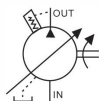
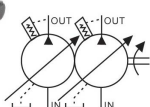


High Pressure Variable Displacement Piston Pump



High Pressure Variable Displacement Double Piston Pump



1. New type of swash plate and large servo piston with strong bias spring achieves fast response, reduce the noise due to active decompression of system at down stroke.
2. Nine pistons and new precompression technology (precompression filter volume) result in unbeaten low outlet flow pulsation.
3. Complete compensator program offers multiple controls.
4. Rigid and FEM-optimized body design for lowest noise level.
5. Thru drive for 100% nominal torque.
6. Pump combinations (multiple pumps) of same size and model and mounting interface for basically all metric or SAE mounting interfaces.
7. Wide application in automobile industrial, ships, forging machines, tire machines, injecting molding machines, machine tools, special-purpose machine.

- 350 bar nominal pressure: 350 bar 瞬間
- 420 bar peak Max. pressure: 420 bar

訂貨型號/標準產品 HOW TO ORDER

PV	063	GA	3	R	M	1	A	0	N		E
1	2	3	4	5	6	7	8	9	10	11	4
Series	Size and displacement	Control device	Pressure adjusting	Rotation	Mounting	Threads	Thru drive & 2nd pump	Voltage	Seals	Design No.	(P開頭) 使用 Horse power for horse power control ("P" prefix)

特性規格表 Quick Reference Data Chart

Size	Model	Pressure		Displacement		(7bar)100PSI Pump Delivery(7bar) 100 PSI				APPROX. Noise Levels			Speed		Weight
		nominal pressure	peak Max. pressure	cm3/rev	in3/rev	1500RPM		1800RPM		dBA Full Flow and 1500RPM			Max. RPM	Min. RPM	KG(LB)
						LPM	U.S.GPM	LPM	U.S.GPM	70bar (1KSI)	207bar (3KSI)	343bar (5KSI)			
1	PV016			16	0.98	24	6.3	28.8	7.6						
	PV020	350	420	20	1.2	30	7.9	36	9.5	56	60	68	2750		19(42)
	PV023			23	1.4	34.5	9.1	41.4	10.9						
	PV028	315	350	28	1.7	42	11	50.4	13.2						
2	PV032			32	1.9	48	12.7	57.6	15.2						
	PV040	350	420	40	2.4	60	15.9	72	19						
	PV046			46	2.8	69	18.2	82.2	21.9	59	62	69	2400		30(66)
	PV056	280	350	56	3.41	84	22.1	100.8	26.6						
3	PV065	250	315	65	3.96	97.5	25.7	117	30.9						
	PV063			63	3.8	94.5	25	113.4	30				2100		
	PV071	350	420	71	4.3	107	28.3	128.7	34				2100		
	PV080			80	4.8	120	31.7	144	38				2000		
4	PV092			92	5.6	138	36.5	165.6	43.8	66	70	74	1900		60(132)
	PV110	250	280	110	6.7	165	43.6	198	52.3				1900		
	PV125	250	280	125	7.6	187.5	49.5	225	59.4				1900		
	PV140	350	420	140	8.5	210	55.5	252.1	66.6	70	74	76			
5	PV180			180	11	270	71.3	324	85.6	71	75	77	2200		90(198)
	PV210	300	350	210	12.8	315	83.1	378	99.8	73	77	79	2100		
5	PV270	350	420	270	16.5	405	107	486	128.4	77	79	89	1800		172(379)

1. Outlet port is on the top, the pipe pressure should be less than 2 bar.

2. The usage of max. pressure for each circle never exceed 6 seconds. Please see the Genral Installation Information for hydraulic oil cleanliness manual.

1	Axial piston pump variable displacement high pressure version	50 bar nominal pressure: 350 bar	420 bar peak Max. pressure: 420 bar	PV
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Size and displacement

2	Code		016	020	023	028	032		040	046	056	065	063		071	080	092	110		125	140		180	210	270	
	Size		Body1					Body2					Body3					Body4					Body5			
	Displacement	cm/rev	16	20	23	28	32		40	46	56	65	63		71	80	92	110	125	140		180	210	270		
		In/ rev	0.98	1.2	1.4	1.7	1.9		2.4	2.8	3.41	3.96	3.8		7.3	4.8	5.6	6.6	7.6	8.5		11	12.6	16.5		

Control device

3	Standard pressure compensator	A0
	None pressure compensator (fixed displacement)(pressure protection required)	LN
	Electrical 2-stage flow compensator (pressure protection required)	LS
	Fixed displacement 2-stage flow compensator (pressure protection required)	LC
	Remote type	
	Remote pressure compensator with NG6 interface	GM
	Remote pressure compensator + Relief valve	GA
	Remote pressure compensator + Proportional pressure valve	GJ
	Electrical unloading type	
	Remote pressure compensator + Electrical unloading	GR
	Remote pressure compensator + 2-stage pressure control	GB
	Remote pressure compensator + Electrical unloading + 2-stage pressure control	GC
	Load-sensing type	
	Load-sensing compensator with NG6 interface	HM
	Load-sensing compensator + Relief valve	HA
	Load-sensing compensator + Proportional pressure valve	HJ
	Load-sensing + Electrical unloading type	
	Load-sensing compensator + Electrical unloading	HR
	Load-sensing compensator + 2-stage pressure control	HB
	Load-sensing compensator + Electrical unloading + 2-stage pressure control	HC
	Proportional pressure, flow type	
	Load-sensing compensator + Proportional flow valve + Relief valve	HQ
	Load-sensing compensator + Proportional pressure valve + Proportional flow valve	HK
	None-stage flow compensator (Cylinder)	BQ
	Horse power type	
	Horse power compensator with NG6 interface	PM
	Horse power compensator + Relief valve	PA
	Horse power compensator + Proportional pressure valve	PJ
	Horse power compensator + Relief valve + Electrical unloading	PR
	Horse power load-sensing compensator + Relief valve	PH
	Horse power load-sensing compensator + Proportional flow valve + Relief valve	PQ
	Horse power load-sensing compensator + Proportional pressure valve	PS

Pressure adjustment

4	10~140 bar (145~2030 PSI)	2
	35~250bar (507~3625 PSI)	3
	40~280bar (580~4060 PSI)	4
	50~315bar (725~4567 PSI)	5
	70~350bar (1015~5075 PSI)	6

Pressure range for each displacement :

4	PV016~PV023	2	3	4	5	6
	PV028	■	■	■	■	—



Pressure range for each displacement :

		2	3	4	5	6
4	PV032~PV046	■	■	■	■	■
	PV056	■	■	■	—	—
	PV065	■	■	—	—	—
	PV063~PV092	■	■	■	■	■
	PV110,PV125	■	■	—	—	—
	PV140,PV180	■	■	■	■	■
	PV210	■	■	■	—	—
	PV270	■	■	■	■	■

Pressure range for each control device :

		2	3	4	5	6
5	A0 Standard pressure compensator	■	■	■	■	■
	LN None pressure compensator (fixed displacement)(pressure protection required)	■	■	■	■	■
	LS Electrical 2-stage flow compensator (pressure protection required)	■	■	■	■	■
	LC Fixed displacement 2-stage flow compensator (pressure protection required)	■	■	■	■	■
	Remote type					
	GM Remote pressure compensator with NG6 interface	■	■	■	■	■
	GA Remote pressure compensator + Relief valve	■	■	■	■	■
	GJ Remote pressure compensator + Proportional pressure valve	■	■	—	—	—
	Electrical unloading type					
	GR Remote pressure compensator + Electrical unloading	■	■	■	■	■
	GB Remote pressure compensator + 2-stage pressure control	■	■	■	■	■
	GC Remote pressure compensator + Electrical unloading + 2-stage pressure control	■	■	■	■	■
	Load-sensing type					
	HM Load-sensing compensator with NG6 interface	■	■	■	■	■
	HA Load-sensing compensator + Relief valve	■	■	■	■	■
	HJ Load-sensing compensator + Proportional pressure valve	■	■	—	—	—
	Load-sensing + Electrical unloading type					
	HR Load-sensing compensator + Electrical unloading	■	■	■	■	■
	HB Load-sensing compensator + 2-stage pressure control	■	■	■	■	■
	HC Load-sensing compensator + Electrical unloading + 2-stage pressure control	■	■	■	■	■
	Proportional pressure, flow type					
	HQ Load-sensing compensator + Proportional flow valve + Relief valve	■	■	■	■	■
	HK Load-sensing compensator + Proportional pressure valve + Proportional flow valve	■	■	—	—	—
	BQ None-stage flow compensator (Cylinder)	■	■	■	■	■
	Horse power type					
	PM Horse power compensator with NG6 interface	■	■	■	■	■
	PA Horse power compensator + Relief valve	■	■	■	■	■
	PJ Horse power compensator + Proportional pressure valve	■	■	—	—	—
	PR Horse power compensator + Relief valve + Electrical unloading	■	■	■	■	■
	PH Horse power load-sensing compensator + Relief valve	■	■	■	■	■
	PQ Horse power load-sensing compensator + Proportional flow valve + Relief valve	■	■	■	■	■
	PS Horse power load-sensing compensator + Proportional pressure valve	■	■	—	—	—



Pressure adjusting horse power for horse control ("p"prefix)

4	Displacement	Horse power															
	PV016~PV023,28	A 3KW B 4KW C 5.5KW D 7.5KW E 11KW															
	PV032~PV046,56,65	C 5.5KW D 7.5KW E 11KW F 15KW G 18.5KW H 22KW															
	PV063~PV092,110,125	E 11KW F 15KW G 18.5KW H 22KW I 30KW J 37KW K 45KW															
	PV140	G 18.5KW H 22KW I 30KW J 37KW K 45KW L 55KW															
	PV180,210	H 22KW I 30KW J 37KW K 45KW L 55KW M 75KW N 90KW															
	PV270	J 37KW K 45KW L 55KW M 75KW N 90KW O 110KW P 132KW															

Rotation

5		Clockwise	R
		Counter clockwise	L

Mounting

6	連接型式 Body		1	2	3	4	5
	Mounting						
	公制規格 Metric	Parallel keyed	M R	M R	M R	M R Q	M R
		Splined	K S	K S P	K S	K S P	K S
	Inch	Parallel keyed	N J	N J	N J	N J F	N J
		Splined	D U	D U G	D U	D U G	D U

(Dimensions refer to dimension diagram)

Thread Size

7	BSPP (G)	1	※
	PT (RC)	2	
	UNF (SAE)	3	
	ISO 6149 (M)	7	

Thru drive & 2nd pump

8	Displacement	Code															
	PV016~PV270	A 單泵 Single pump B Prepared for thru drive															
	PV016~PV023,28	C D E I J K															
	PV032~PV046,56,65	D E F I J K L															
	PV063~PV092,110,125	D E F G I J K L M															
	PV140~PV180,210	D E F G J K L M															
	PV270	D E F G H J K L M N															

Size

8	SAE AA, Ø50.8 mm	C
	SAE A, Ø82.55mm	D
	SAE B, Ø101.6 mm	E
	SAE C, Ø127 mm	F
	SAE D, Ø152.4 mm	G
	SAE E, Ø165.1 mm	H
	Metric, Ø63mm	I
	Metric, Ø80 mm	J
	Metric, Ø100 mm	K
	Metric, Ø125 mm	L
	Metric, Ø160 mm	M
	Metric, Ø200 mm	N

Other pumps are acceptable to order

Voltage

9	None	0
	AC100V (50/60HZ)	A
	AC110V (60HZ)	B
	AC200V (50/60HZ)	C
	AC220V (60HZ)	D
	DC 12V	E
	DC 24V	F

Seals

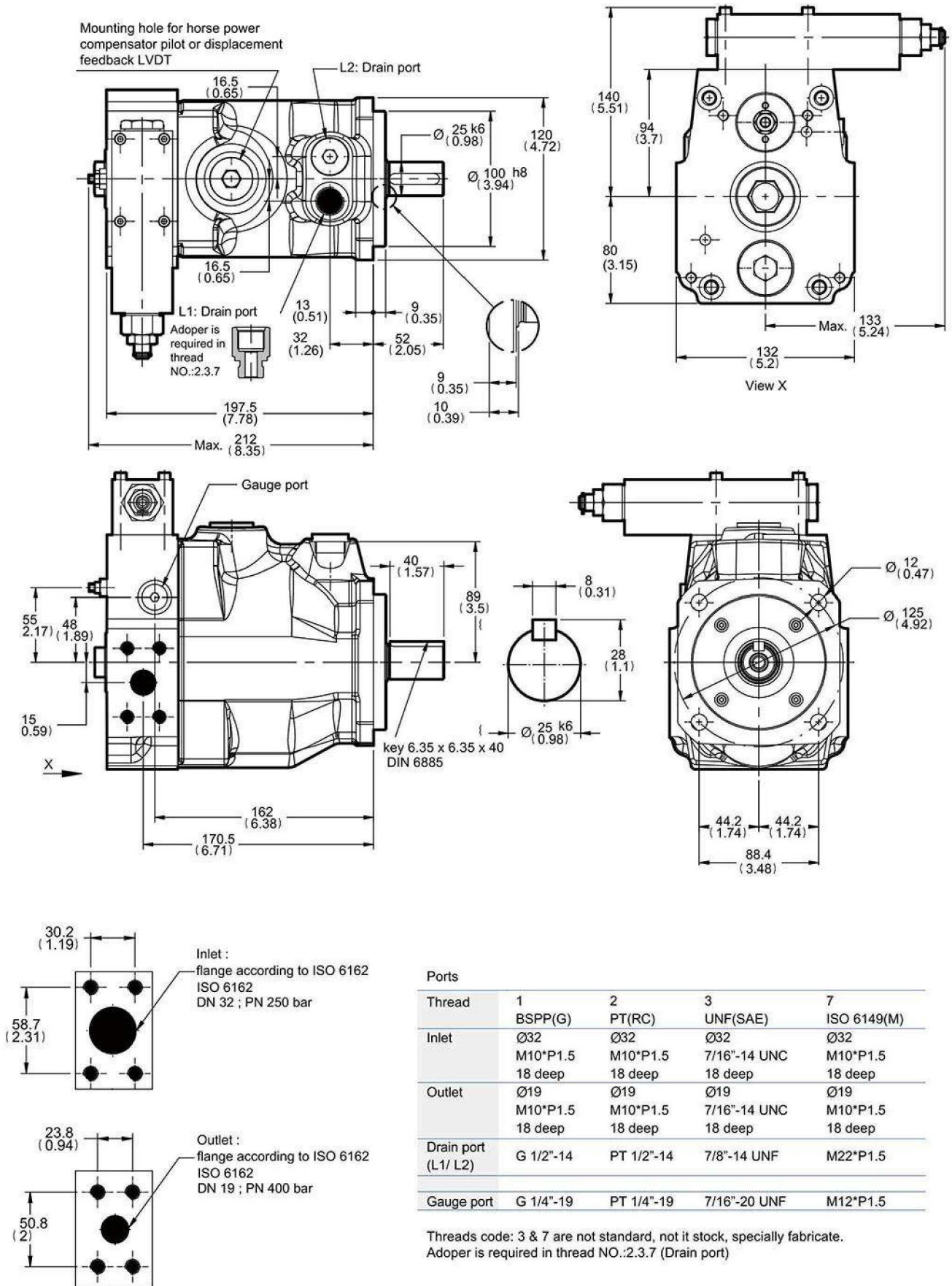
10	NBR	N	※
	VITON,FKM	V	
	Ethylen-propylene	E	

