

Order code system of MA series motors

MA	...	...	...	...	U2	...	...	...	...	SP	To obtain the code for your motor, complete the different parameters 02, 03, 04, 05, 07, 08, 09 and 10 in the table on the left according to the options you require (see table below).											
01	02	03	04	05	06	07	08	09	10	11												
Motor																						
01	Motor																				MA	
Displacement																						
02				10	12	16	18	25	32	41	45	50	63	80	90	108	108R	125	160	180	250	
Mounting flange																						
03				SAE B 2 bolts				SAE C 4 bolts								SAE D 4 bolts				-	C	
				-				-								-				SAE E 4 bolts	C1	
				-				-								-				SAE D 4 bolts	C2	
Shaft																						
04	Splined SAE J498b			13 T 16/32 DP	13 T 16/32 DP	13 T 16/32 DP	13 T 16/32 DP	14 T 12/24 DP	14 T 12/24 DP	14 T 12/24 DP	14 T 12/24 DP	14 T 12/24 DP	14 T 12/24 DP	14 T 12/24 DP	14 T 12/24 DP	13 T 8/16 DP	13 T 8/16 DP	13 T 8/16 DP	13 T 8/16 DP	15 T 8/16 DP	S1	
				-	-	-	-	-	-	-	-	-	-	-	17 T 12/24 DP	17 T 12/24 DP	-	-	-	-	13 T 8/16 DP	S2
				-	-	-	-	-	-	-	-	-	-	-	21 T 16/32 DP	21 T 16/32 DP	-	-	-	-	-	-
	DIN 6885			-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø50 mm	Ø50 mm	-	D1	
	Keyed SAE J744			Ø1"	Ø1"	Ø1"	Ø1"	Ø1 1/4"	Ø1 1/4"	Ø1 1/4"	Ø1 1/4"	Ø1 1/4"	Ø1 1/4"	Ø1 1/2"	Ø1 1/2"	-	Ø1 3/4"	Ø1 3/4"	-	-	Ø2"	K1
				-	-	-	-	-	-	-	-	-	-	-	-	-	Ø1 1/4"	-	-	-	-	-
Inlet ports A and B																						
05	SAE flange ports	Bottom	0	-	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•	L0	
		Rear	0	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	M0	
		Side	0	-	-	-	-	•	•	•	•	•	•	•	•	-	•	•	•	•	N0	
	1		-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	N1		
	Threaded	Side	0	•	•	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	Q0	
			1	-	-	-	-	•	•	•	-	-	-	-	-	-	-	-	-	-	Q1	
		Rear	0	•	•	•	•	•	•	•	•	-	-	-	-	-	-	-	-	-	P0	
0 = Without suitability for valves 1 = Compatible with flushing valve																						
Drain ports T1 and T2																						
06				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	U2	
Suitable for use of speed sensor																						
07	Yes			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1	
	No			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0	
Speed sensor																						
08	1 frequency signal			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1	
	1 signal with connector			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1P	
	2 signals with connector			○	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2P	
	No			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0	
Flushing valve																						
09	Without			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	SV	
	Flow rate	4,25 l/min*	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	-	VB04	
		10 l/min*	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	VB10	
		14 l/min*	-	-	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	VB14	
Low temperature option																						
10	Yes (NBR)			-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	N	
	No (FKM)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	F	

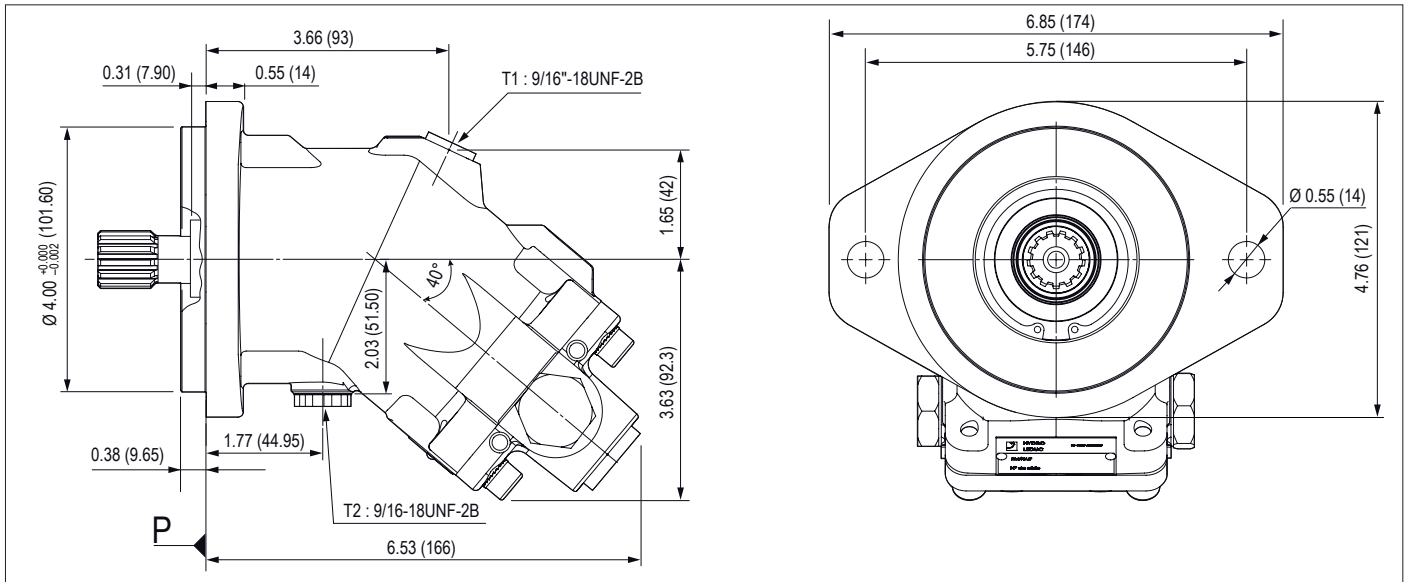
Legend:

• Existing model

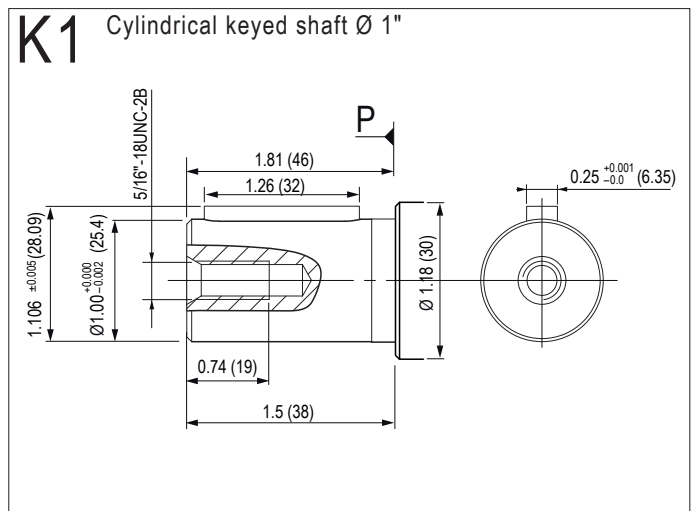
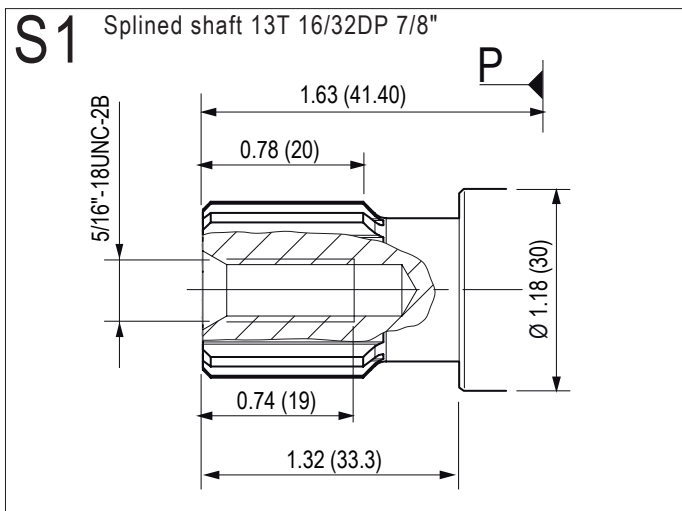
○ On request

- Not available

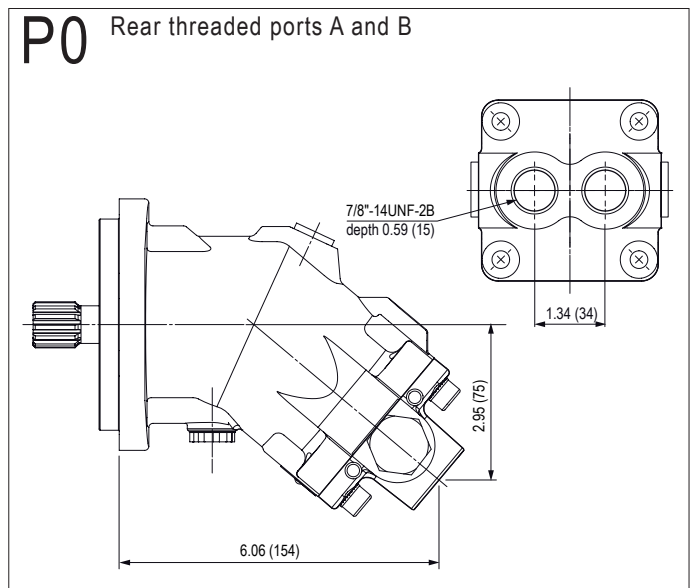
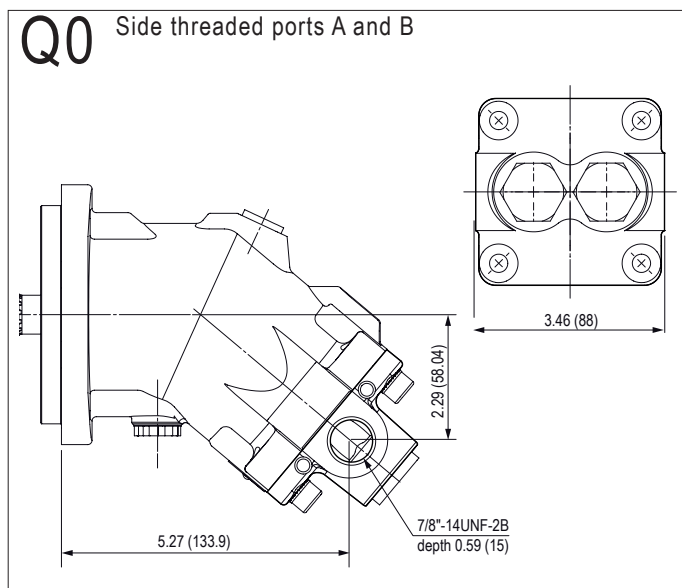
*(Δp = 25 bar)



