

**GENERAL DATA**

DISPLACEMENT	DELIVERY PRESSURE RATINGS		
	CONTINUOUS PRESSURE (bar)	INTERMITTENT PRESSURE (bar)	PEAK PRESSURE (bar)
45 cc/rev	280	320	350
54 cc/rev	250	285	315

CASE DRAIN PRESSURE (MAX CONT.): 2 bar ABSOLUTE

SHAFT SEALS: MATERIAL : FLUOROCARBON (FKM)

STATIC SEALS: MATERIAL: HNBR

SYSTEM CLEANLINESS: ISO 4406 - 20/18/14 FLUID CLEANLINESS LEVEL OR BETTER

CENTER OF GRAVITY (CG)

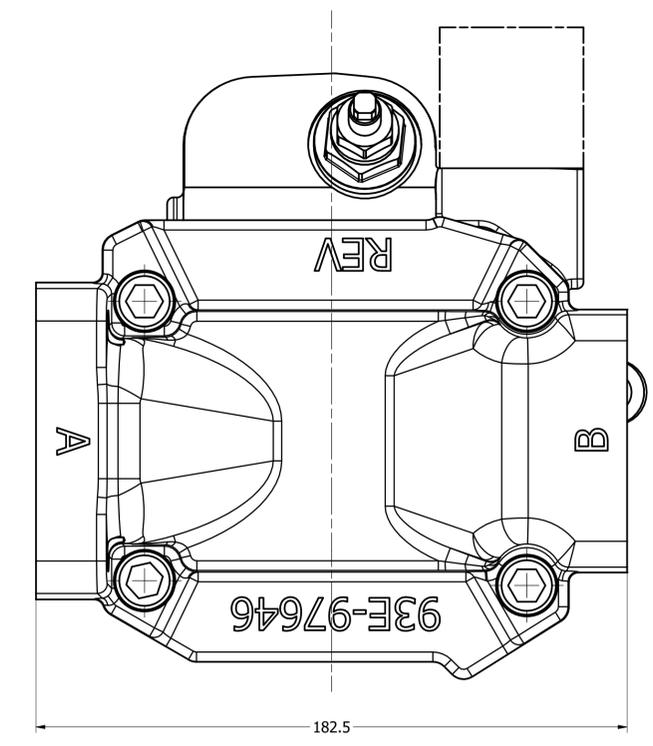
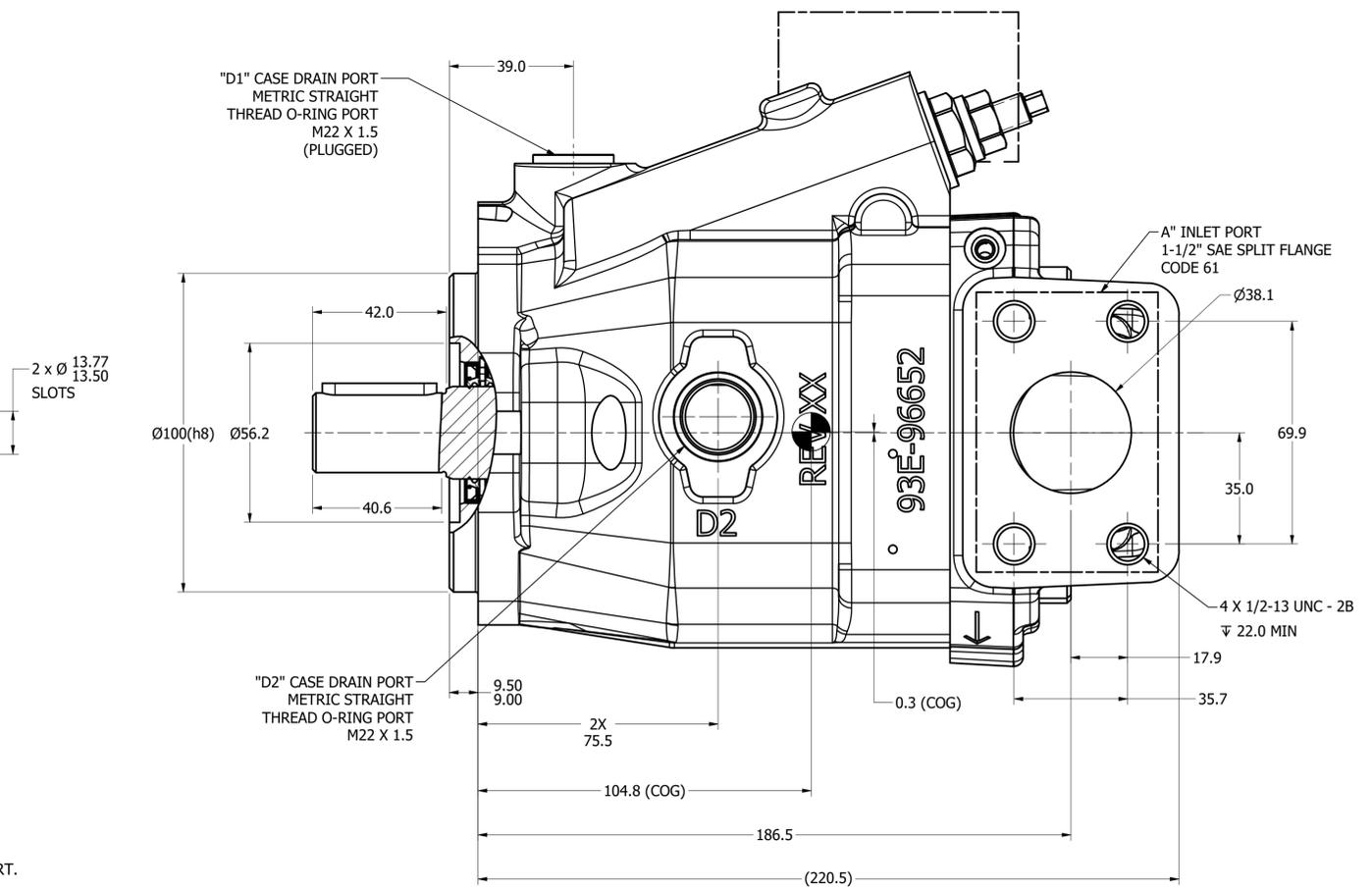
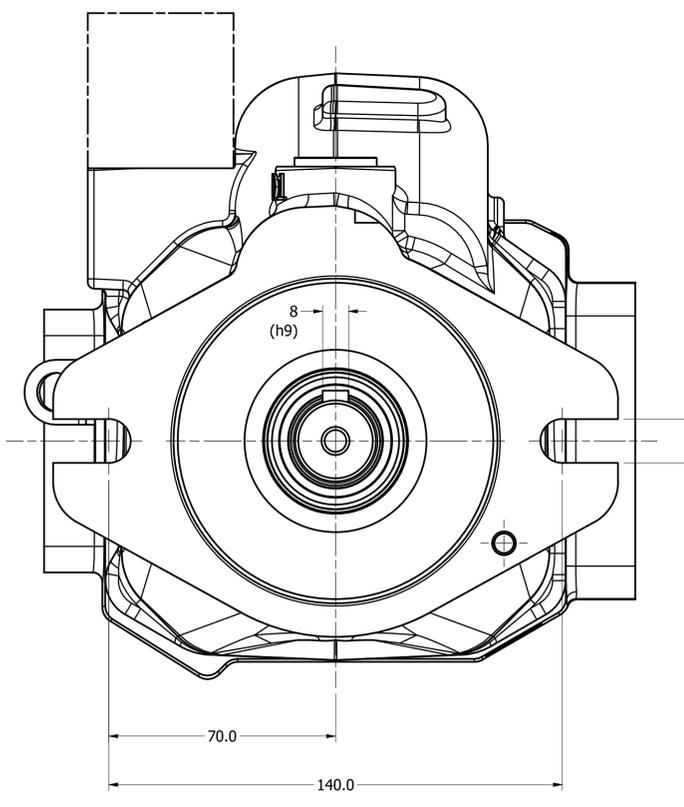
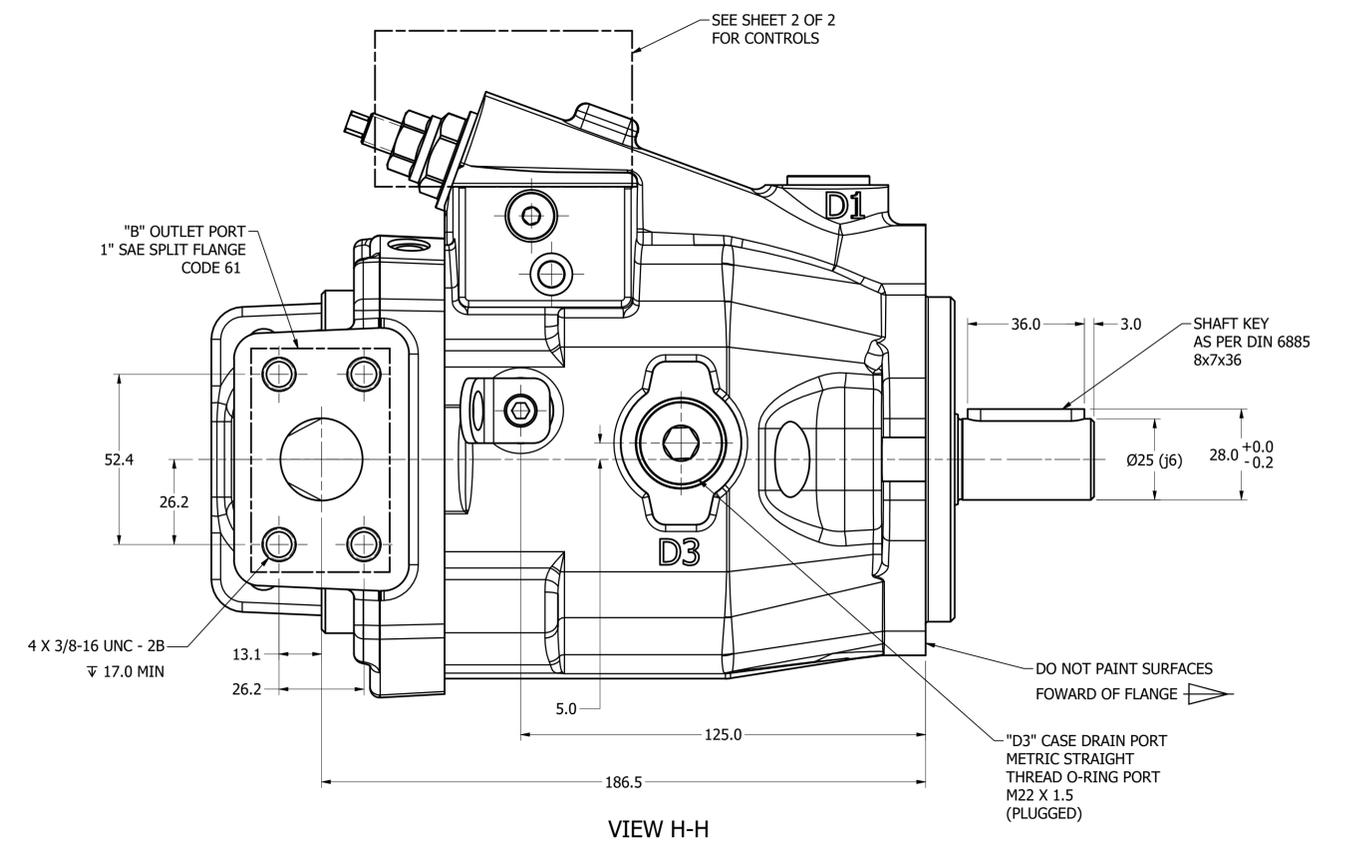
PAINT: ENTIRE PUMP EXCEPT INDICATED SURFACES TO BE PAINTED BLACK.