■=可供貨available —=不可供貨not available ※=標準供貨 standard type

Dimensions

PV016 ~ PV023,PV028(Body 1)

Metric version (Motor Mounting Ø101.6)



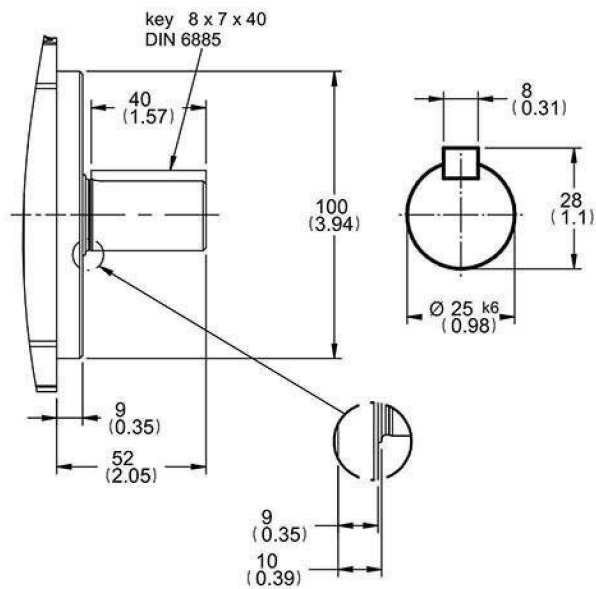
Dimensions

PV016 ~ PV023, PV028 (Body 1)

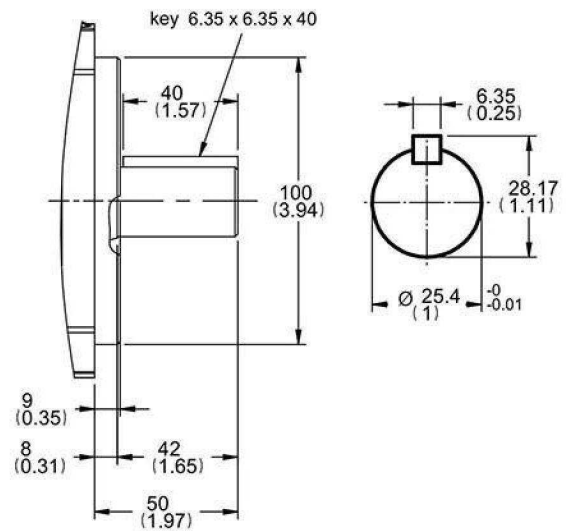
Metric version (Motor Mounting $\varnothing 100$)

Shaft type

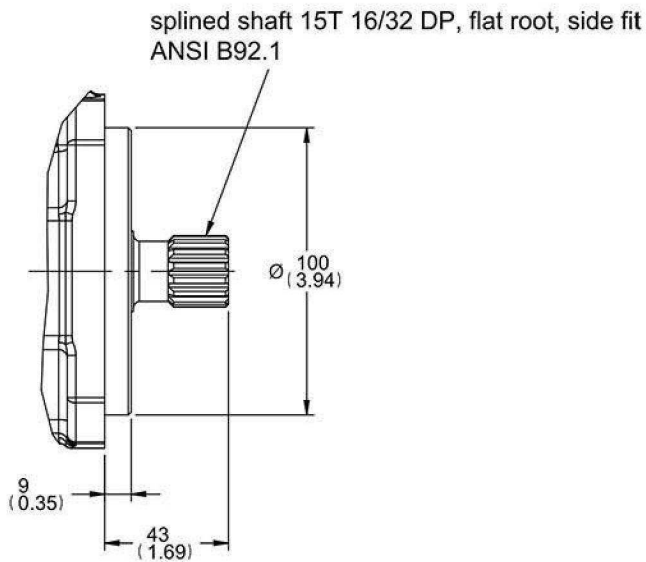
Mounting code: **M**



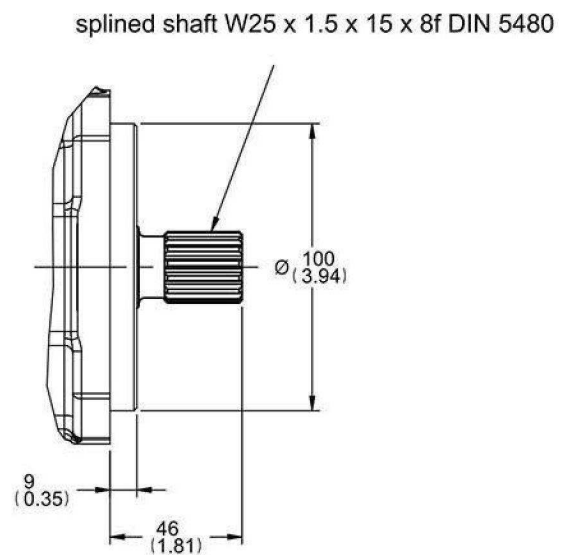
Mounting code: **R**



Mounting code: **K**



Mounting code: **S**

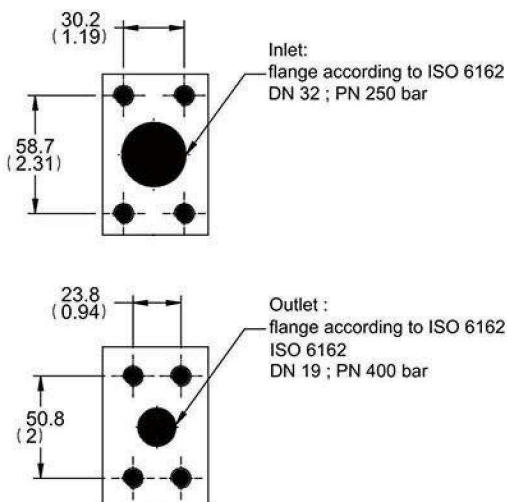
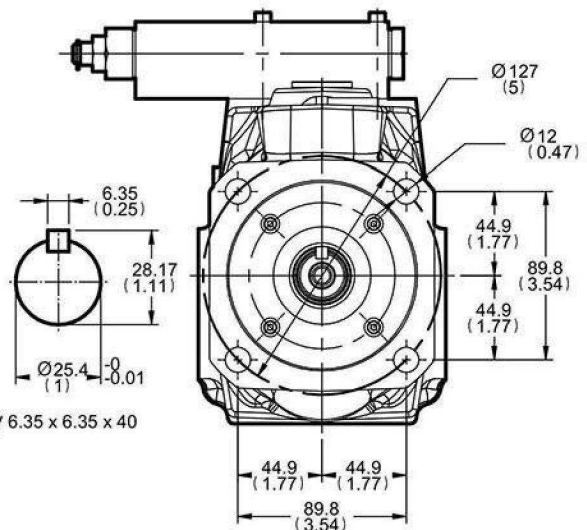
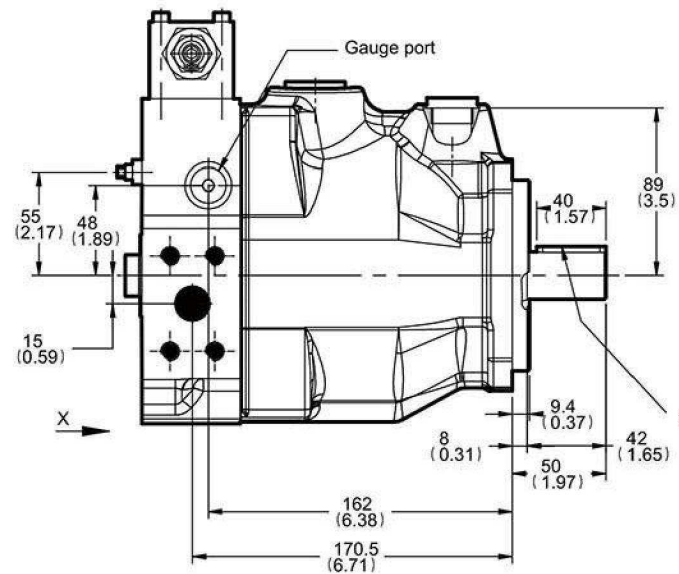
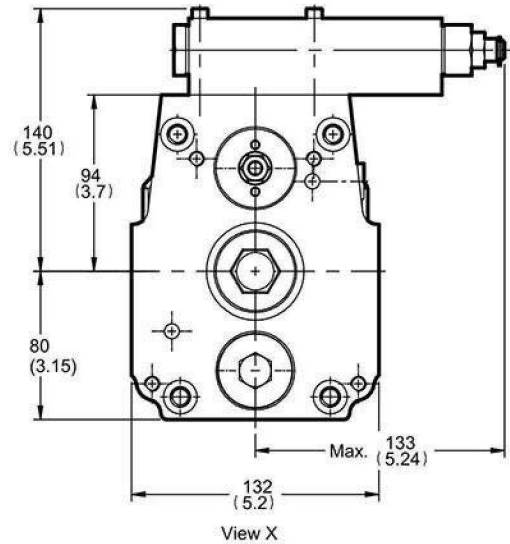
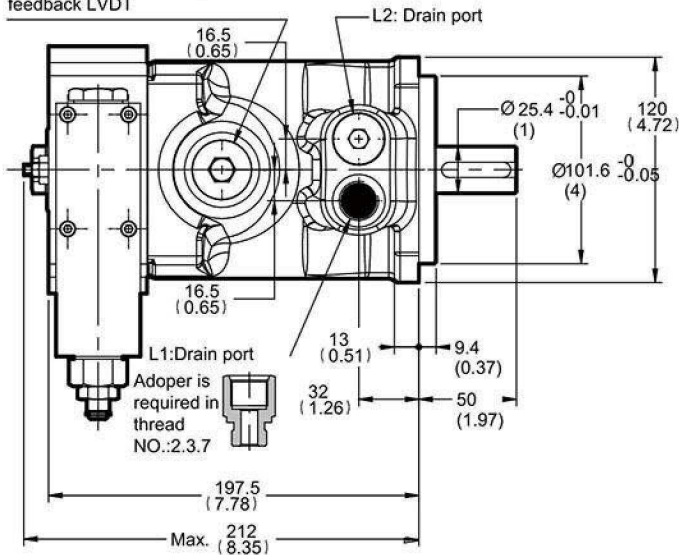


Dimensions

PV016 ~ PV023,PV028(Body 1)

SAE version(motor mounting Ø101.6)

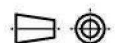
Mounting hole for horse power
compensator pilot or displacement
feedback LVDT



Ports

Thread	3 UNF(SAE)	1 BSPP(G)	2 PT(RC)	7 ISO 6149(M)
Inlet	Ø32 7/16"-14 UNC	Ø32 M10*P1.5 18 deep	Ø32 M10*P1.5 18 deep	Ø32 M10*P1.5 18 deep
Outlet	Ø19 7/16"-14 UNC	Ø19 M10*P1.5 18 deep	Ø19 M10*P1.5 18 deep	Ø19 M10*P1.5 18 deep
Drain port (L1/L2)	7/8"-14 UNF	G 1/2"-14	PT 1/2"-14	M22*P1.5
Gauge port	7/16"-20 UNF	G 1/4"-19	PT 1/4"-19	M12*P1.5

Threads code: 3 & 7 are not standard, not it stock, specially fabricate.
Adoper is required in thread NO.:2.3.7 (Drain port)



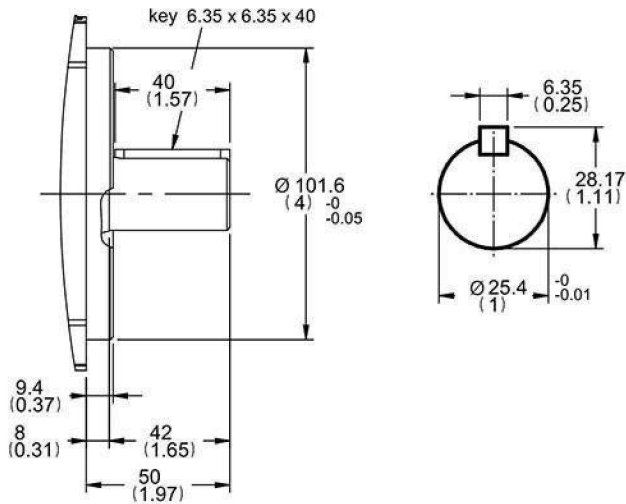
Dimensions

PV016 ~ PV023, PV028 (Body 1)

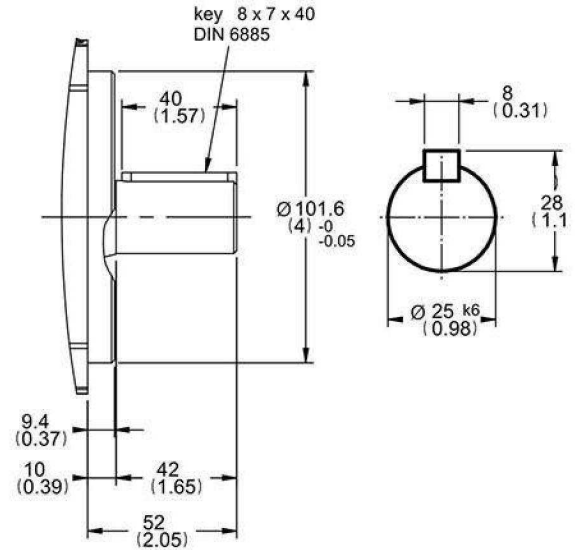
SAE version (motor mounting Ø101.6)