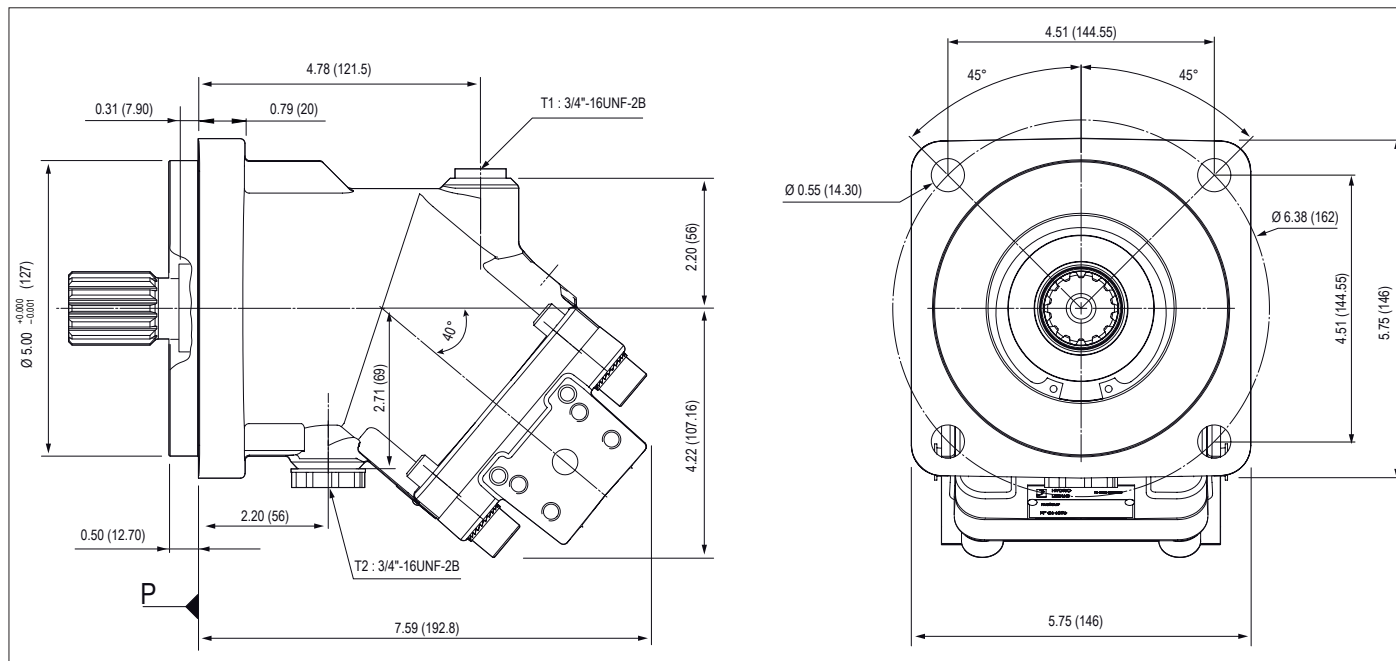
► Shaft end



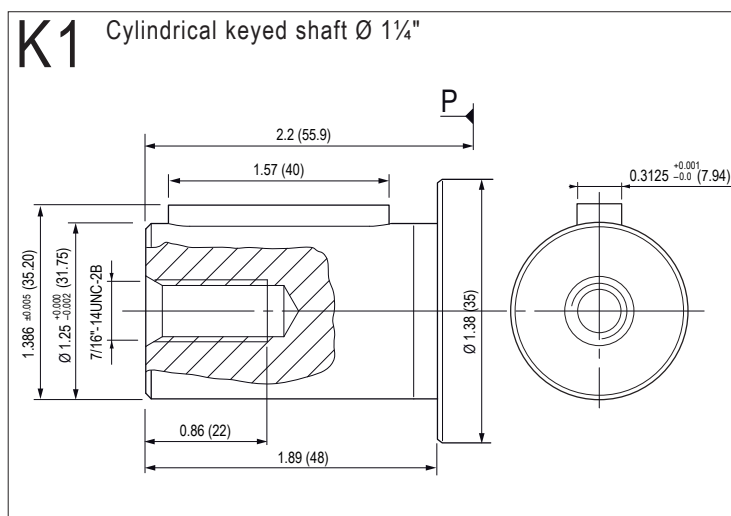
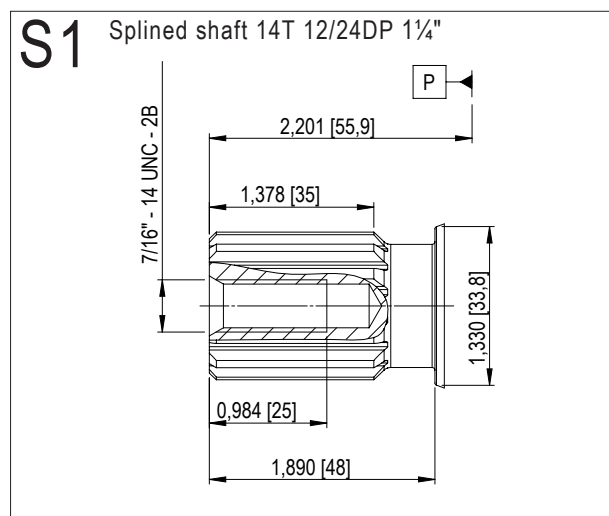
► Inlet ports

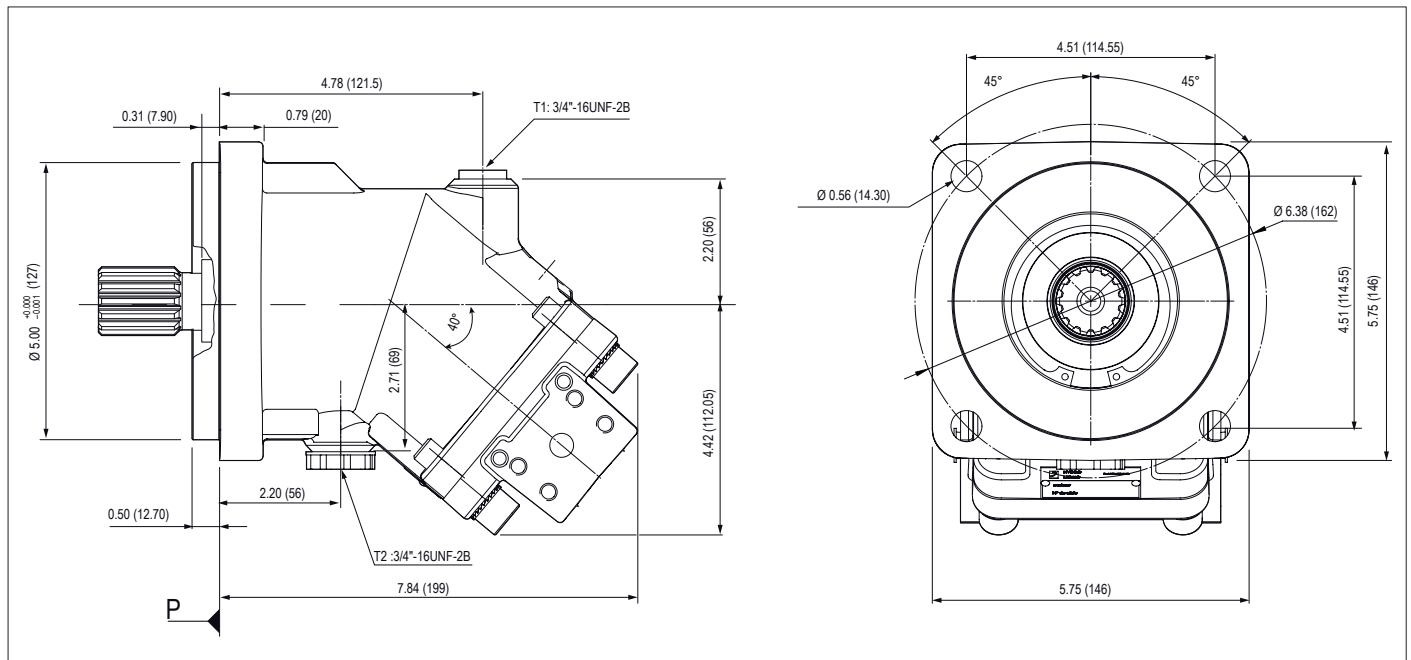


Dimensions in inches (mm) are given only as an indication.

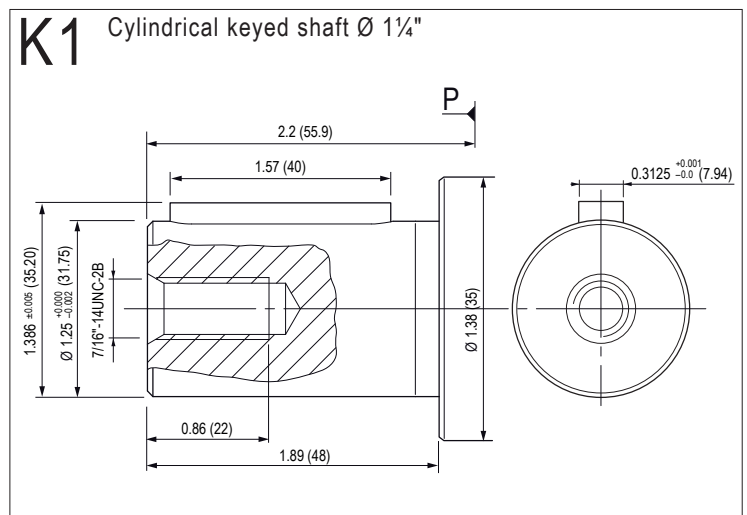
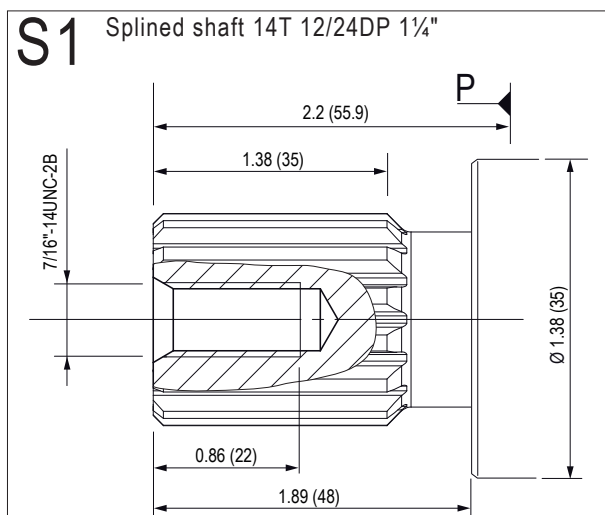


