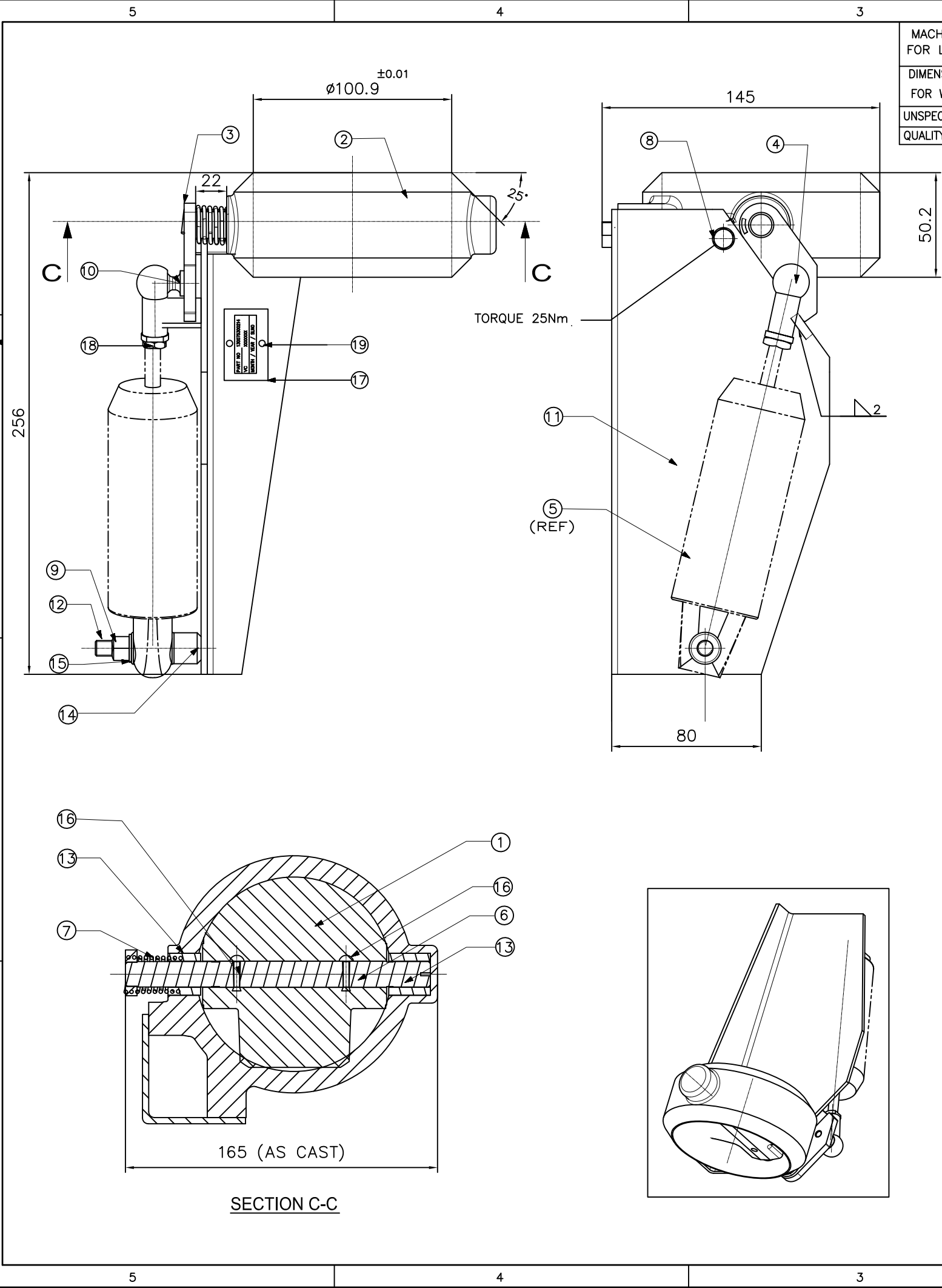


GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SURFACE ROUGHNESS												
SYMBOL												



MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 – 6	6 – 30	30 – 120	120 – 315	315–1000	1000–2000	2000–4000	ABOVE 4000	
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	
DIMENSIONAL TOLERANCE FOR WELDED STUCTURES	RANGE	0-30	30-120	120-315	315-1000	1000-2000	2000-4000	4000-8000	8000-12000	ABOVE 12000
	TOLERANCE	±1	±2	±2	±3	±4	±6	±8	±10	±12
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS:2102 (PT-1)(MEDIUM)						PROTO / PILOT / PRODUCTION				
QUALITY OF WELD JOINTS REF, ISO:5817 CLASS-C, FOR SPOT WELDING JIS Z-3140										

TECHNICAL DATA	
AMBIENT TEMP	-40 to +80°c
AIR CYLINDER STROKE LENGTH	40 MM
OPERATING PRESSURE	8 BAR

- NOTE: -
- SURFACE PROTECTION FOR ITEMS 2 (OUTER SURFACE ONLY), 3 ,6, 10, 11, 14(PROJECTED AREA) WITH ALUMINIUM HEAT RESISTANT PAINT Gr 1, IS:13183-91, 30 MICRONS.
 - ALUMINIUM METAL SPRAY, BSEN : 22063-94, 150 MICRONS.
 - ALL DIMENSIONS ARE IN MM.

19	2	107112684000	SNAP HD RIVET 2.5X4.9 (IS: 2998-1982)Gr-1	STD
18	1	107110205000	HEX THIN NUT M8 IS:1364(P-2)2002-8.8	STD
17	1	151172018003	NAME PLATE	ALUMINIUM
16	2	107112684000	SNAP HD RIVET 5X30 (IS: 2998-1982)Gr-1	STD
15	3	107110601000	WASHER MACHINED 8.4, IS: 2016-67 STEEL	STD
14	1	151171015003	THREADED BUSH	EN8 (BS: 970-1955)
13	2	151171014003	BUSH	EN8 (BS: 970-1955)
12	1	151171013003	STUD M8x1.25	EN8 (BS: 970-1955)
11	1	151171012003	PLATE	Gr-O (IS: 1079-94)
10	1	151171011003	SPIRAL PIN	EN8 (BS: 970-1955)
9	1	151171010003	PREVAILING TORQUE TYPE HEX NUT M8X1.25-8 IS: 7002-2005	STD
8	2	106114718000	HEX HD SCREW M8X16IS:1364(P-2) 2002,8.8	STD
7	1	151171008003	SPRING	SPRING STEEL (IS: 4454-1)
6	1	151171007003	SHAFT	EN8 (BS: 970-1955)
5	REF	151170006003	AIR CYLINDER	—
4	1	151171005003	KNOB	EN8 (BS: 970-1955)
3	1	151171004003	PLATE	Gr-O (IS: 1079-94)
2	1	151172003003	ENGINE BRAKE BODY	SG400/15 (IS:1865/1991)
1	1	151172002003	DISC	SG400/15 (IS:1865/1991)

SL No.	QTY	DRG. / STOCK No.	DESCRIPTION	SIZE	COMPANY.STD/IS.STD	Wt.Kg.
DETAIL PARTS						
PRODUCT BEML - TATRA						
SURFACE TREATMENT						
					APPROVED	Rajasekaran R
					CHECKED	Shanthamurthy TK
					DRAWN	Shanthamurthy TK
					ET 8X8	
					ER 8X8	REF DRG
					1	130075300214
					RR 6X6	SCALE
					MODEL	NTS
					SHEET	Wt (Kg)
					1 OF 1	3.5
					DRG No.	ALT
					151170019003	



TITLE
ENGINE BRAKE
(WITHOUT AIR CYLINDER)

151170019003