Shaft type

Mounting code: **N**

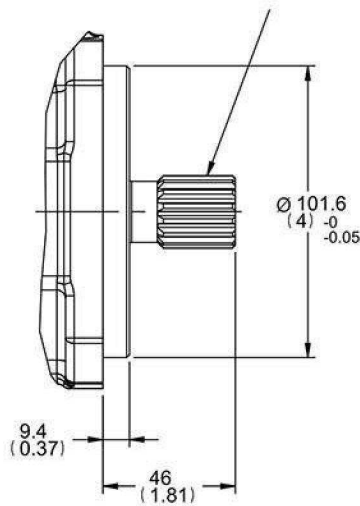


Mounting code: **J**



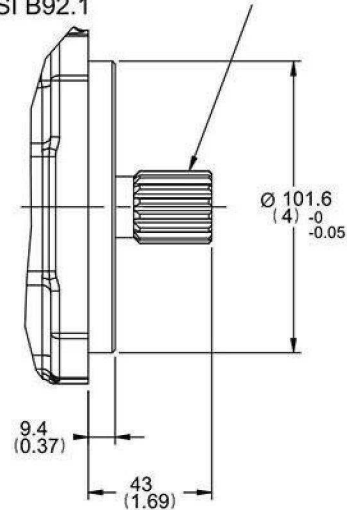
Mounting code: **D**

splined shaft W25 x 1.5 x 15 x 8f DIN 5480



Mounting code: **U**

splined shaft 15T 16/32 DP, flat root, side fit ANSI B92.1



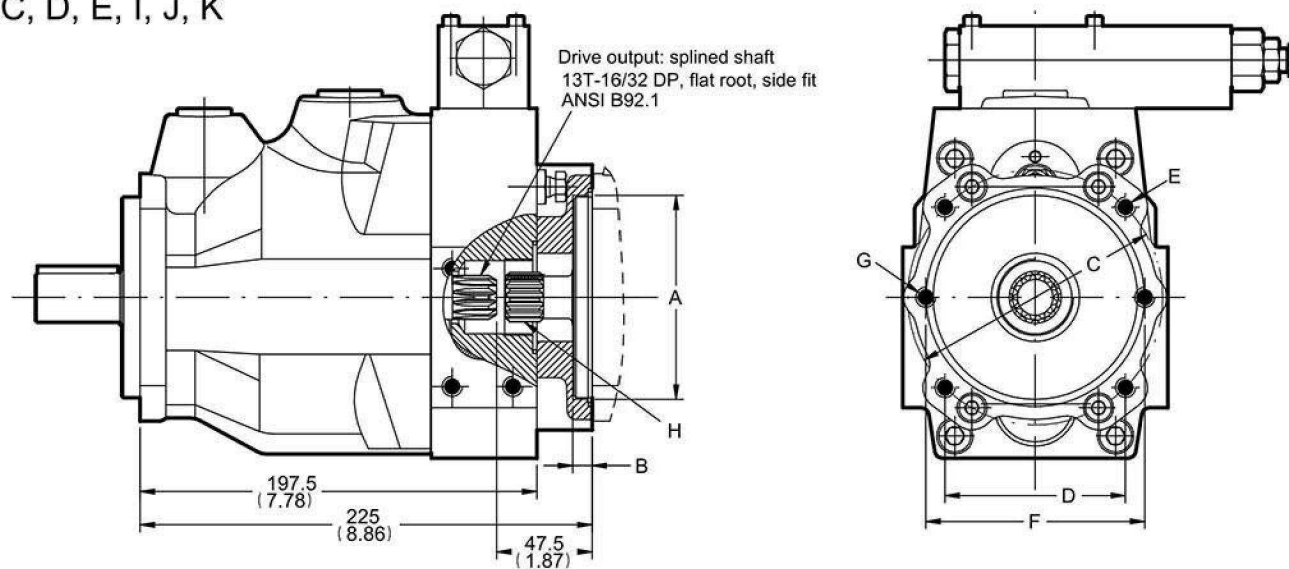
Dimensions

PV016 ~ PV023, PV028 (Body 1)

Thru drive

Thru drive:

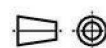
C, D, E, I, J, K



Thru shaft adaptors are available with the following dimensions							
thru code	A	B	C	D	E	F	G
I	63	10	85	-	M8	100	M8
J	80	10	103	-	M8	109	M10
K	100	10.5	125	-	M10	n. avail.	n. avail.
C	50.8	10	-	-	-	82	M8
D	82.55	10	-	-	-	106	M10
E	101.6	10.5	-	89.8	M10	n. avail.	n. avail.

Thread codes are 3 and 7,
the dimensions E and G are
UNC-2B threads

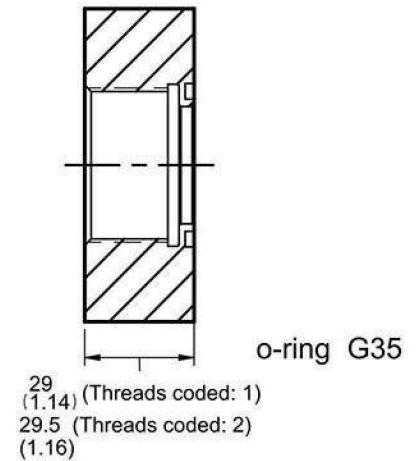
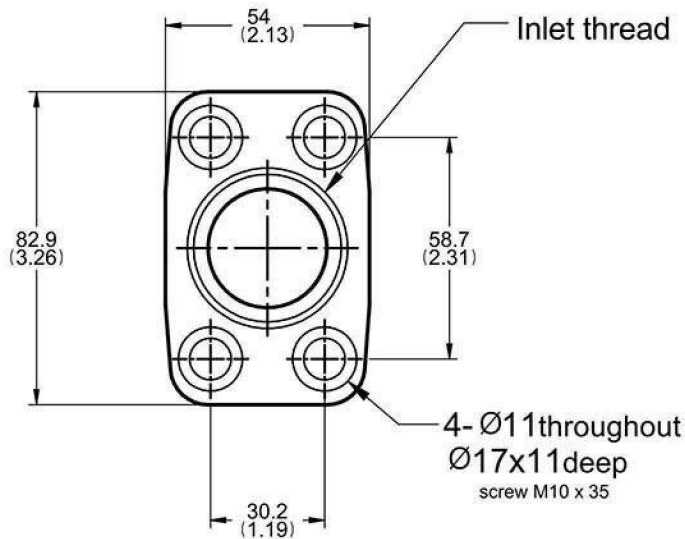
threads code: 3 and 7 Not
standard, not in stock,
require special requests.



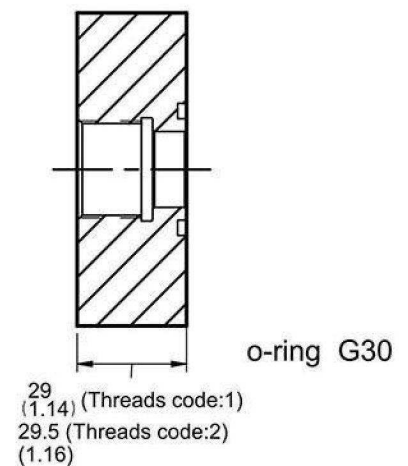
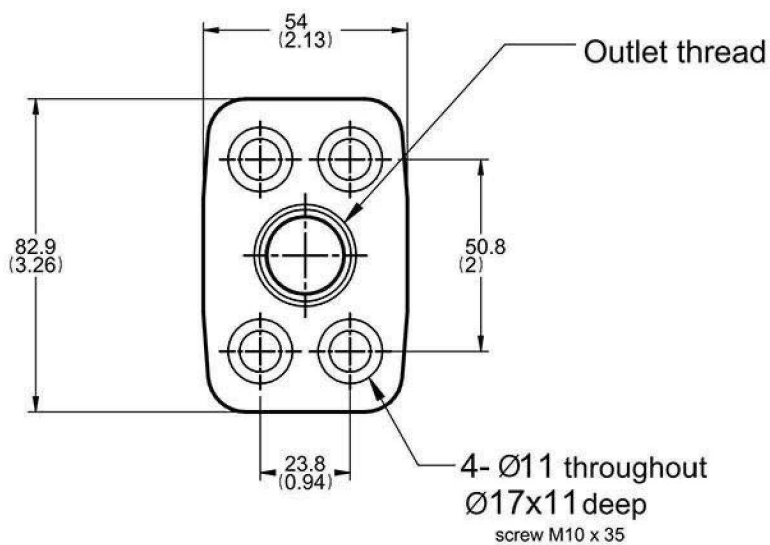
Dimensions

PV016 ~ PV023,PV028(Body 1) Inlet / Outlet Flange

Inlet Flange



Outlet Flange



Ports

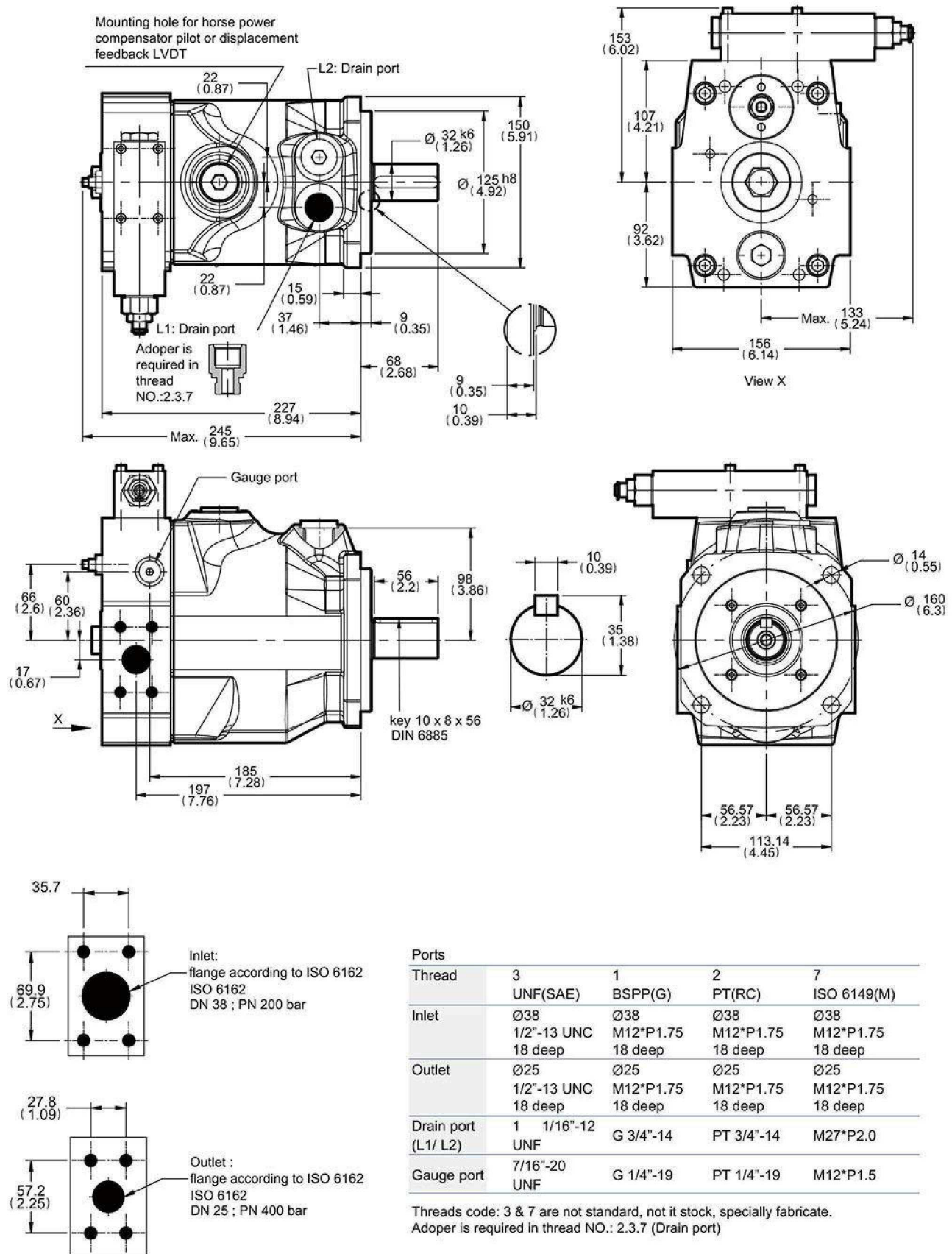
Thread code	3 UNF(SAE)	1 BSPP(G)	2 PT(RC)	7 ISO 6149(M)
Inlet	1 5/8"-12 UN	G 1 1/4"-11	PT 1 1/4"-11	M42*P2.0
Outlet	1 1/16"-12 UN	G 3/4"-14	PT 3/4"-14	M27*P2.0

Threads code: 3 & 7 are not standard, not it stock, specially fabricate.