► **Shaft end**

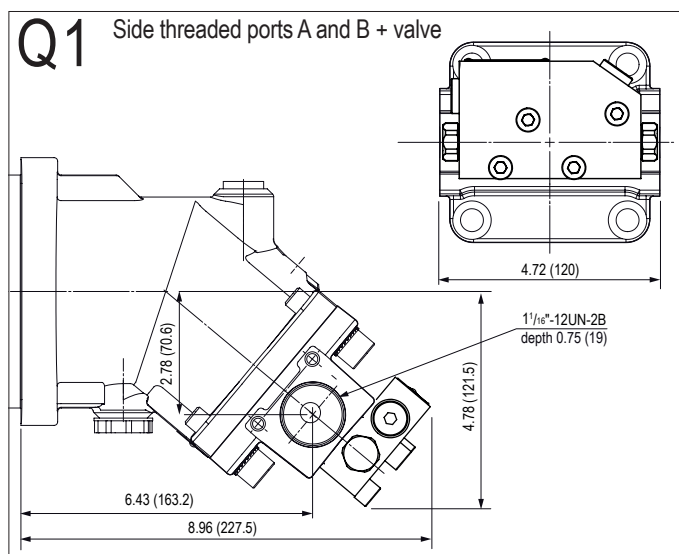
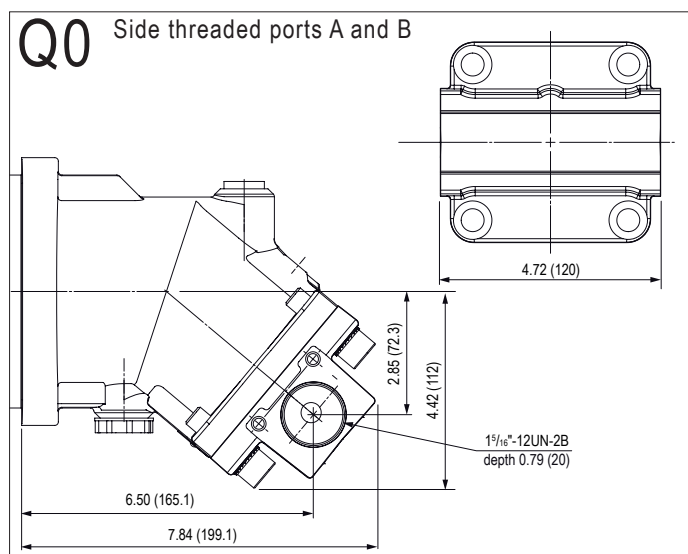
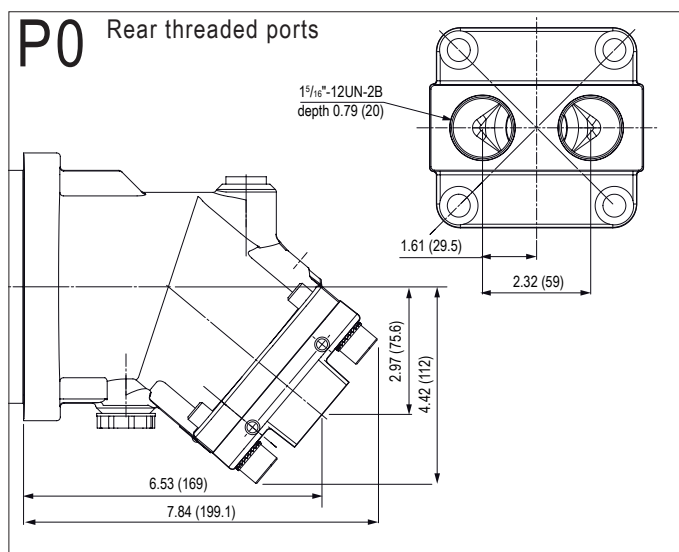
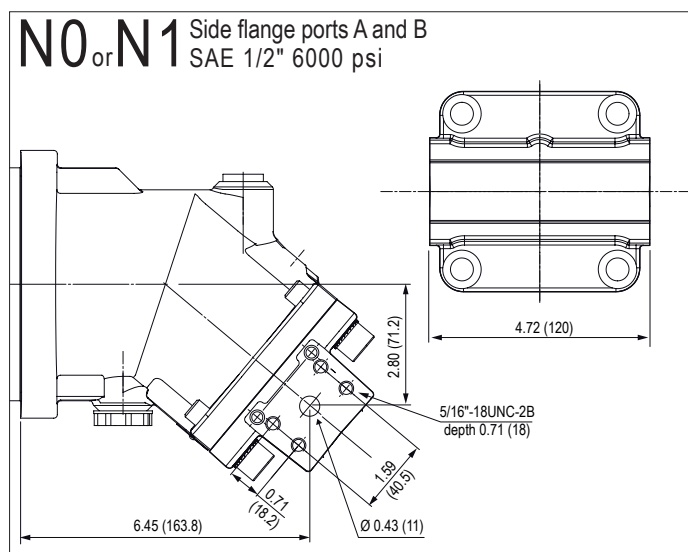
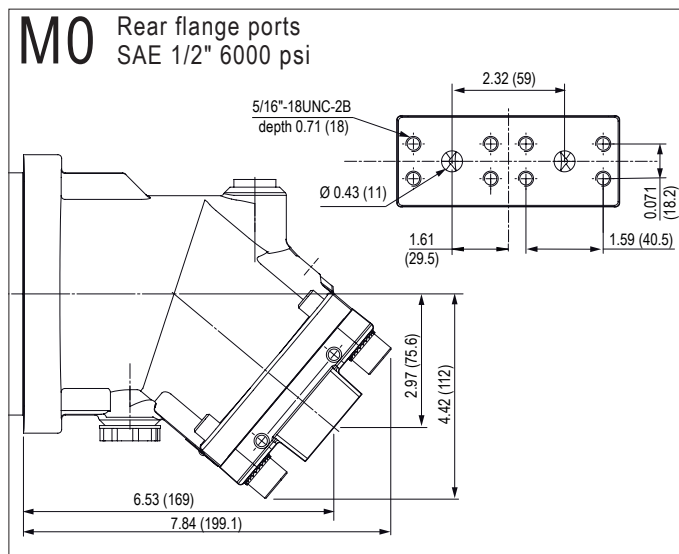
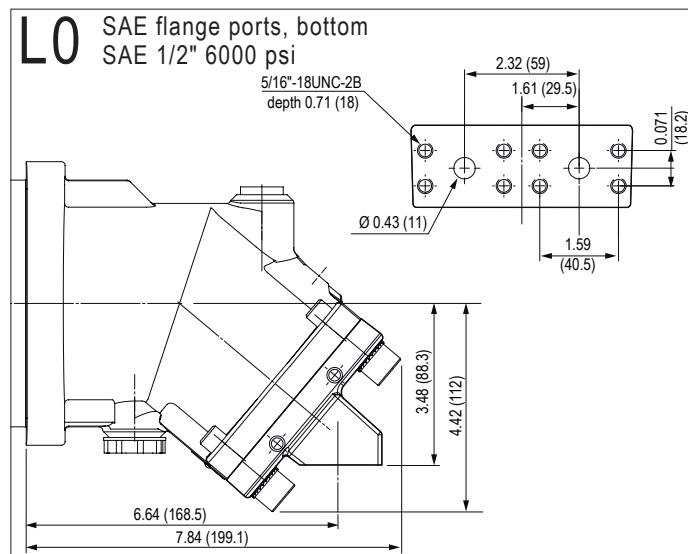


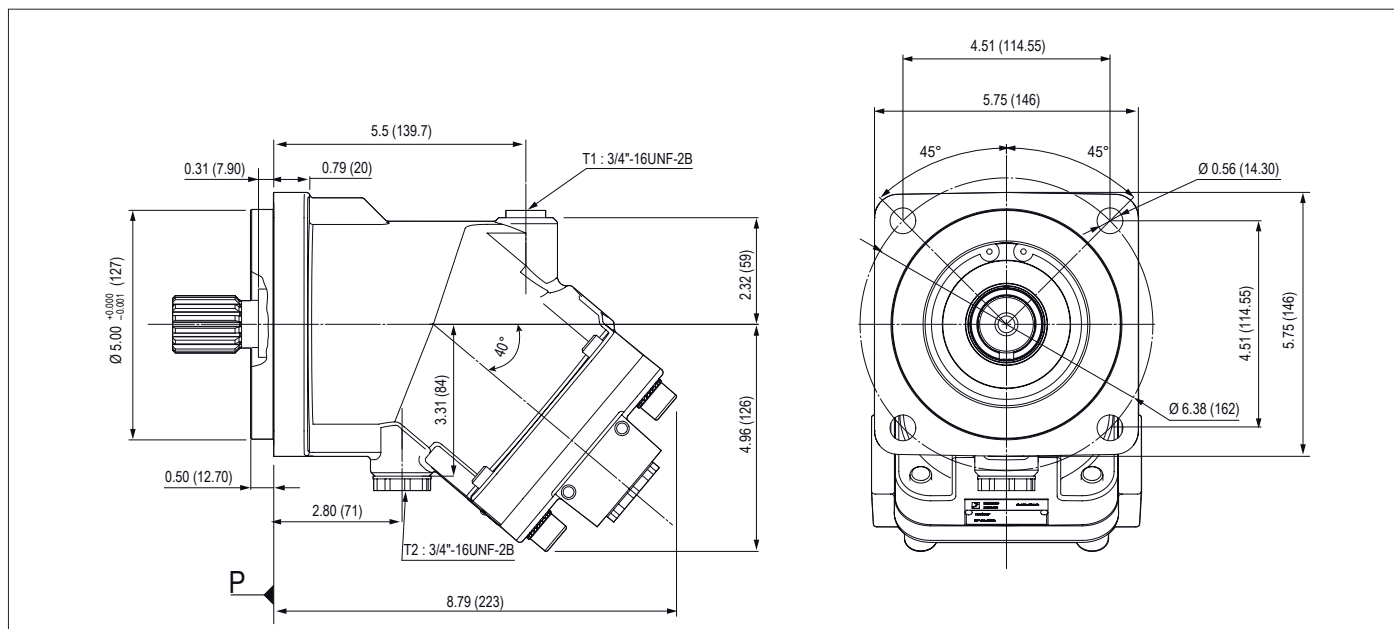


► Shaft end

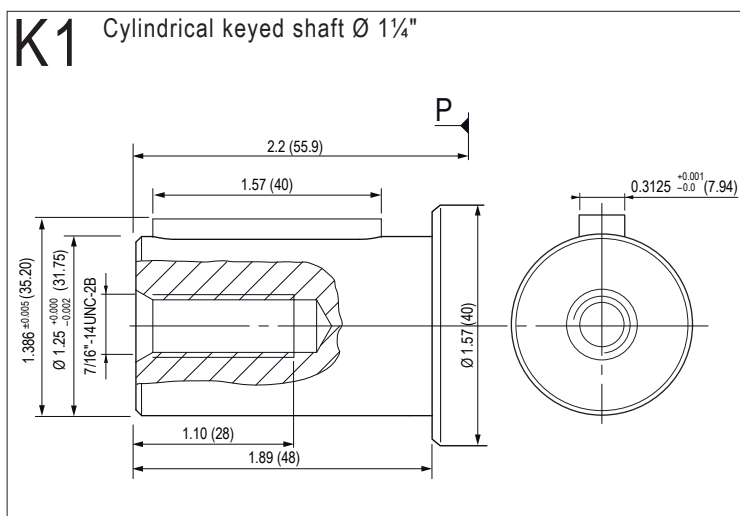
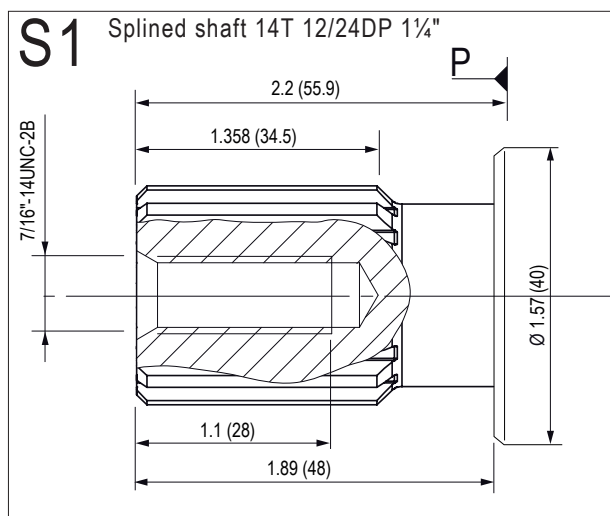