DRIVESHAFT ROTATION: CW AS VIEWED FROM SHAFT END

**TRIDENT PRECISION INTERNATIONAL**

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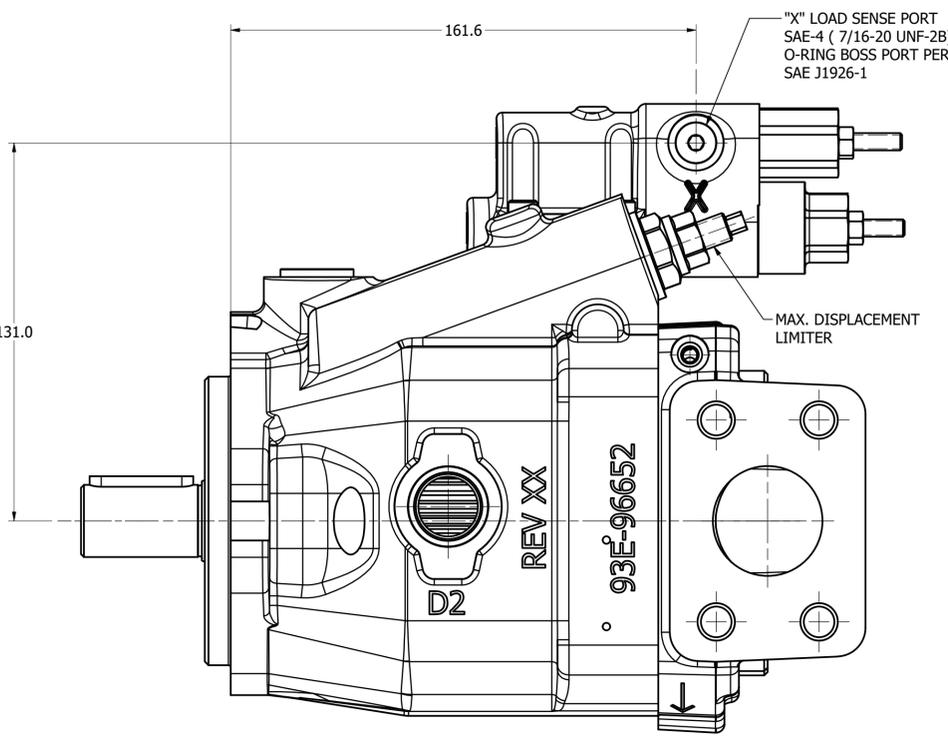
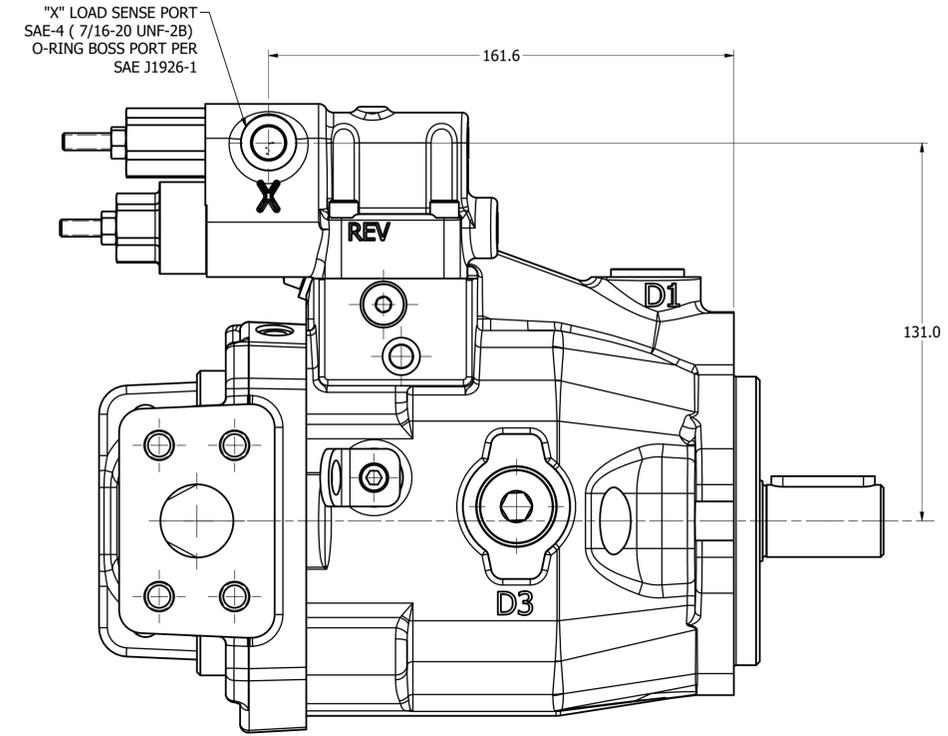
- NOTES:**
1. STEEL PLUG INSTALLED IN "D1 & D3" PORTS. SHIPPING PLUG (NOT SHOWN) INSTALLED IN "D2" PORT.
  2. SHIPPING PLUGS (NOT SHOWN) INSTALLED IN INLET / OUTLET PORTS
  3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE MILLIMETERS
  4. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± 2 mm
  5. UNLESS OTHERWISE SPECIFIED, ANGLE TOLERANCES ARE ± 2°
  6. ( ) = REFERENCE DIMENSION

INVENTOR DRAWING		DESIGN TRACKING		PARKER HANNIFIN INDIA PVT LTD. MAHAPE, NAVI MUMBAI INDIA	
DESIGN BY	--	DRAWN BY	AVS	TITLE	
CHECKED	ADC	DATE	17-08-2020	P1M PISTON PUMPS - DISTRIBUTION MARKET	
REV	--	ECR NO.		CAGE NO.	DRAWING NO.
ECR DATE		STATUS		2020-P1M-0XX-D-XXX	SIZE
USED ON		UNIT SIZE	045 / 054	SCALE: NTS	PUMP FAMILY: P1M
		WEIGHT			SHEET 1 OF 2