Dimension

PV032 ~ PV046, PV056, PV065 (Body 2)

Metric version (motor mounting Ø125)



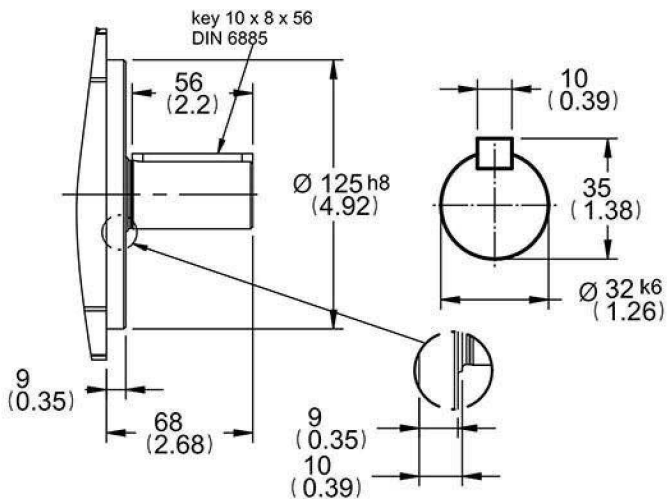
Dimension

PV032 ~ PV046, PV056, PV065 (Body 2)

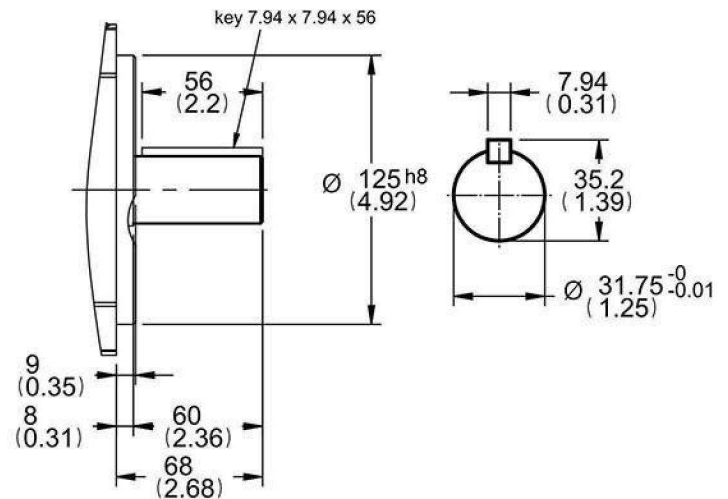
Metric version (motor mounting Ø125)

Shaft type

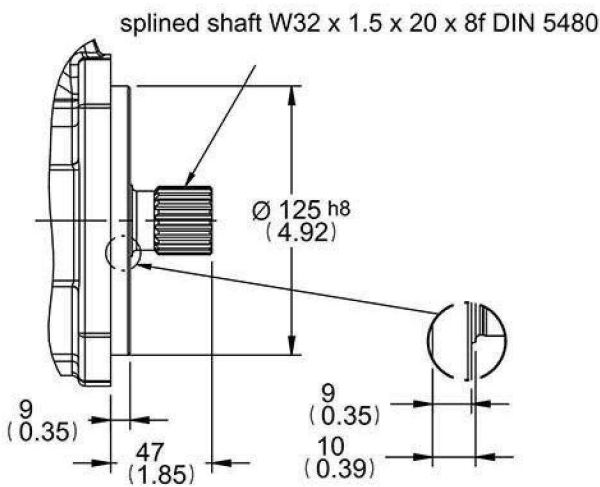
Mounting code: **M**



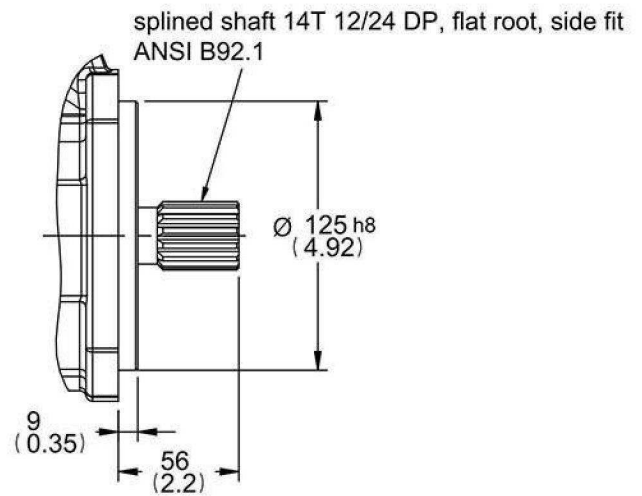
Mounting code: **R**



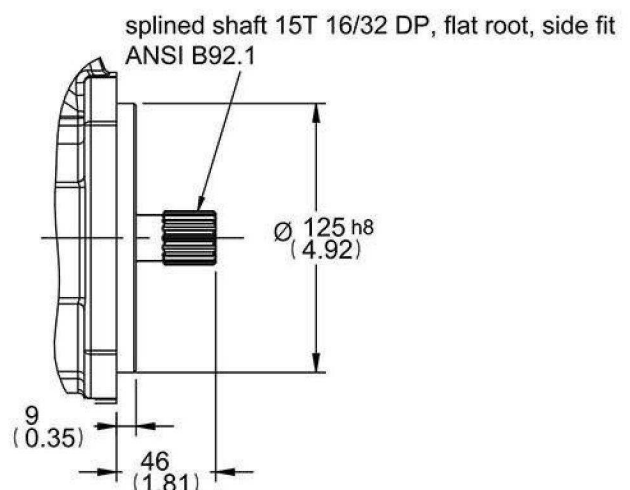
Mounting code: **K**



Mounting code: **S**



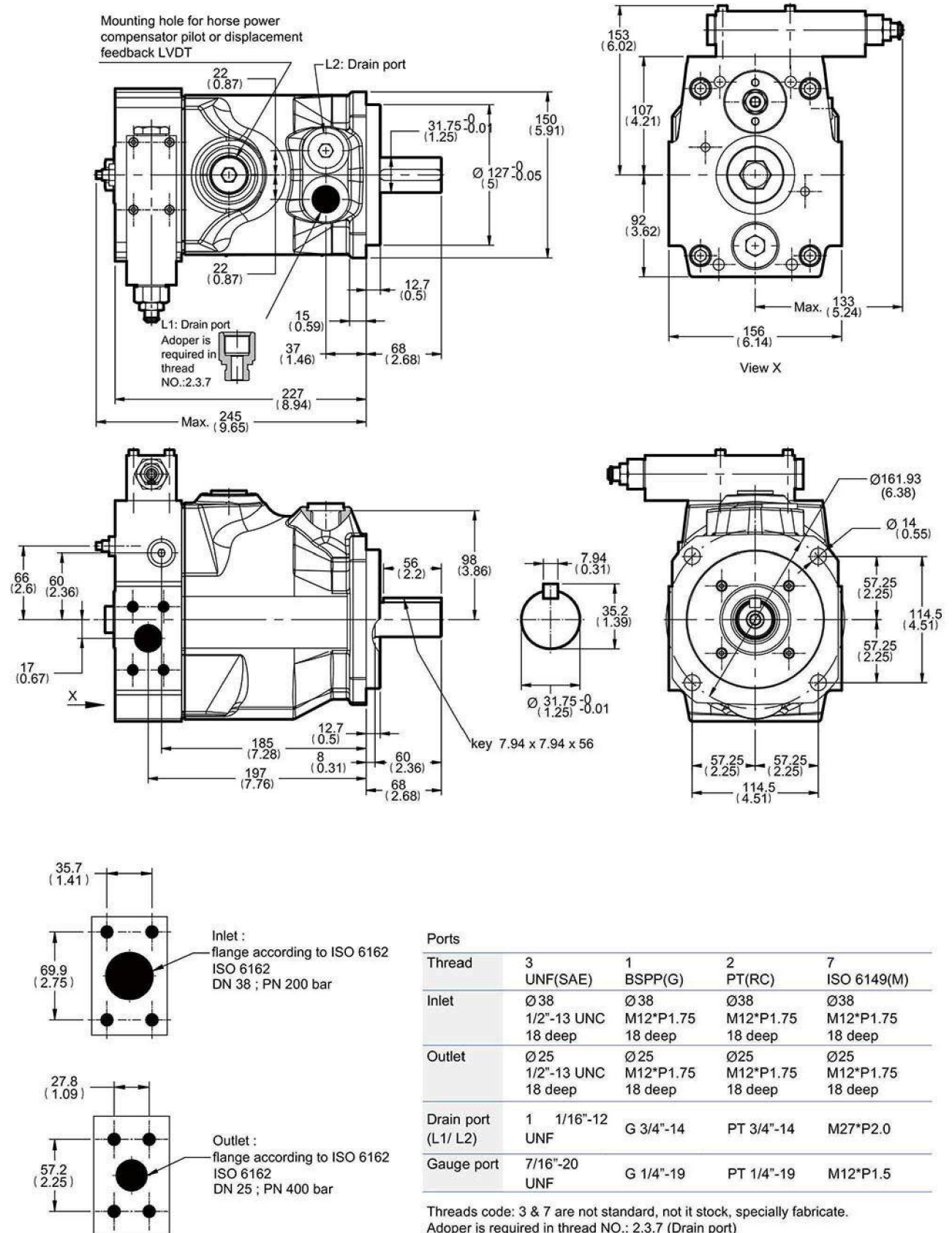
Mounting code: **P**



Dimension

PV032 ~ PV046, PV056, PV065 (Body 2)

SAE version (motor mounting Ø127)



●規格修改，本公司不另行通知
●Specification is subjected to change without notice.

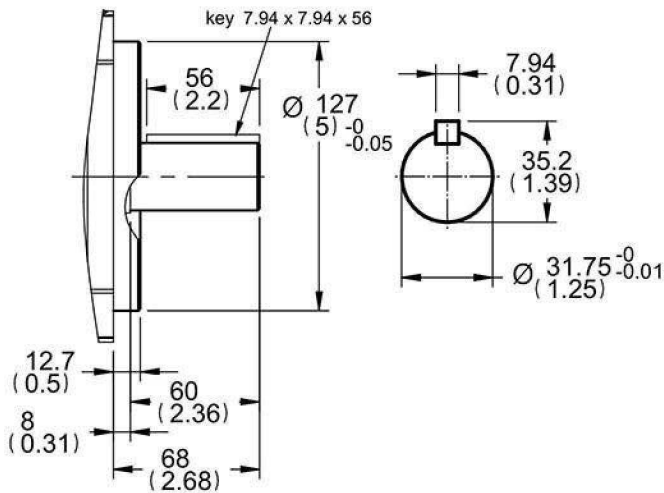
Dimension

PV032 ~ PV046, PV056, PV065 (Body 2)

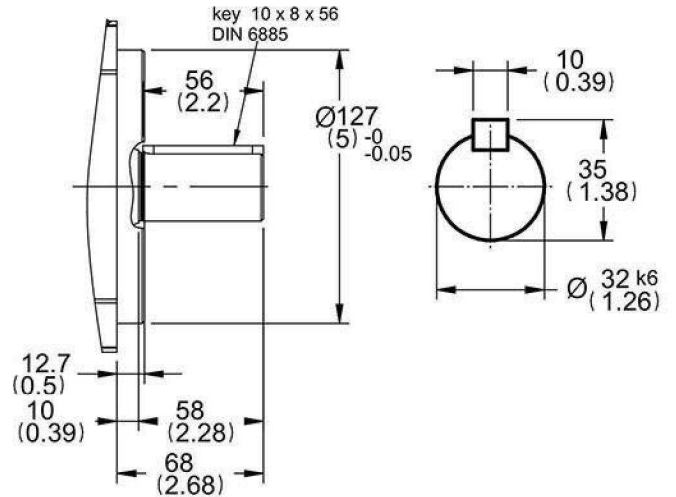
SAE version (motor mounting $\varnothing 127$)