► Inlet ports



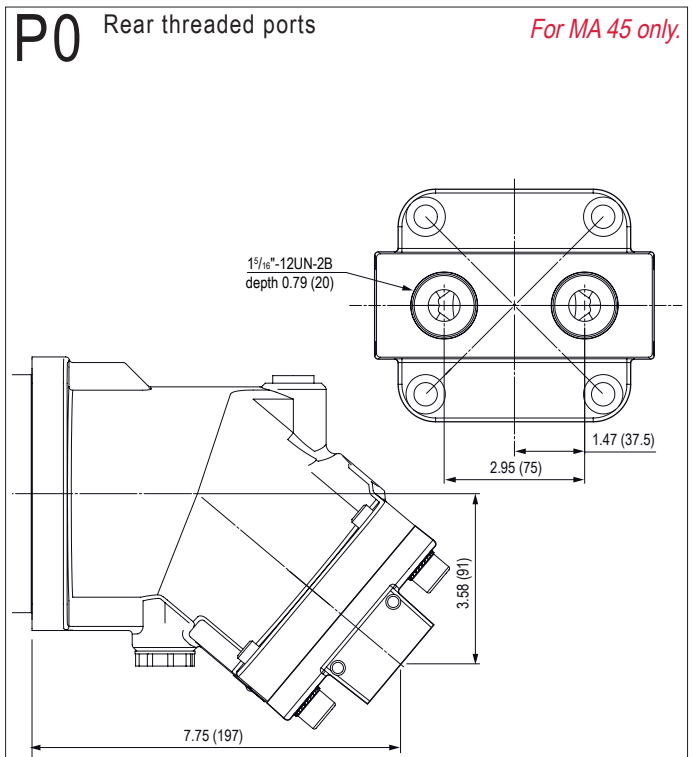
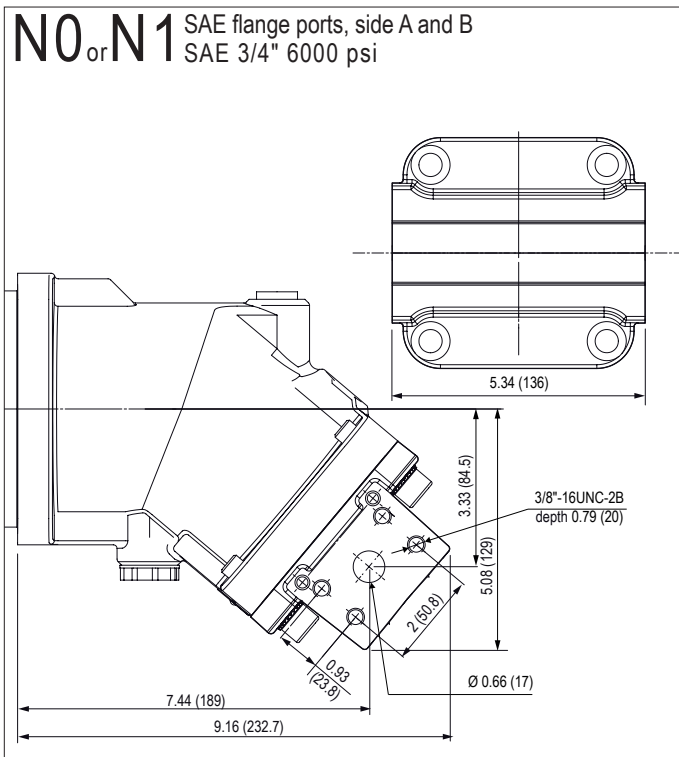
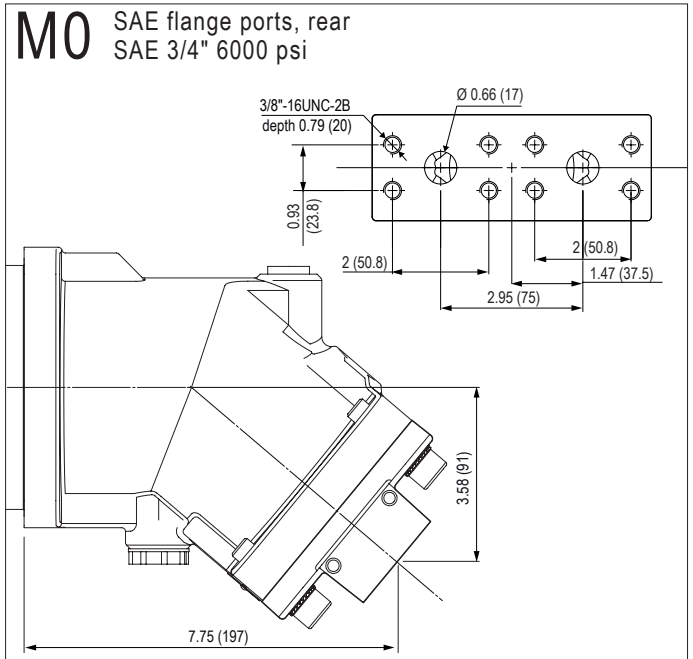
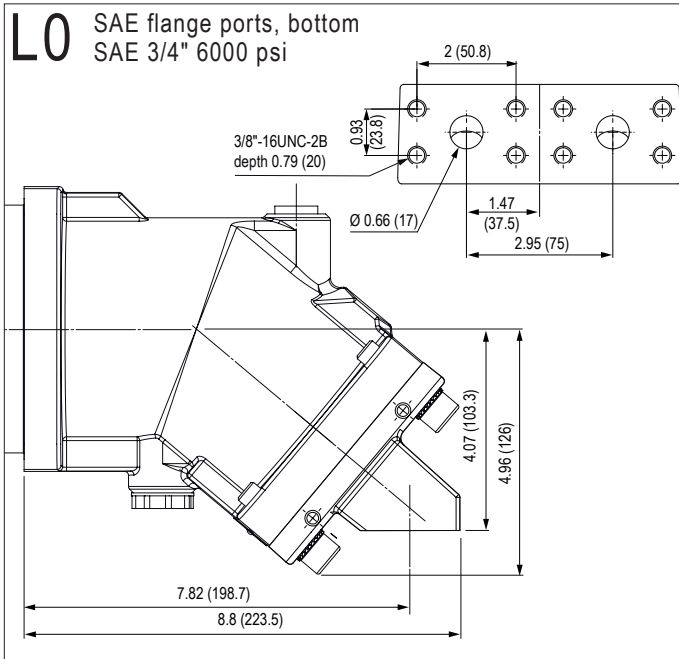


