

1

2

3

4

5

6

7

8

9

10

ALL DIMENSIONS IN mm

IF IN DOUBT, ASK

DO NOT SCALE DRAWING

DRAWING REVISION SUBJECT TO CHANGE, UNLESS CHECKED AND AUTHORISED

CHECKED BY:
TDham 29/12/22

AUTHORISED BY:
S.Bell 5/01/23

FILE NO: AH0000-AJ

ISSUE: 1

DRAWN: NITIN K

DATE: 12/22

PRODUCTION RELEASE

7

7

M1

M2

9

4

C

D

CSE

CSE

8

5

A

D

C

C

10

AS

BS

150Bar

SV1

SV2

M

P

RV

210Bar

T1

T

1

4cc

2

3

1.7Bar

HYDRAULIC SCHEMATIC FOR TWIN CYLINDER ACCESS SCISSORS (E-DRIVE)

ITEM

PART NUMBER

DESCRIPTION

QTY

1

401/T6363

GEAR PUMP

1

2

400/X0000

RETURN FILTER

1

3

443/E0355

GA ABI HYDRAULIC TANK

1

4

402/M6663(S3246E-E)
873/H7951(S4046E-E)
873/H7890(S4550E-E)

LOWER LIFT CYLINDER VALVE BLOCK

1

5

402/M6628(S3246E-E)
873/H7950(S4046E-E)
873/H7950(S4550E-E)

UPPER LIFT CYLINDER VALVE BLOCK

1

6

873/H0031

MAIN CONTROL VALVE

1

7

443/E4279

PRESSURE SENSOR

2

8

401/P1365(S3246E-E)
401/U1654(S4046E-E)
402/E4092(S4550E-E)

UPPER LIFT CYLINDER

1

9

401/R2533 (S3246E-E)
443/E3420(S4046E-E)
402/D6455(S4550E-E)

LOWER LIFT CYLINDER

1

10

443/E3525 (46 INCH)
402/D6459 (50 INCH)

STEER CYLINDER

1

LINEAR DEVIATIONS

PERMISSIBLE DEVIATIONS FOR SIZE RANGE

MATERIAL

DIMENSION IN mm

0.5 UP TO 3

OVER 3 UP TO 6

OVER 6 UP TO 30

OVER 30 UP TO 120

OVER 120 UP TO 400

OVER 400 UP TO 1000

OVER 1000 UP TO 2000

OVER 2000 UP TO 4000

NONE

FINISH

NONE

EXTERNAL RADIUS & CHAMFERS

ANGULAR DEVIATIONS

SHORTER SIDE OF ANGLE mm

UP TO 10

OVER 10 UP TO 30

OVER 30 UP TO 50

OVER 50 UP TO 120

OVER 120 UP TO 400

OVER 400

TOLERANCES COMPLY TO STD 00023 MEDIUM

GEOMETRIC TOLERANCE K

HEAT TREATMENT

NONE

GEOMETRIC TOLERANCE DEVIATIONS

UP TO 10

OVER 10 UP TO 30

OVER 30 UP TO 100

OVER 100 UP TO 300

OVER 300 UP TO 1000

OVER 1000 UP TO 3000

CIRCULAR RUN-OUT

STRAIGHT/FLAT

PERPENDICULAR

0.05

0.1

0.2

0.4

0.6

0.8

1

0.2

DRAWN

DATE

BUSINESS UNIT

NITIN K

12/12/22

MH AND A

PART HAS CODE C

FEATURES IN ACCORDANCE WITH STD00250

MASS (kg)

0

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CLASSIFIED IN

Hydraulic Schematics

Drawing NUMBER

873/H1000

SHEET NUMBER

2 OF 2

SCALE

A0 1:1

1

2

3

4

5

6

7

8

9

10