Shaft type

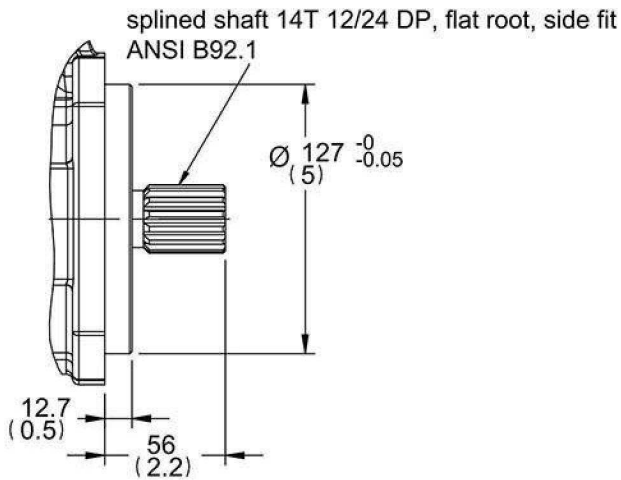
Mounting code: **N**



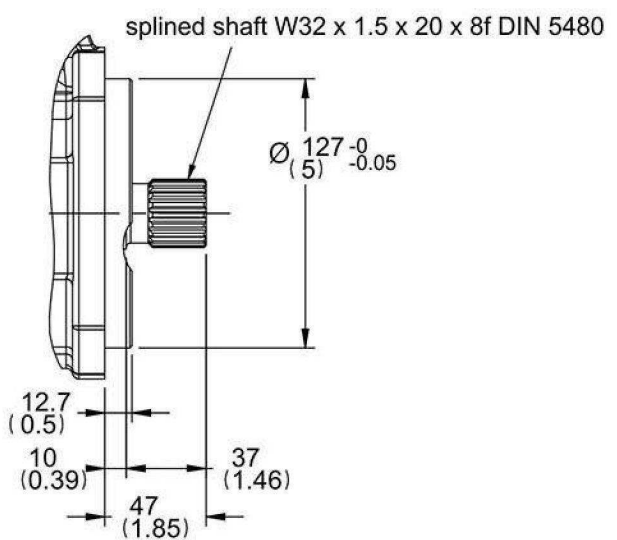
Mounting code: **J**



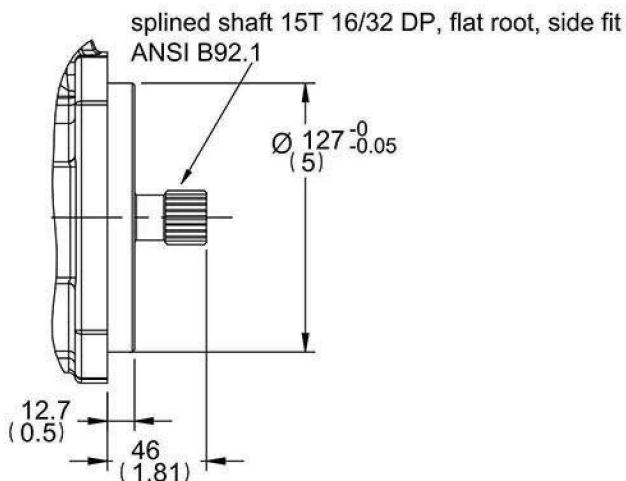
Mounting code: **D**



Mounting code: **U**



Mounting code: **G**

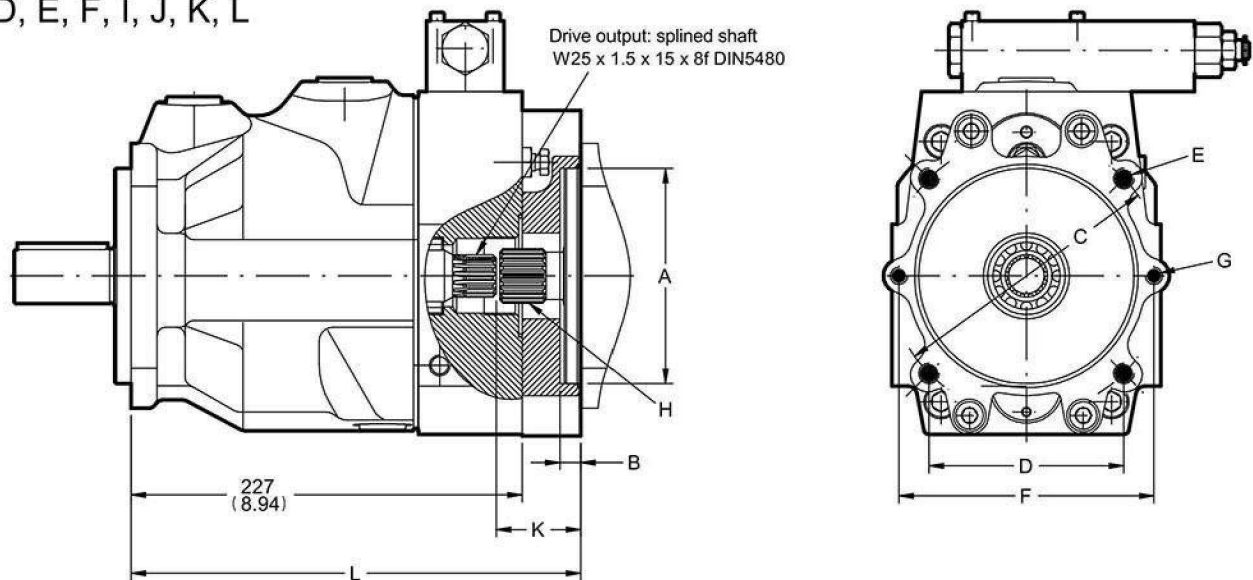


Dimension

PV032 ~ PV046, PV056, PV065 (Body 2)

Thru drive

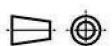
Thru drive:
D, E, F, I, J, K, L



Thru shaft adaptors are available with the following dimensions:									
thru code	A	B	C	D	E	F	G	K	L
I	63	8.5	85	-	M8	100	M8	49	261
J	80	8.5	103	-	M8	109	M10	49	261
K	100	10.5	125	-	M10	140	M12	49	261
L	125	12	160	-	M12	n. avail.	n. avail.	49	261
D	82.55	8	-	-	-	106	M10	49	261
E	101.6	11	-	89.8	M10	146	M12	49	261
F	127	13.5	-	114.5	M12	n. avail.	n. avail.	64	276

Thread codes are 3 and 7
the dimensions E and G are
UNC-2B threads

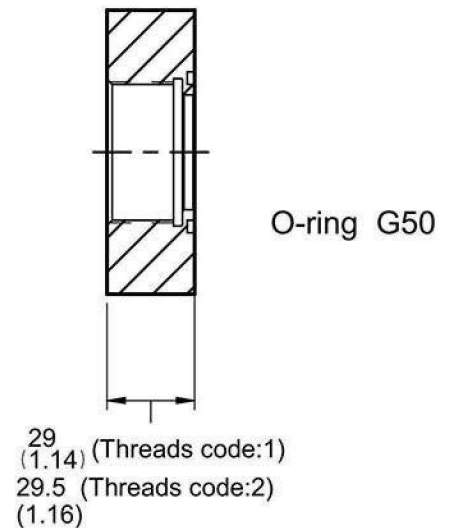
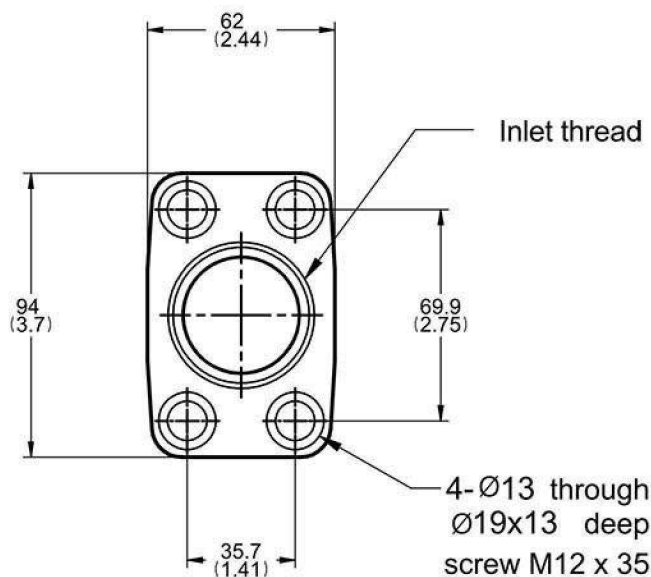
threads code: 3 and 7 Not
standard, not in stock
require special requests



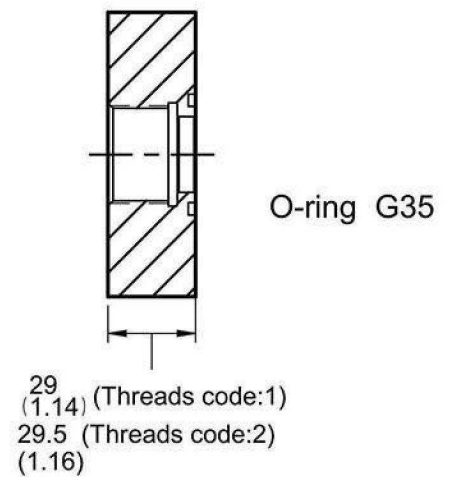
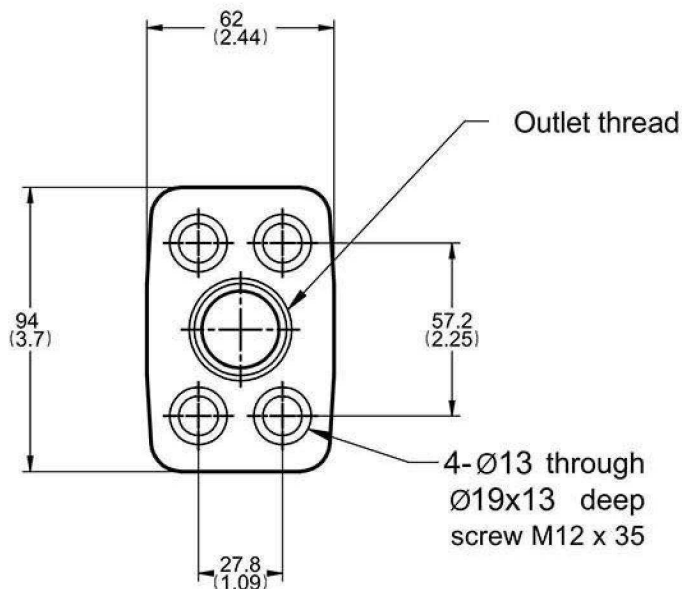
Dimension

PV032 ~ PV046, PV056, PV065 (Body 2) Inlet / Outlet Flange

Inlet Flange



Outlet Flange



Ports

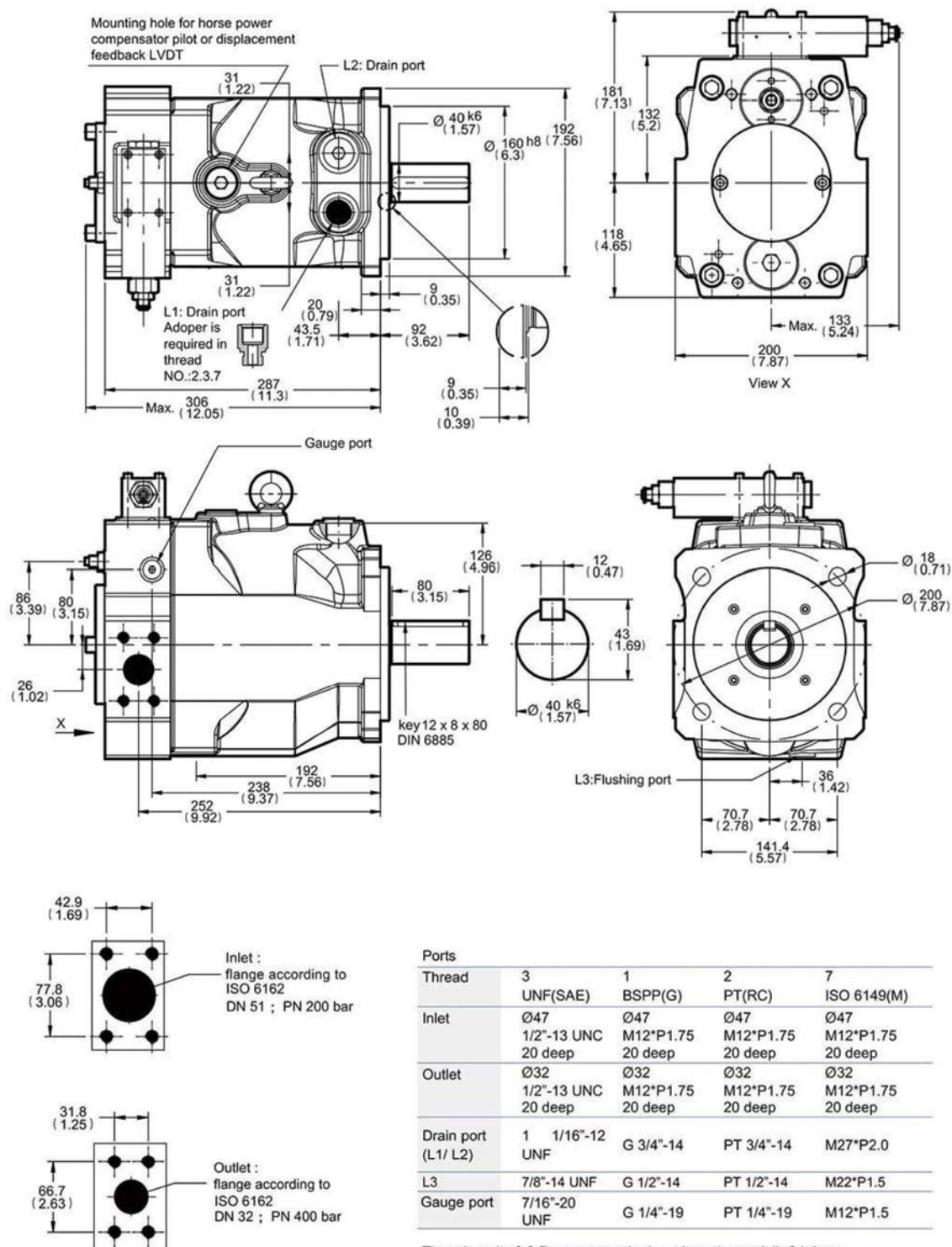
Thread code	3	1	2	7
	UNF(SAE)	BSPP(G)	PT(RC)	ISO 6149(M)
Inlet	1 7/8"-12 UN	G 1 1/2"-11	PT 1 1/2"-11	M48*P2.0
Outlet	1 5/16"-12 UN	G 1"-11	PT 1"-11	M33*P2.0

threads code: 3 & 7 are not standard, not it stock, specially fabricate.

Dimension

PV063 ~ PV092, PV110, PV125 (Body 3)

Metric version (motor mounting $\varnothing 160$)



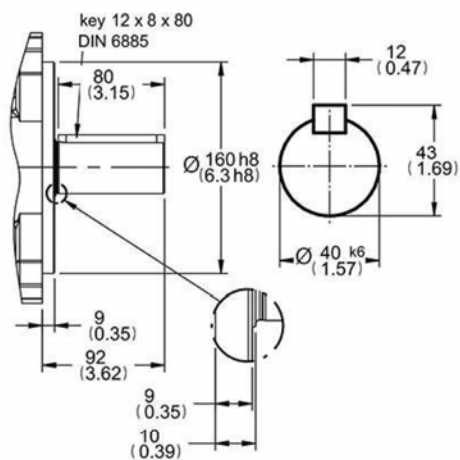
Dimension

PV063 ~ PV092, PV110, PV125 (Body3)

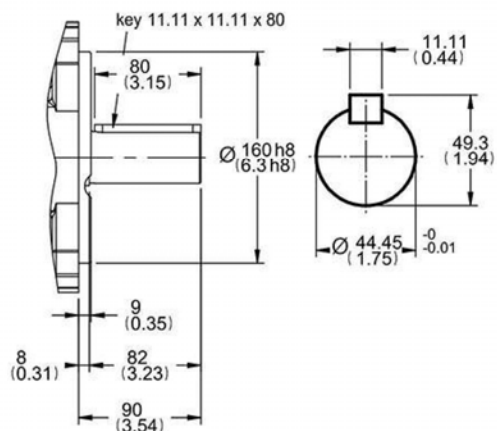
Metric version (motor mounting $\varnothing 160$)