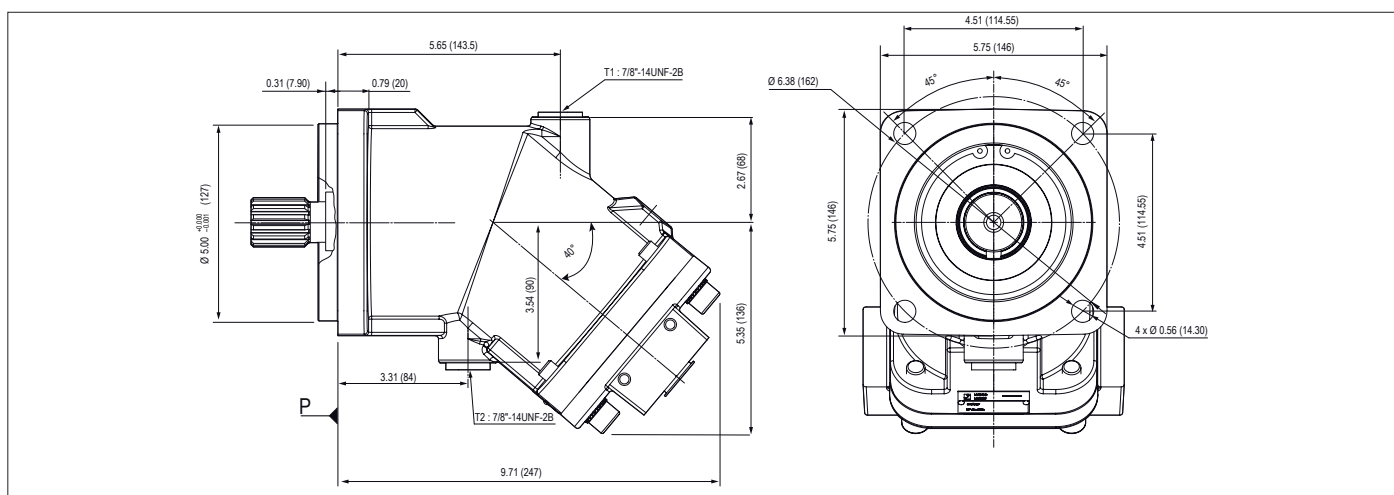
► **Shaft end**



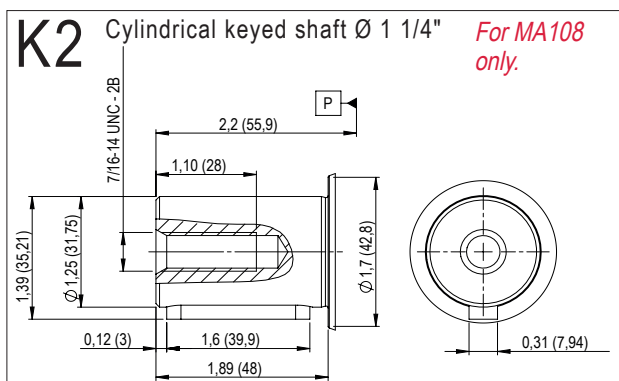
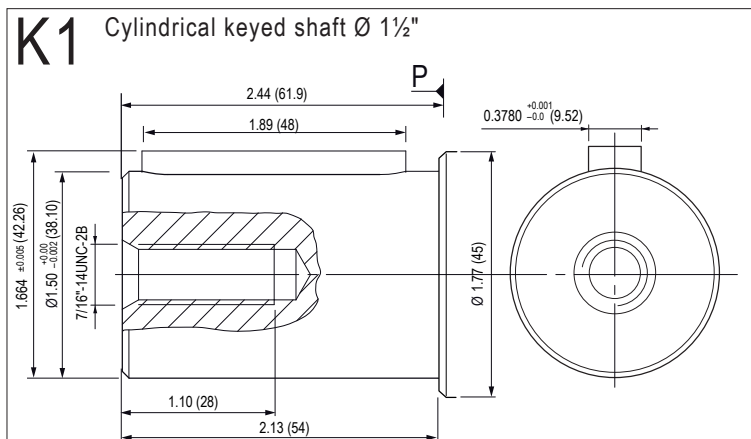
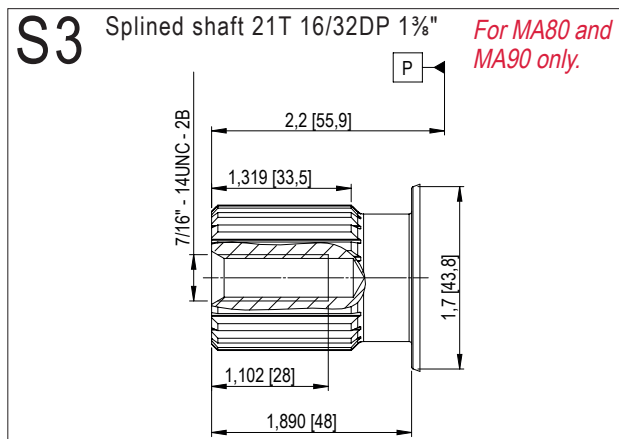
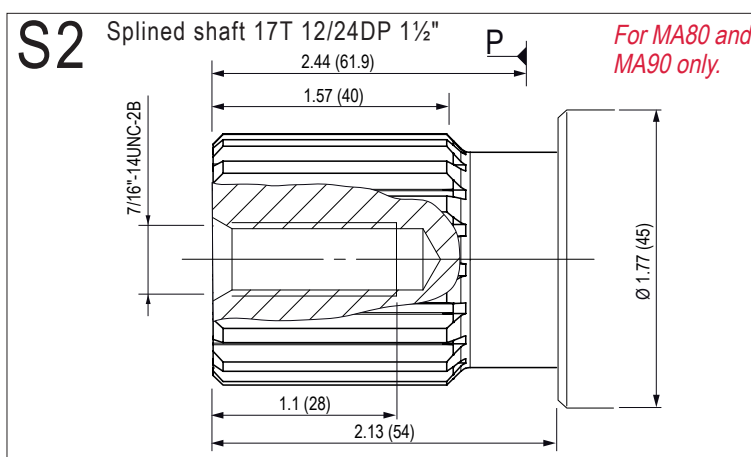
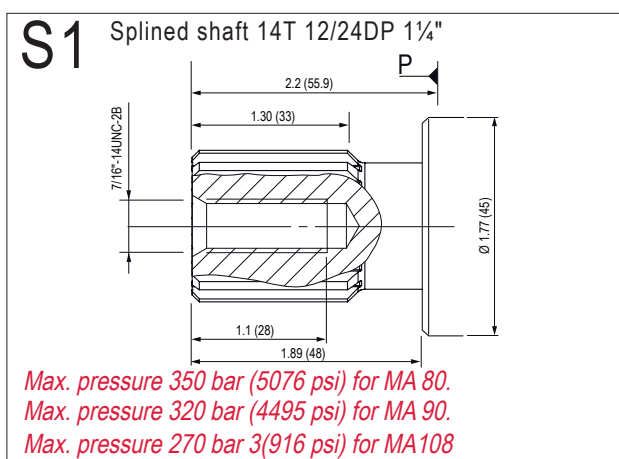
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Inlet ports



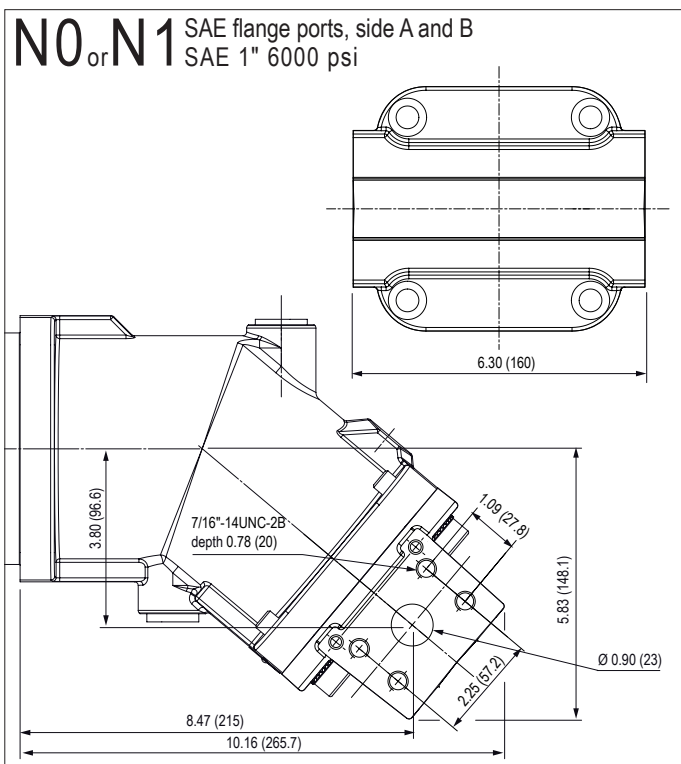
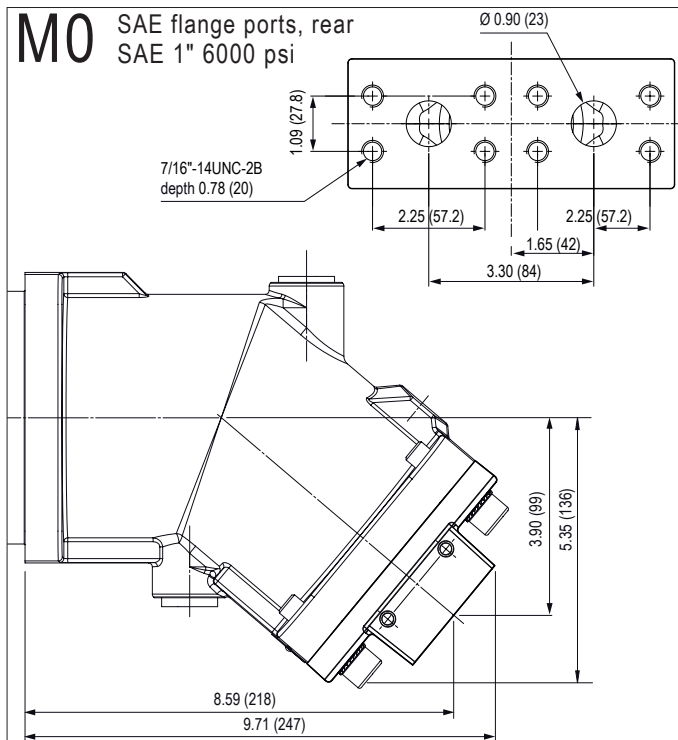
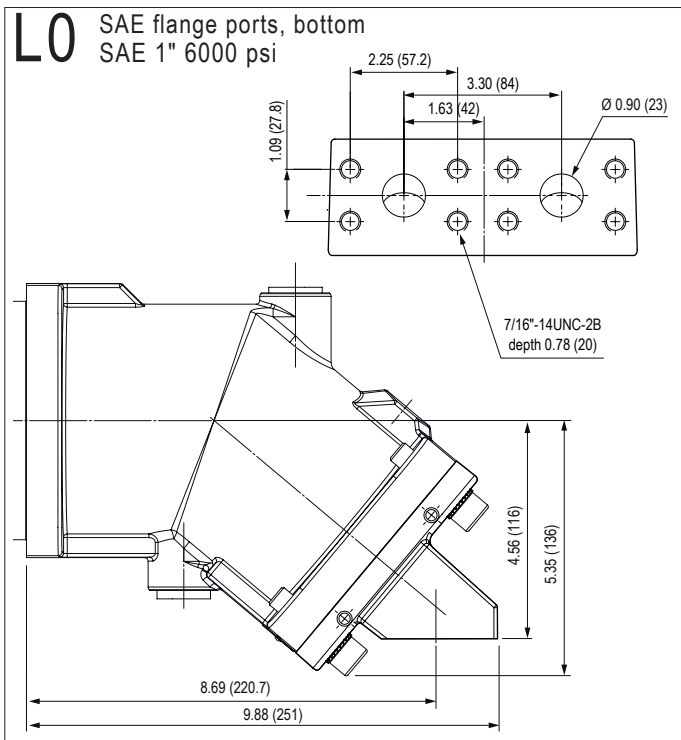


