø9.000"-0.006")	8 HOLES 1.25"UNCx45 (1.77") DEEP ON Ø406.4 (Ø16.00") P.C.

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY		MAX. STEM SCREW ACCEPTANCE DIA.
STD	BORE	KEY	BORE	KEY	
BS4235	-	-	130.0	32 x 18	150 (5.875")
BS46	4.625"	1 1/4" SQ	5.000"	1 1/4" x 7/8"	
ANSI B17.1	4.625"	1 1/4" SQ	5.000"	1 1/4" x 7/8"	

DESCRIPTION		TORQUE			C of G		
MPR	RATIO	OUTPUT	INPUT	MA	X	Y	Z
MPR10	81:1	8018 Nm	137 Nm	58.5	0	128	39

AS PART OF CONTINUOUS PRODUCT DEVELOPMENT, ALL DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. FOR UP TO DATE DETAILS PLEASE VISIT www.rotork.com

Rev	CN	Revised	Approved	Date	Change Description
A	-	-	-	30/04/2014	FIRST ISSUE

LEEDS - UK
www.rotork.com

This drawing is confidential and is the property of Rotork Gears and must not be reproduced either wholly or partly. All rights in respect of patents, designs and copyrights are reserved. © 2014

Document type	PUBLICITY	Mass	304.04 kg
		Dimensions in mm	
		Scale	1:6
Created	J. DICKINSON	30/04/2014	Title HOB14 GEARBOX MPR10 MANUAL INPUT REDUCER F40/FA40 OUTPUT
Checked	T. WITAMORE	14/05/2014	
Approved	-	-	
Drawing Number			Rev A
PUB-HOB14MPR10-F40			
Sheet 1 of 1		Size A3	