Shaft type

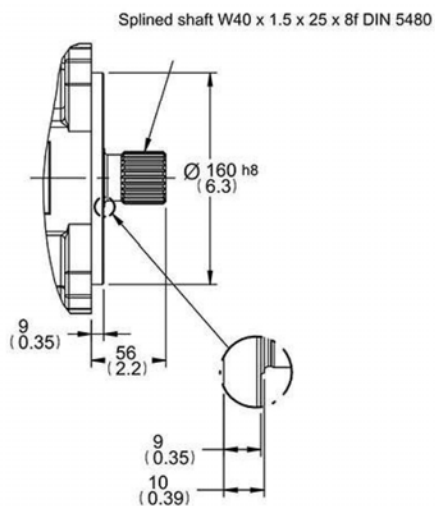
Mounting code: **M**



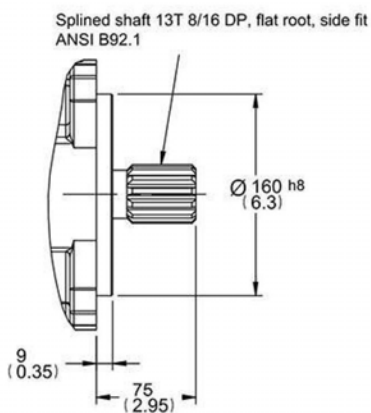
Mounting code: **R**



Mounting code: **K**



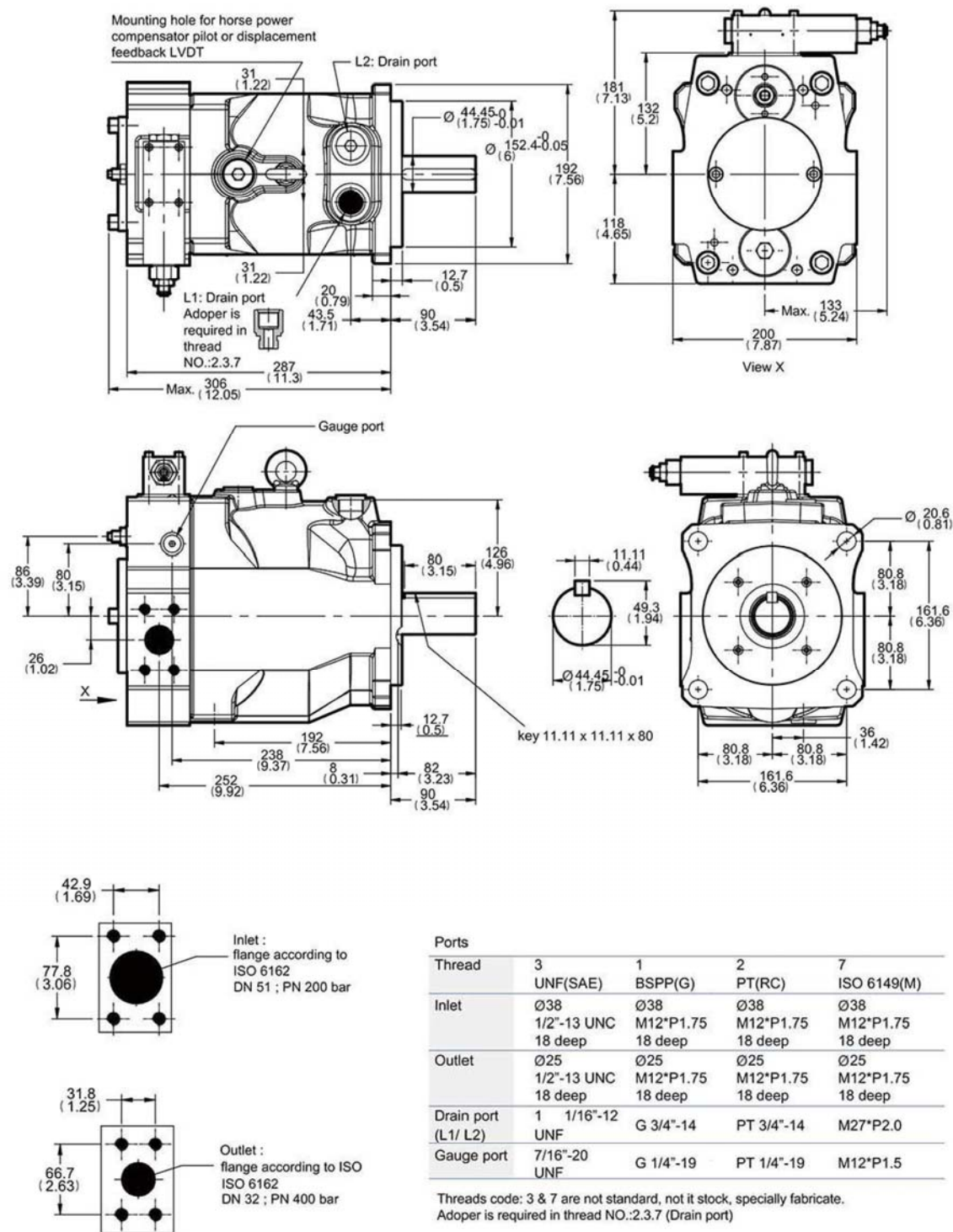
Mounting code: **S**



Dimension

PV063 ~ PV092, PV110, PV125 (Body 3)

SAE version (motor mounting Ø152.4)



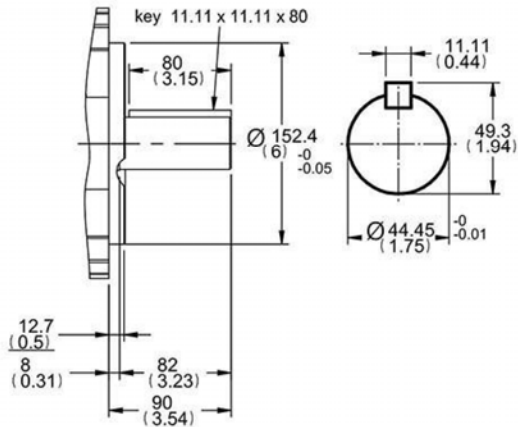
Dimension

PV063 ~ PV092, PV110, PV125 (Body 3)

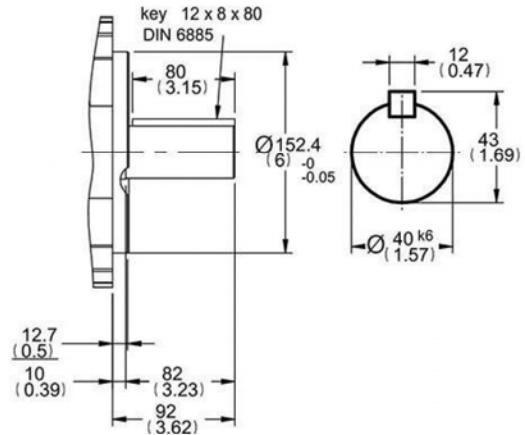
SAE version (motor mounting $\varnothing 152.4$)

Shaft type

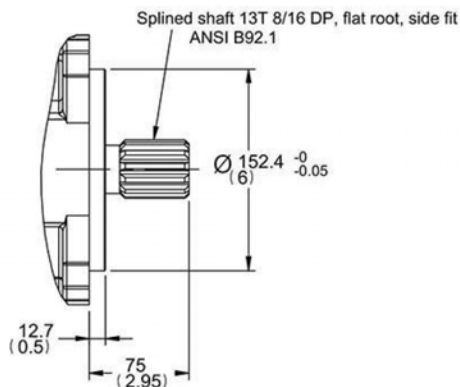
Mounting: **N**



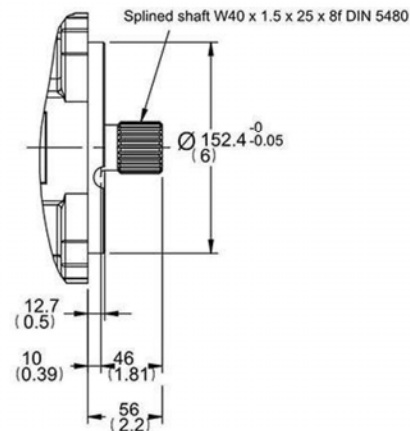
Mounting: **J**



Mounting: **D**



Mounting: **U**



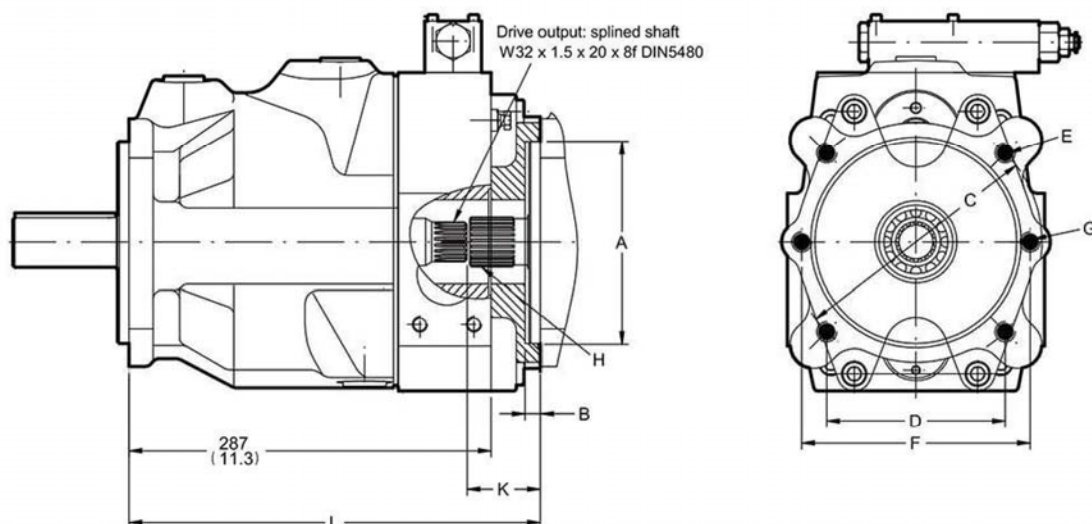
Dimension

PV063 ~ PV092, PV110, PV125 (Body 3)

Thru drive

thru drive:

D, E, F, G, I, J, K, L, M



Thru shaft adaptors are available with the following dimensions:									
Thru code	A	B	C	D	E	F	G	K	L
I	63	10	85	-	M8	100	M8	58	326
J	80	10	103	-	M8	109	M10	58	326
K	100	12	125	-	M10	140	M12	58	326
L	125	12	160	-	M12	180	M16	58	326
M	160	12	200	-	M16	n. avail.	n. avail.	58	326
D	82.55	10	-	-	-	106	M10	58	326
E	101.6	12	-	89.8	M10	146	M12	58	326
F	127	14	-	114.5	M12	181	M16	58	326
G	152.4	14	-	161.6	M16	n. avail.	n. avail.	78	346

Thread codes are 3 and 7
the dimensions E and G are
UNC-2B threads

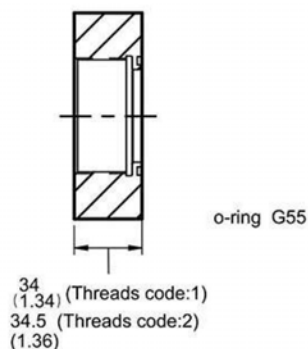
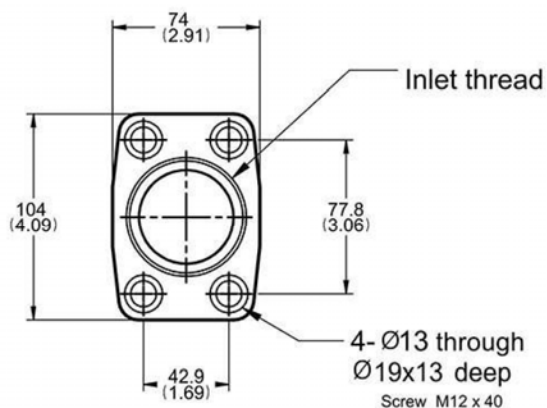
threads code: 3 and 7 Not
standard, not in stock
require special requests.



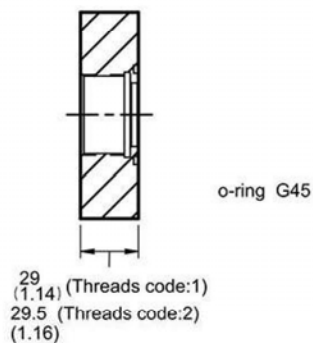
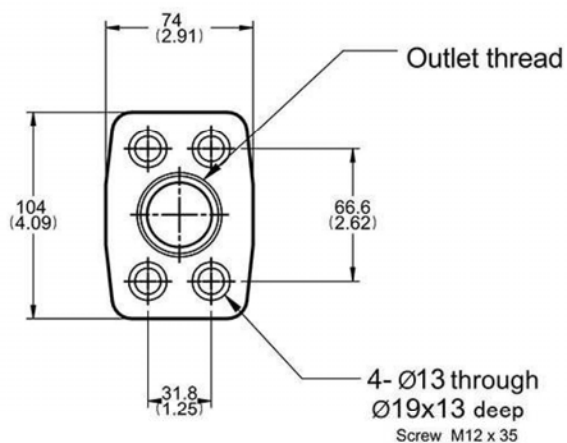
Dimension

PV063 ~ PV092, PV110, PV125 (Body 3) Inlet / Outlet Flange

Inlet Flange



Outlet Flange



Ports

Thread code	3	1	2	7
	UNF(SAE)	BSPP(G)	PT(RC)	ISO 6149(M)
Inlet	2 1/2"-12 UN	G 2"-11	PT 2"-11	M33*P2.0
Outlet	1 5/8"-12 UN	G 1 1/4"-11	PT 1 1/4"-11	M42*P2.0