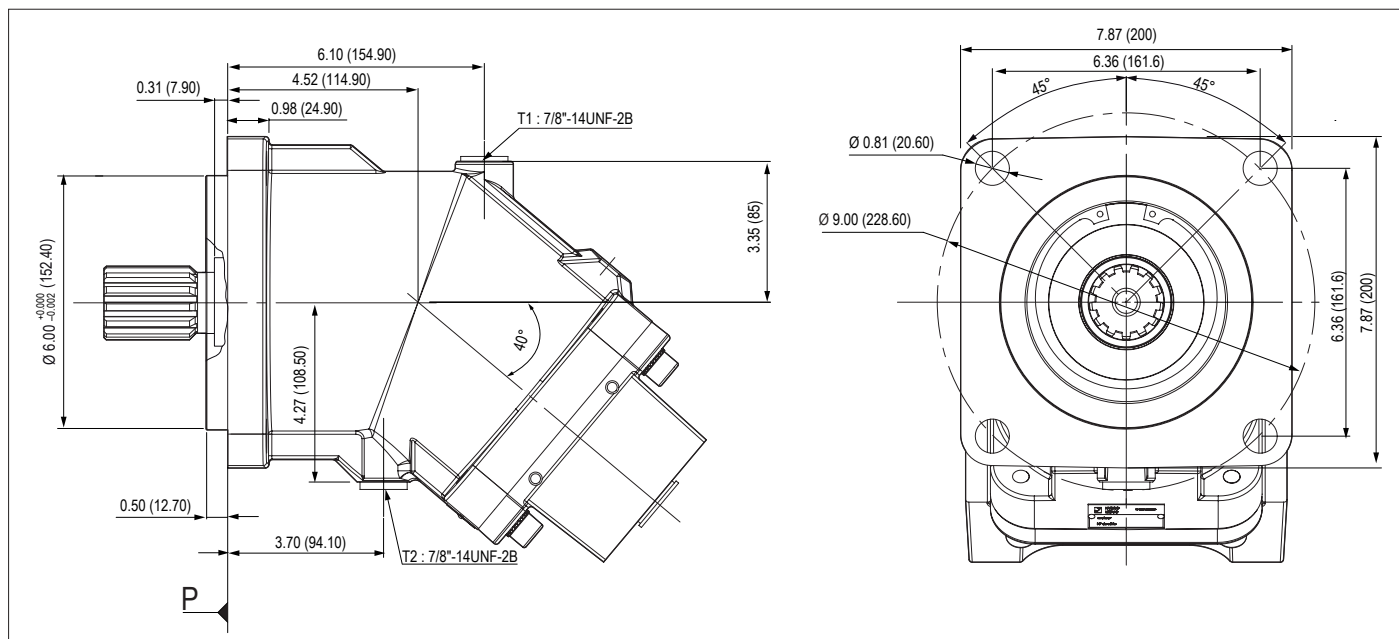
► Shaft end



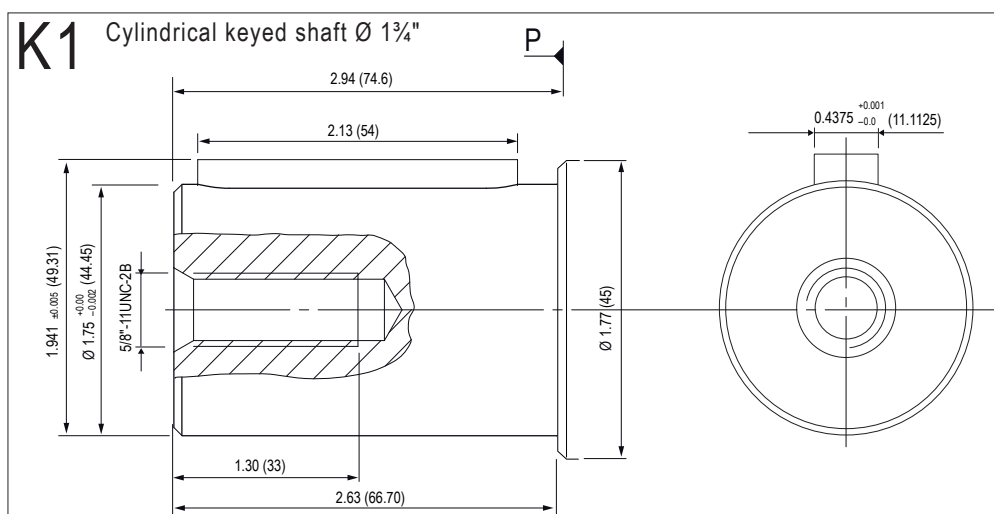
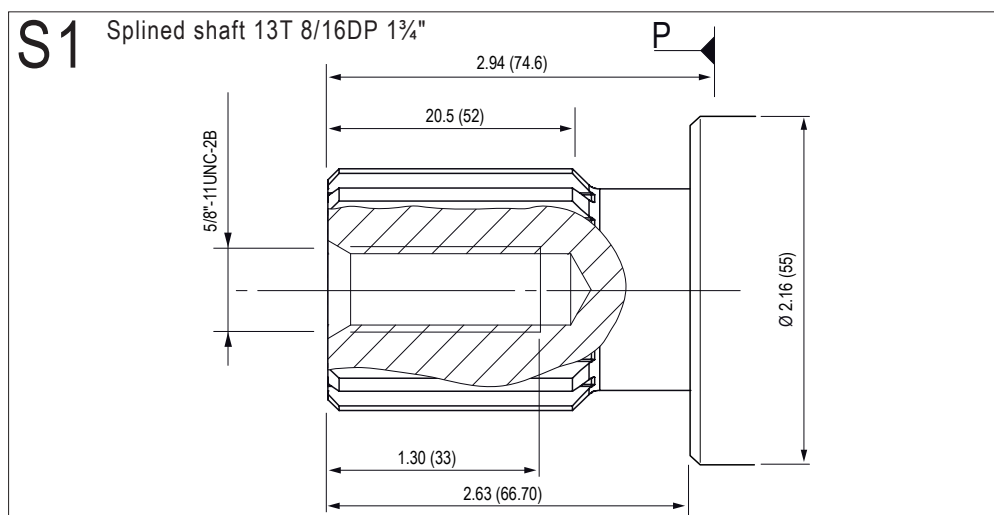
Dimensions in inches (mm) are given only as an indication.

► Inlet ports





► Shaft end

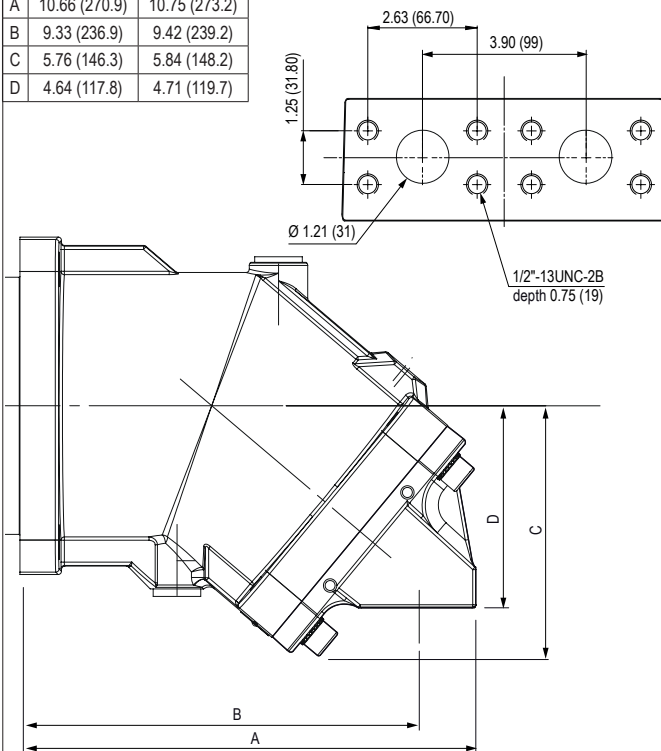


Dimensions in inches (mm) are given only as an indication.

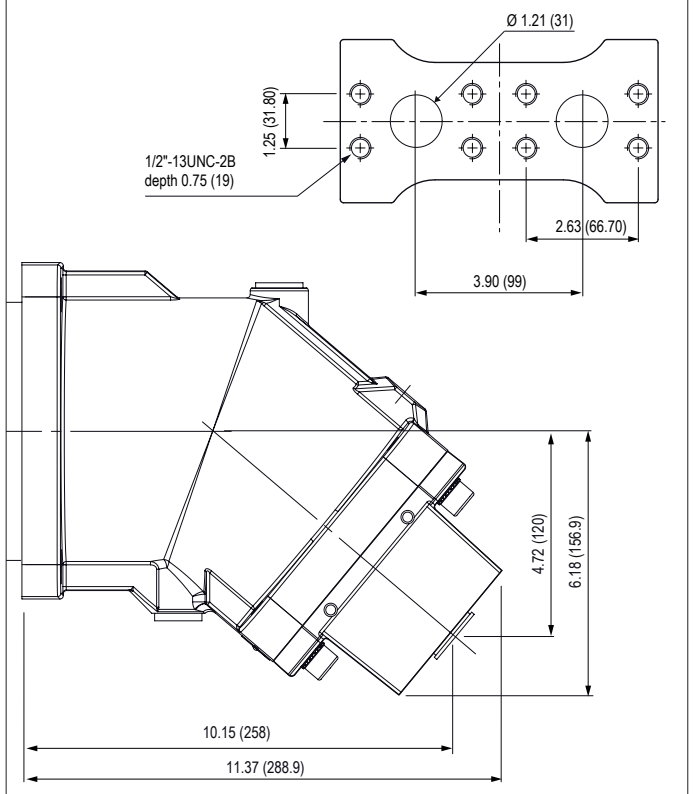
Inlet ports

L0 SAE flange ports, bottom SAE 1 1/4" 6000 psi

	MA 108R	MA 125
A	10.66 (270.9)	10.75 (273.2)
B	9.33 (236.9)	9.42 (239.2)
C	5.76 (146.3)	5.84 (148.2)
D	4.64 (117.8)	4.71 (119.7)