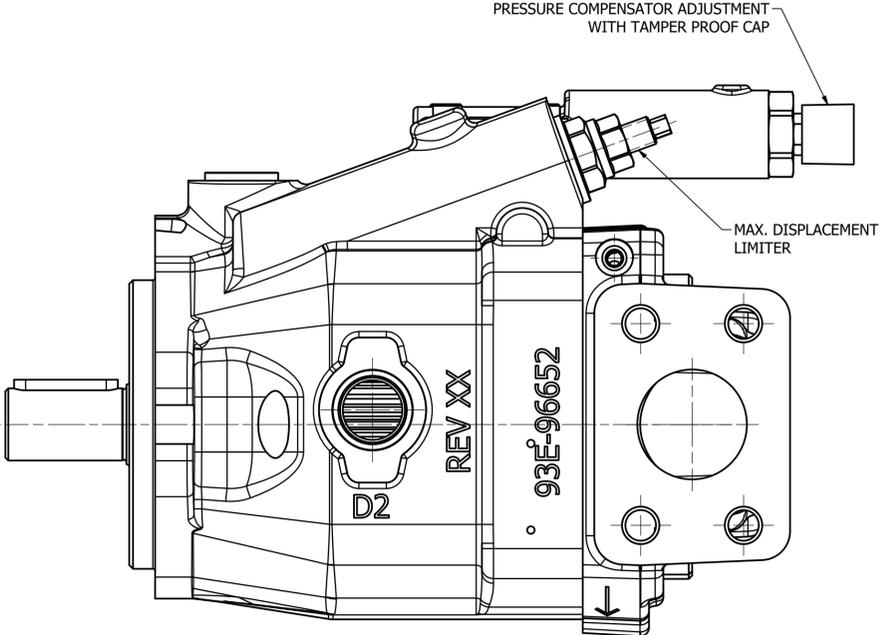
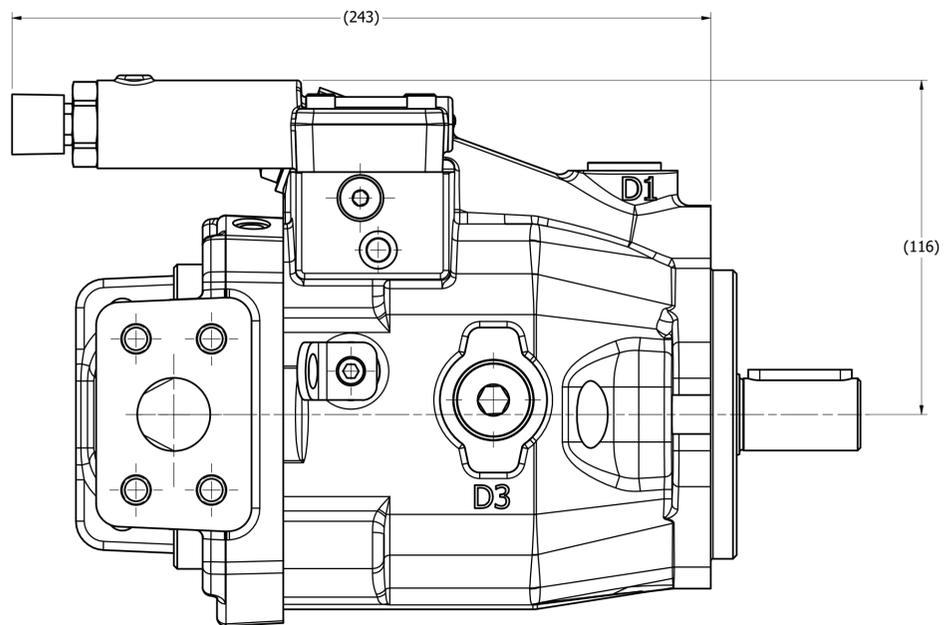
**CONTROLS**

PART NUMBER	DESCRIPTION	LOAD SENSE DIFF. PRESS. (bar)	MAX. PRESS. COMPENSATOR SETTING (bar)	APPROX. WEIGHT (kg)
2020-P1M-045-D-001	P1M 45 cc/rev PUMP WITH LS AND Pmax.	15-20	280	21
2020-P1M-045-D-002	P1M 45 cc/rev PUMP WITH Pmax.	--	280	21
2020-P1M-054-D-001	P1M 54 cc/rev PUMP WITH LS AND Pmax.	15-20	250	22
2020-P1M-054-D-002	P1M 54 cc/rev PUMP WITH Pmax.	--	250	22

**1. PUMP WITH LOAD SENSE (LS) AND PRESSURE COMPENSATOR (Pmax):**



**2. PUMP WITH PRESSURE COMPENSATOR (Pmax):**



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