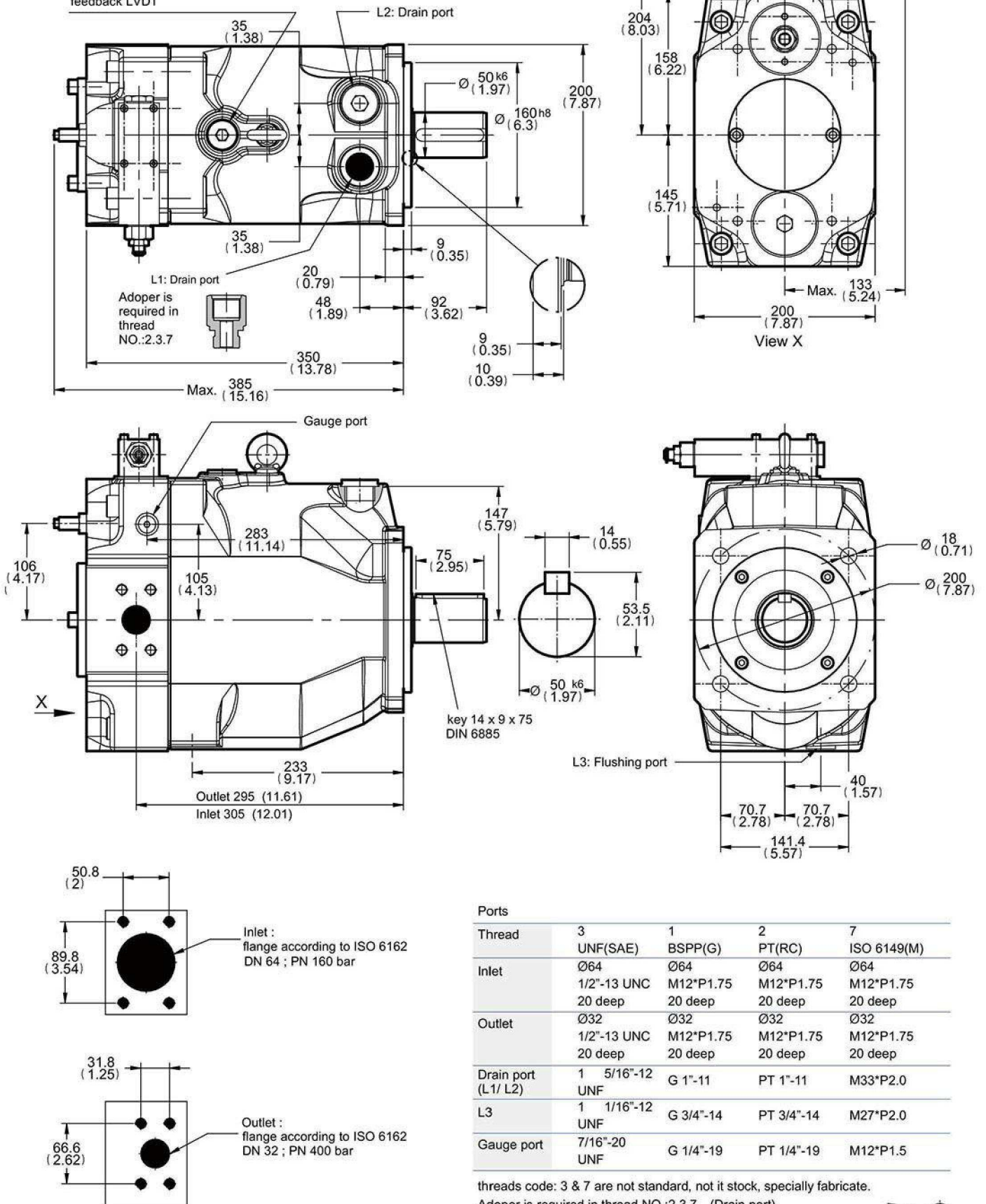
Threads code: 3 & 7 are not standard, not it stock, specially fabricate.

Dimension

PV140 ~ PV180, PV210 (Body 4)

Metric version (motor mounting Ø160)

Mounting hole for horse power compensator pilot or displacement feedback LVDT

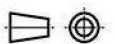


Ports

Thread	3	1	2	7
	UNF(SAE)	BSPP(G)	PT(RC)	ISO 6149(M)
Inlet	Ø64 1/2"-13 UNC 20 deep	Ø64 M12*P1.75 20 deep	Ø64 M12*P1.75 20 deep	Ø64 M12*P1.75 20 deep
Outlet	Ø32 1/2"-13 UNC 20 deep	Ø32 M12*P1.75 20 deep	Ø32 M12*P1.75 20 deep	Ø32 M12*P1.75 20 deep
Drain port (L1/ L2)	1 5/16"-12 UNF	G 1"-11	PT 1"-11	M33*P2.0
L3	1 1/16"-12 UNF	G 3/4"-14	PT 3/4"-14	M27*P2.0
Gauge port	7/16"-20 UNF	G 1/4"-19	PT 1/4"-19	M12*P1.5

threads code: 3 & 7 are not standard, not it stock, specially fabricate.

Adopter is required in thread NO.:2.3.7 (Drain port)



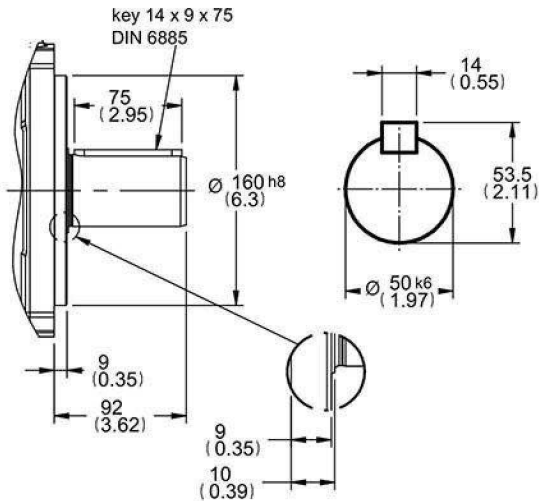
Dimension

PV140 ~ PV180, PV210 (Body 4)

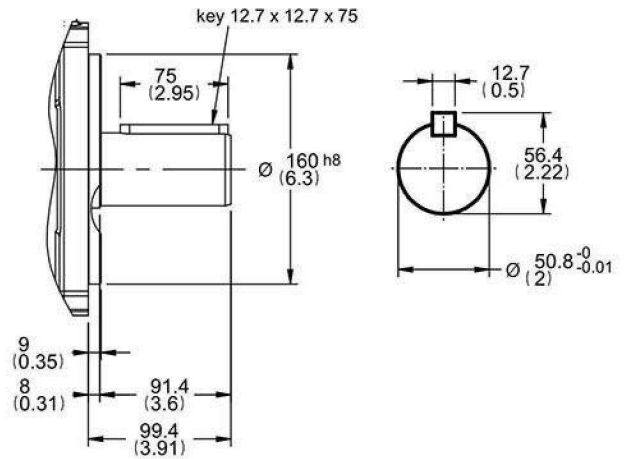
Metric version (motor mounting $\varnothing 160$)

Shaft type

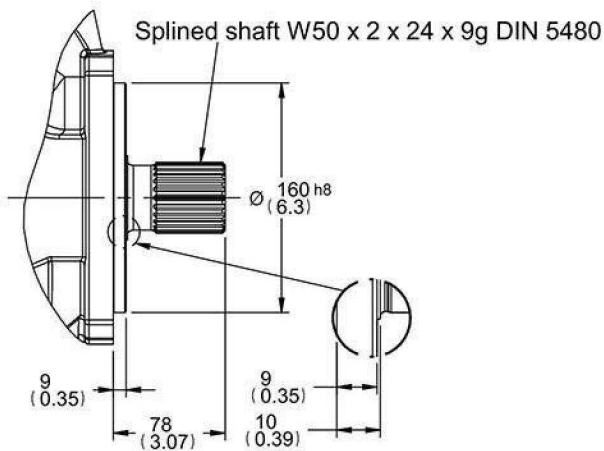
Mounting code: **M**



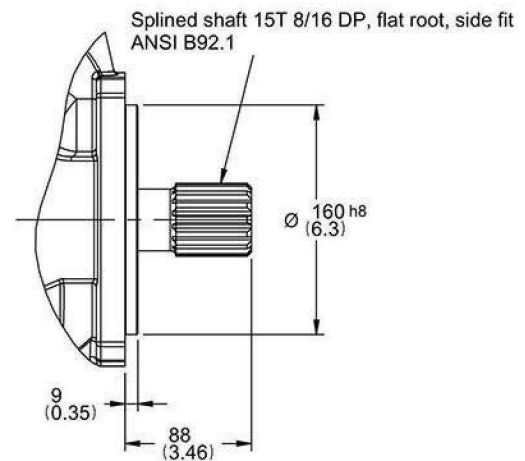
Mounting code: **R**



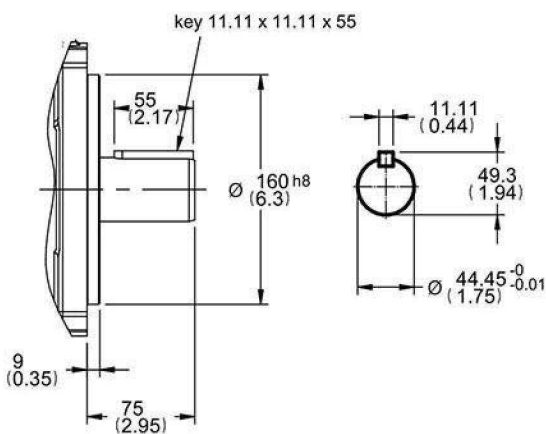
Mounting code: **K**



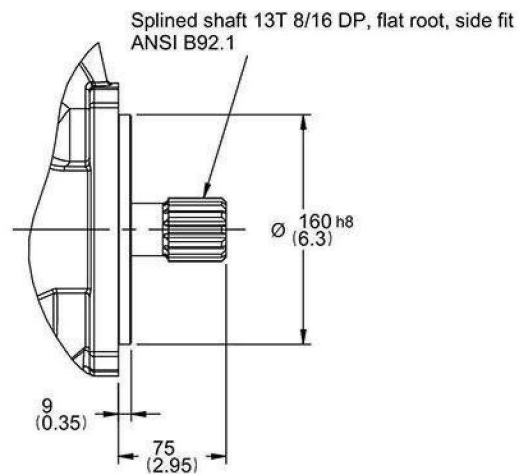
Mounting code: **S**



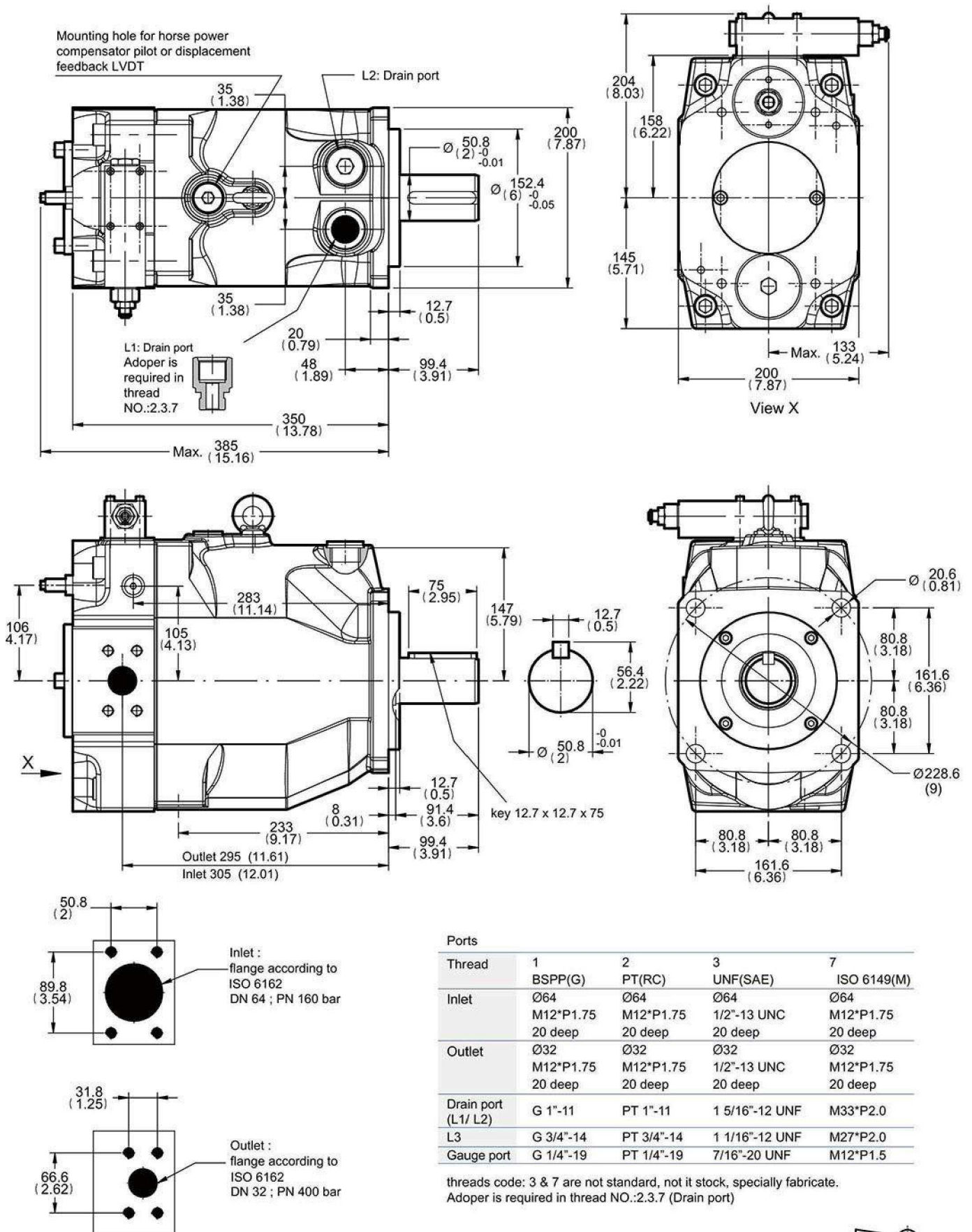
Mounting code: **Q**



Mounting code: **P**



PV140 ~ PV180, PV210 (Body 4)
SAE version (motor mounting Ø152.4)



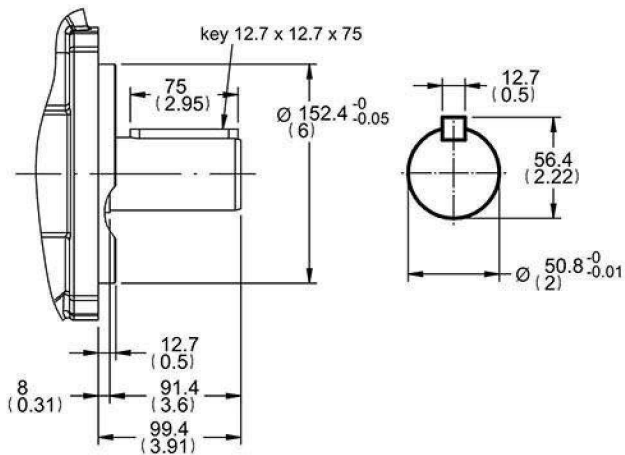
Dimension

PV140 ~ PV180, PV210 (Body 4)