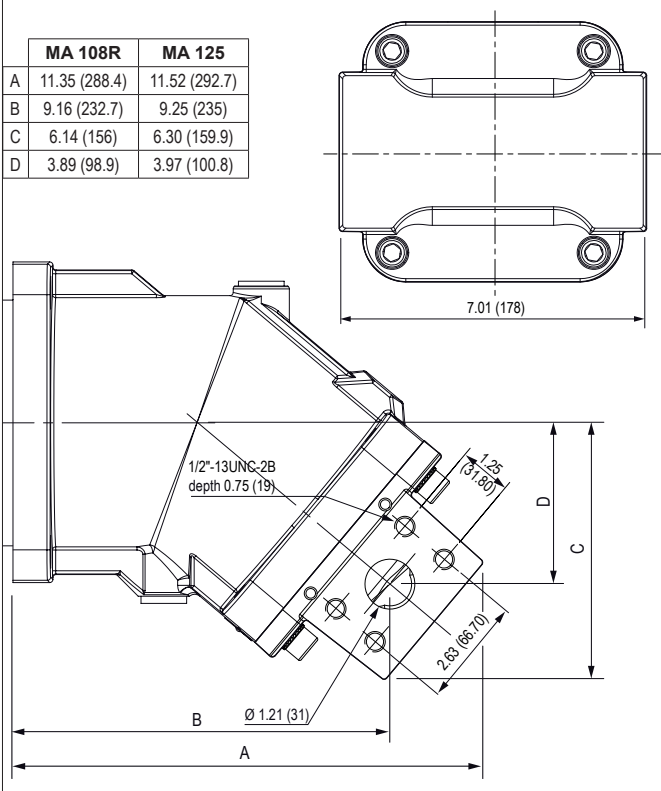


M0 SAE flange ports, rear SAE 1 1/4" 6000 psi

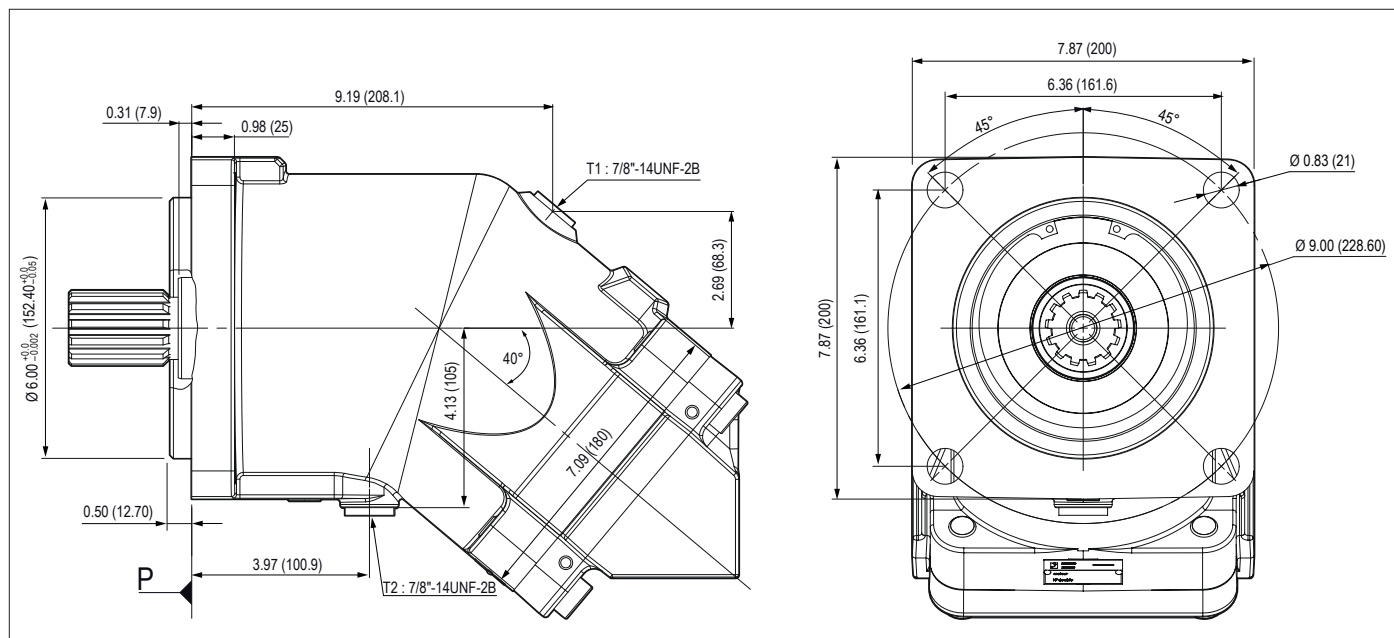


N0 or N1 SAE flange ports, side A and B SAE 1 1/4" 6000 psi

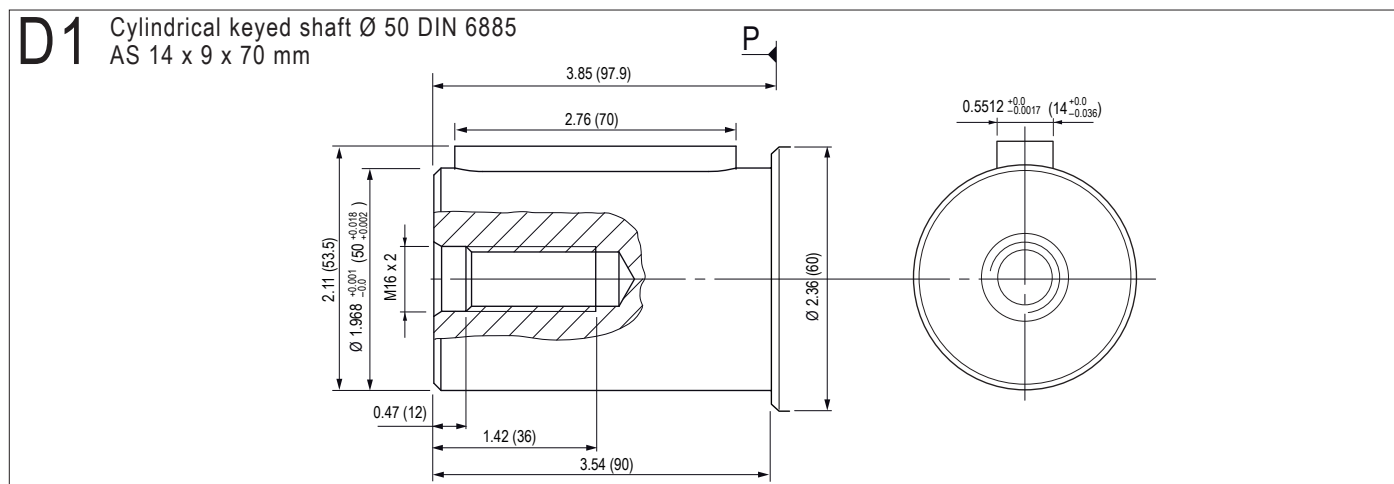
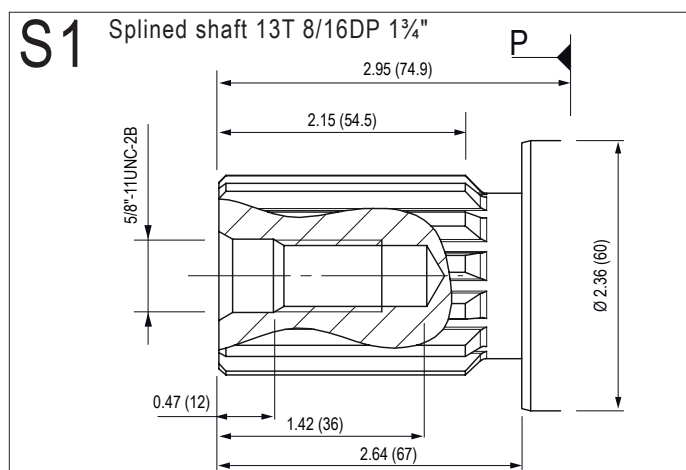
	MA 108R	MA 125
A	11.35 (288.4)	11.52 (292.7)
B	9.16 (232.7)	9.25 (235)
C	6.14 (156)	6.30 (159.9)
D	3.89 (98.9)	3.97 (100.8)



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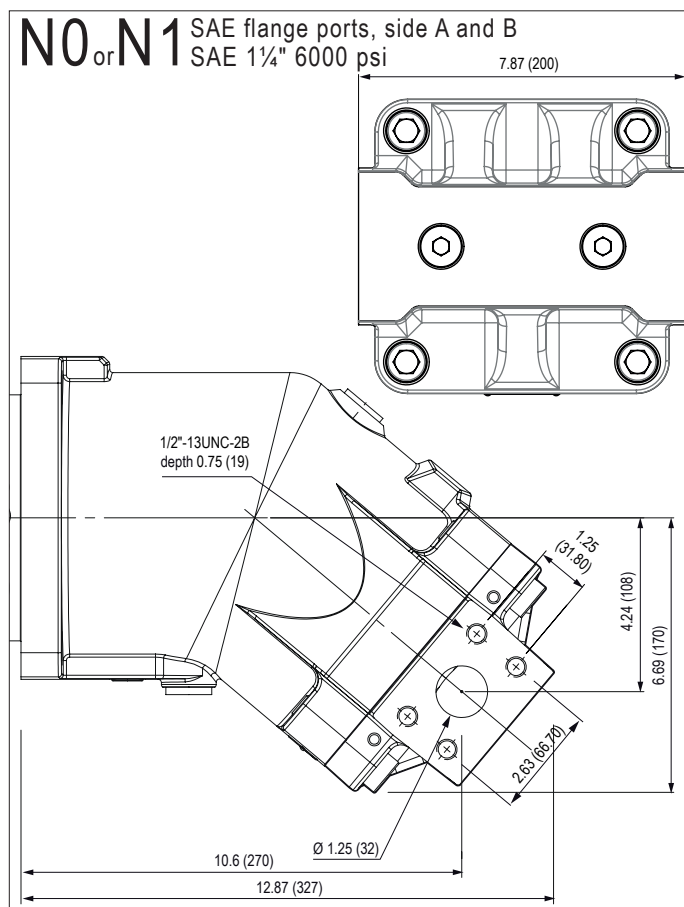
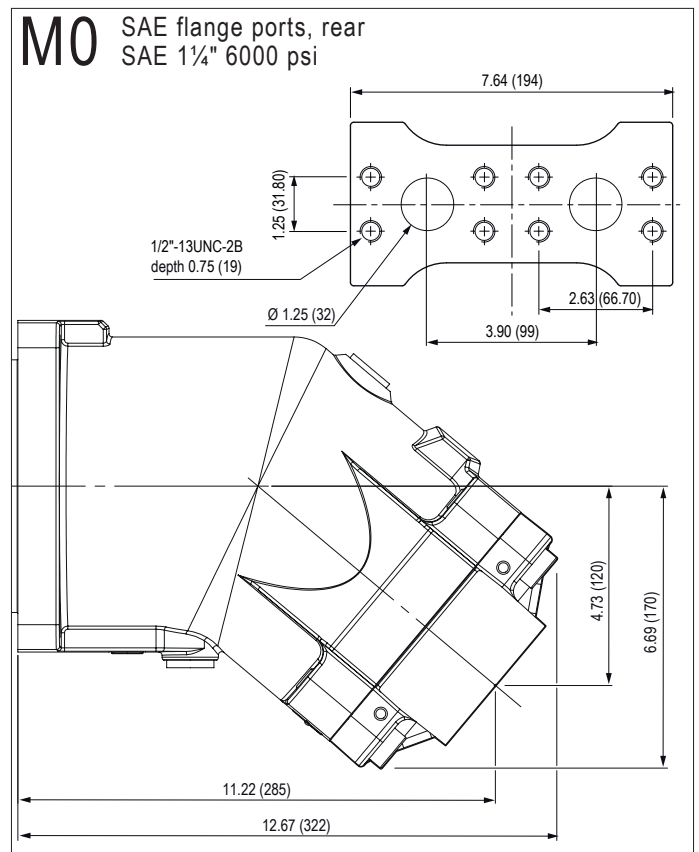
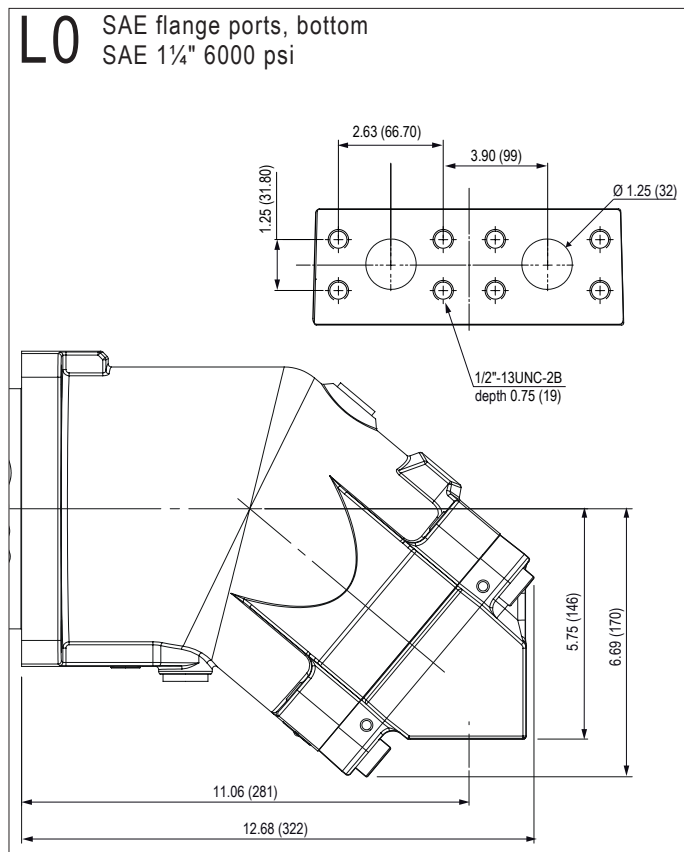


► Shaft end

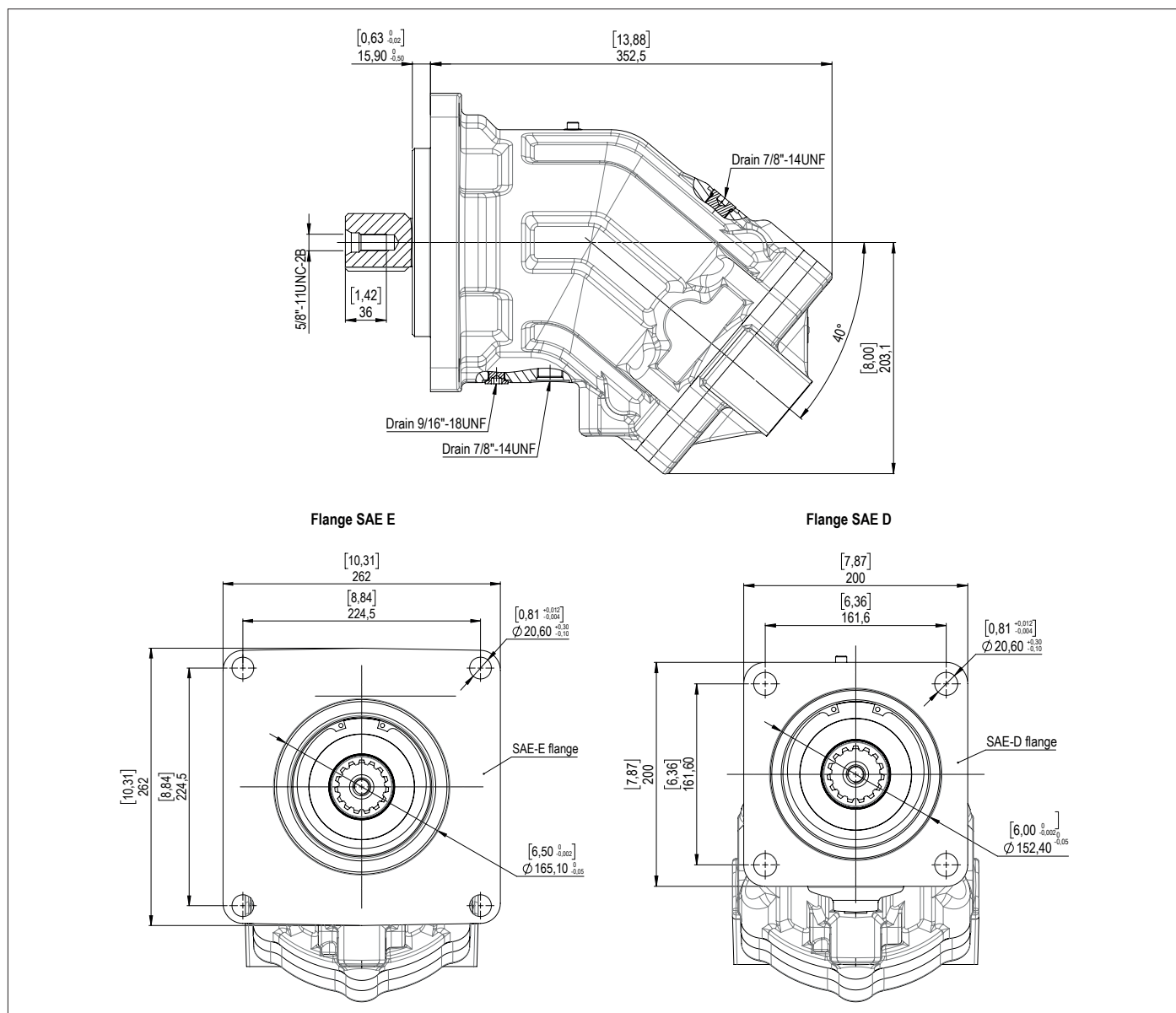


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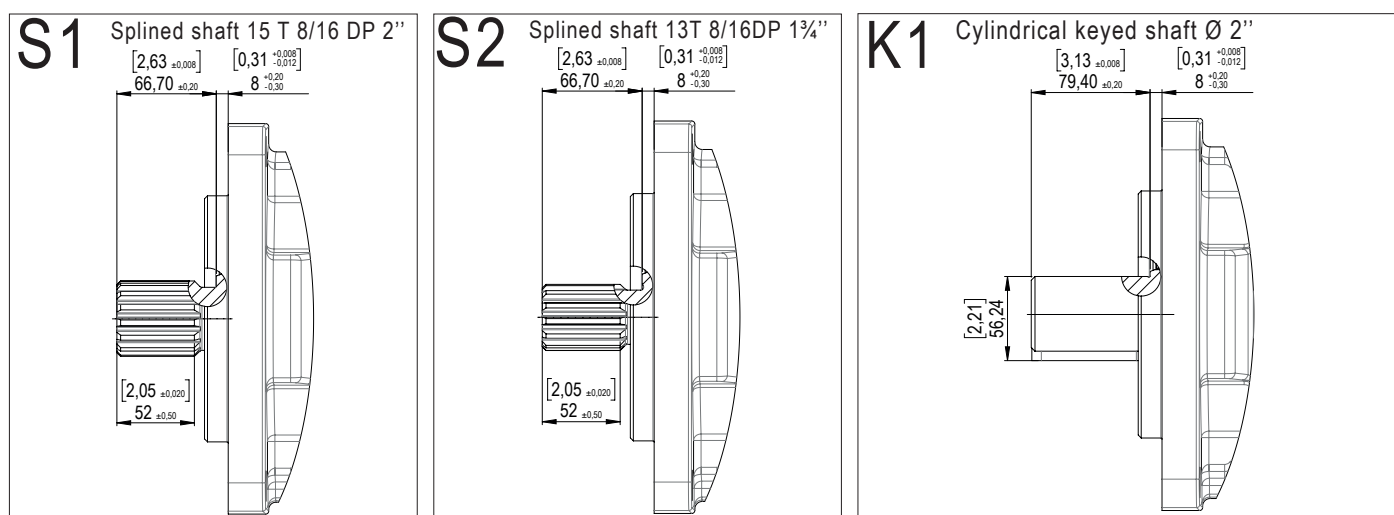
Inlet ports



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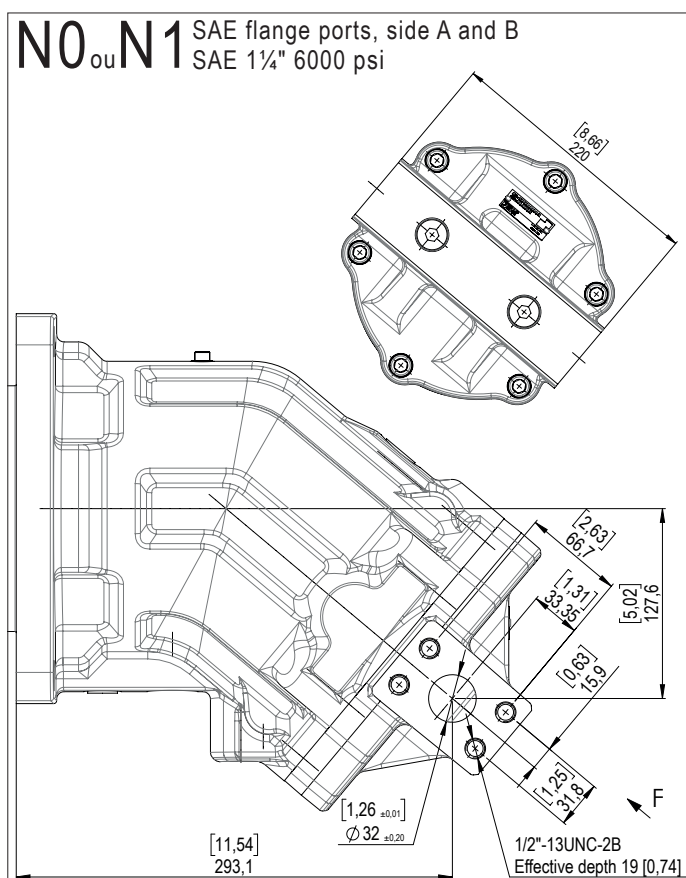
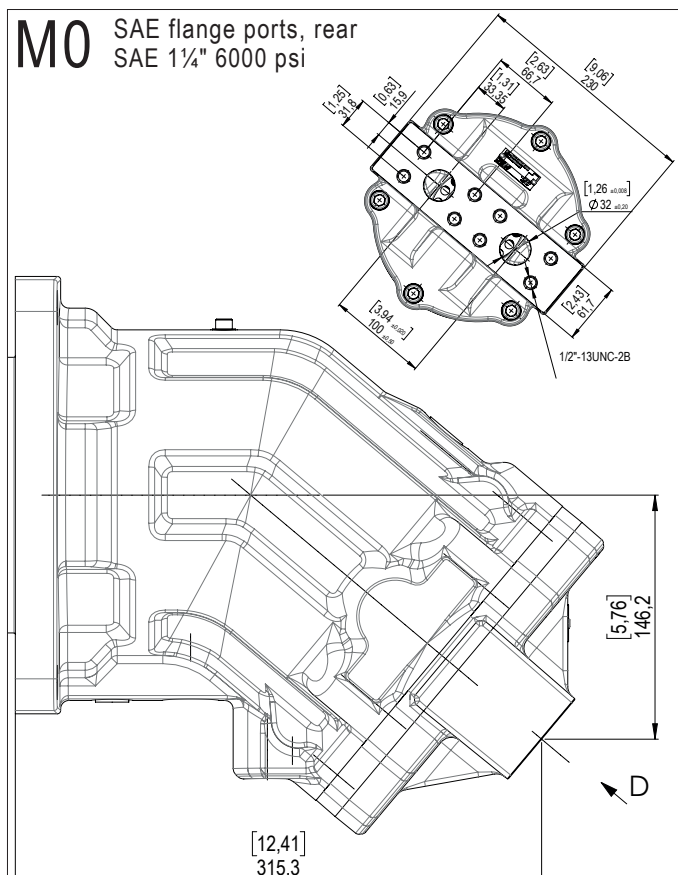
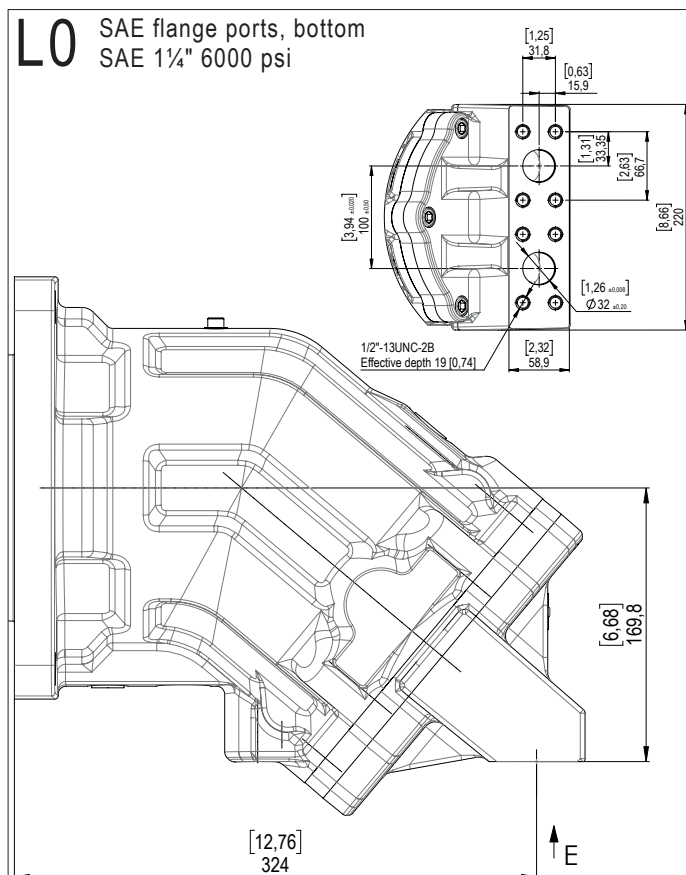


► Shaft end



Dimensions in inches (mm) are given only as an indication.

► Inlet ports



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