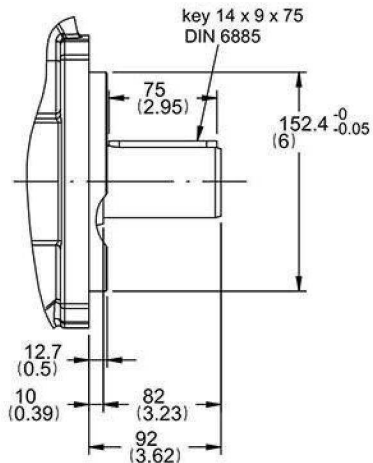
SAE version(motor mounting $\varnothing 152.4$)

Shaft type

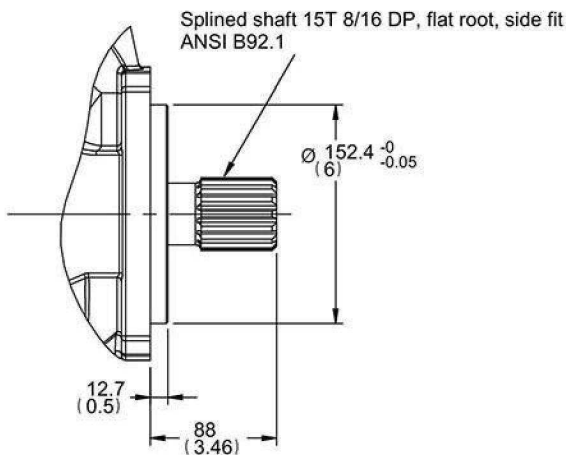
Mounting code: **N**



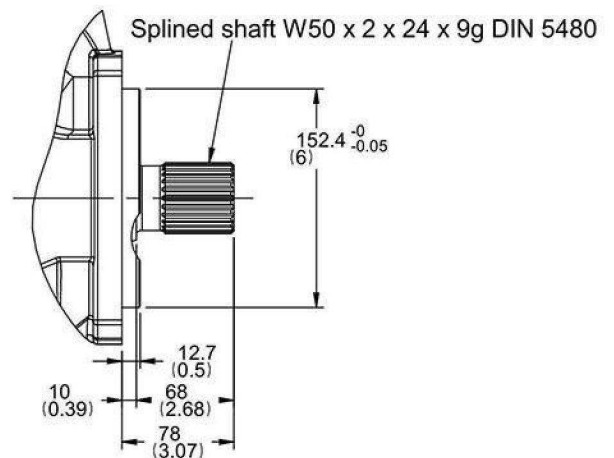
Mounting code: **J**



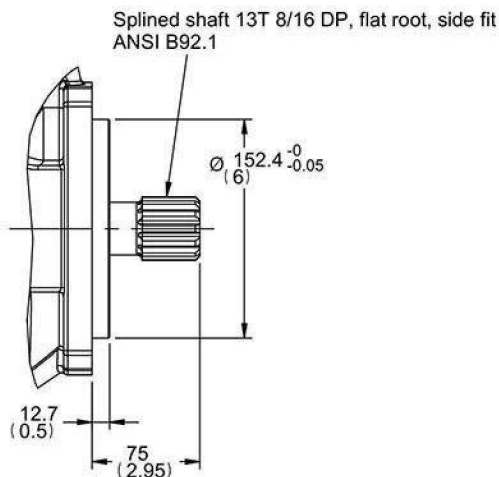
Mounting code: **D**



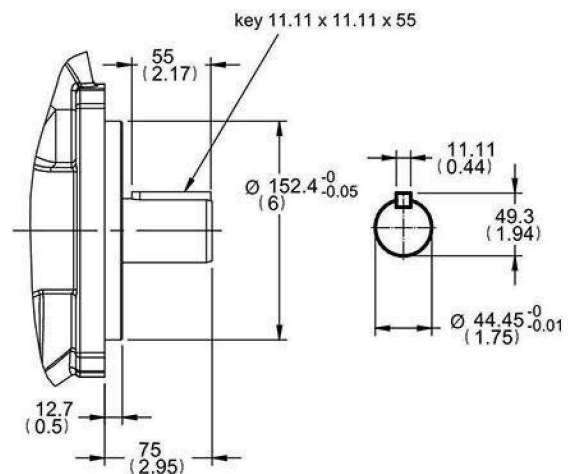
Mounting code: **U**



Mounting code: **G**



Mounting code: **F**



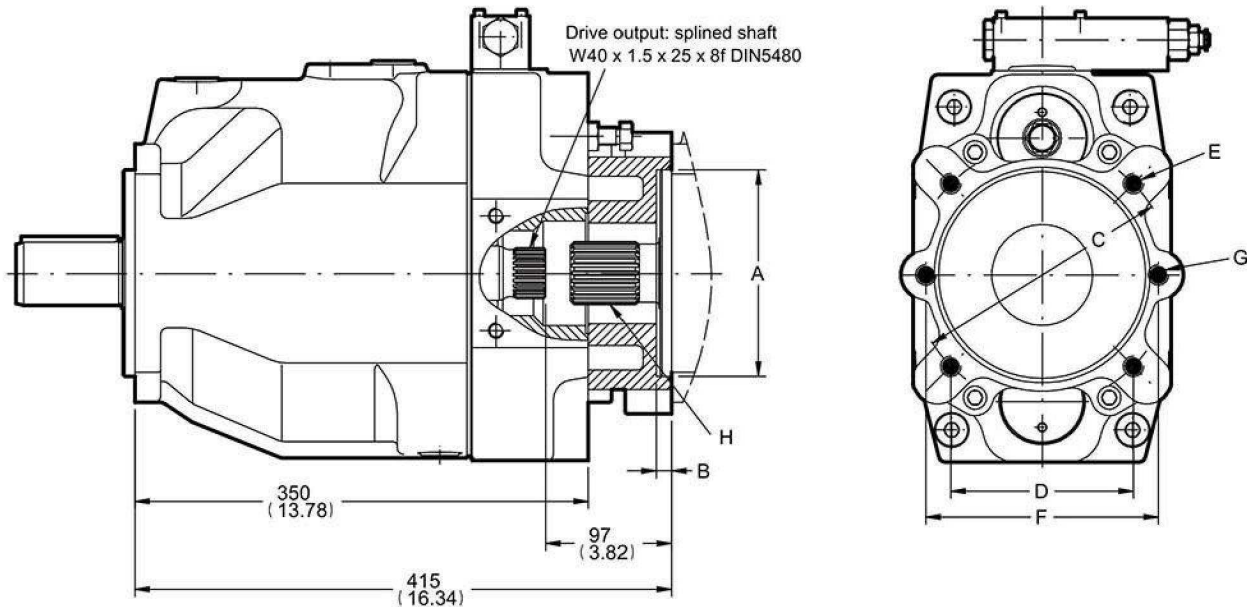
Dimension

PV140 ~ PV180, PV210 (Body 4)

Thru drive

Thru drive:

D, E, F, G, J, K, L, M



Thru shaft adaptors are available with the following dimensions:

thru code	A	B	C	D	E	F	G
J	80	10	103	-	M8	109	M10
K	100	12	125	-	M10	140	M12
L	125	12	160	-	M12	180	M16
M	160	12	200	-	M16	n. avail.	n. avail.
D	82.55	10	-	-	-	106	M10
E	101.6	12	-	89.8	M10	146	M12
F	127	14	-	114.5	M12	181	M16
G	152.4	14	-	161.6	M16	n. avail.	n. avail.

Thread codes are 3 and 7
the dimensions E and G are
UNC-2B threads

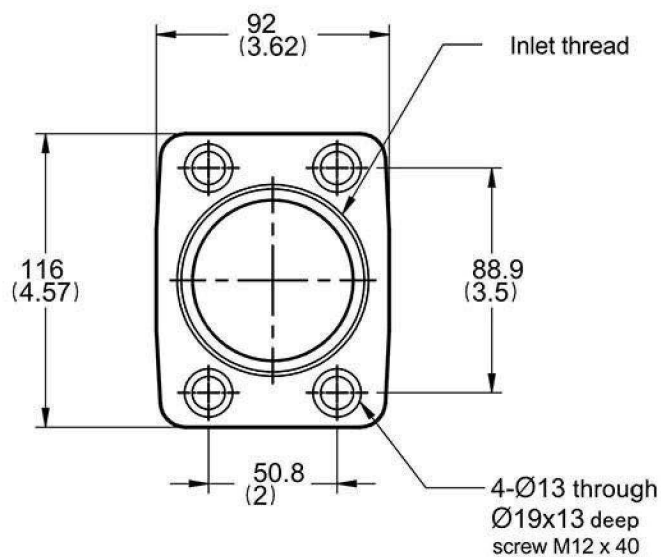
threads code: 3 and 7 Not
standard, not in stock
require special requests.



Dimension

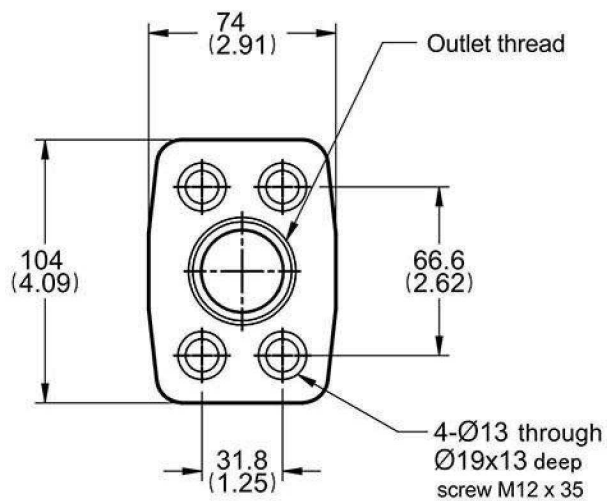
PV140 ~ PV180, PV210 (Body 4) Inlet / Outlet Flange

Inlet Flange



39 (1.54) (Threads code:1)
39.5 (Threads code:2)
(1.56)

Outlet Flange



29 (1.14) (Threads code:1)
29.5 (Threads code:2)
(1.16)

Ports

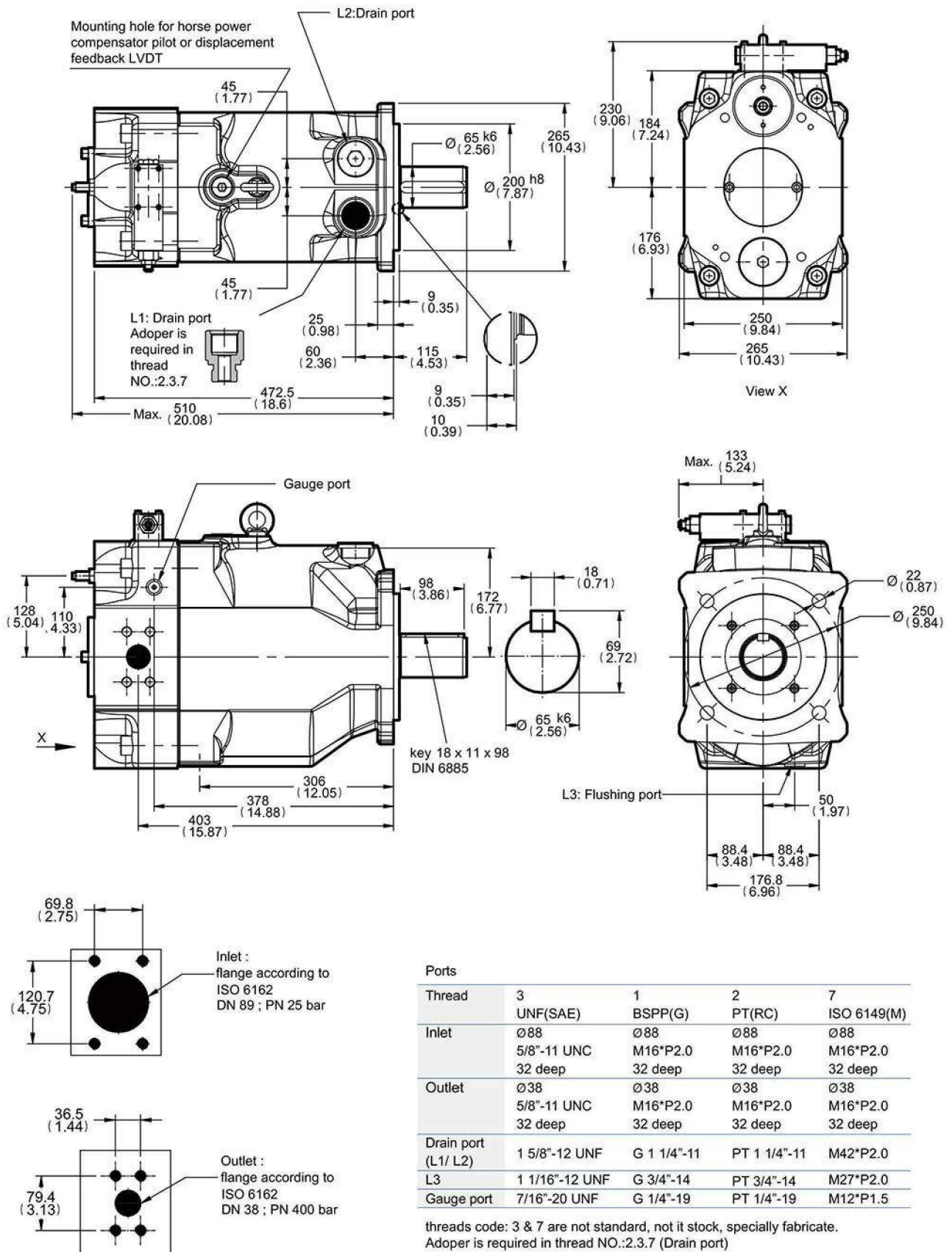
Thread code	3	1	2	7
	UNF(SAE)	BSPP(G)	PT(RC)	ISO 6149(M)
Inlet	Welding	G 2 1/2"-11	PT 2 1/2"-11	Welding
Outlet	1 5/8"-12 UN	G 1 1/4"-11	PT 1 1/4"-11	M42*P2.0

threads code: 3 & 7 are not standard, not it stock, specially fabricate.

Dimension

PV270 (Body 5)

Metric version (motor mounting Ø200)



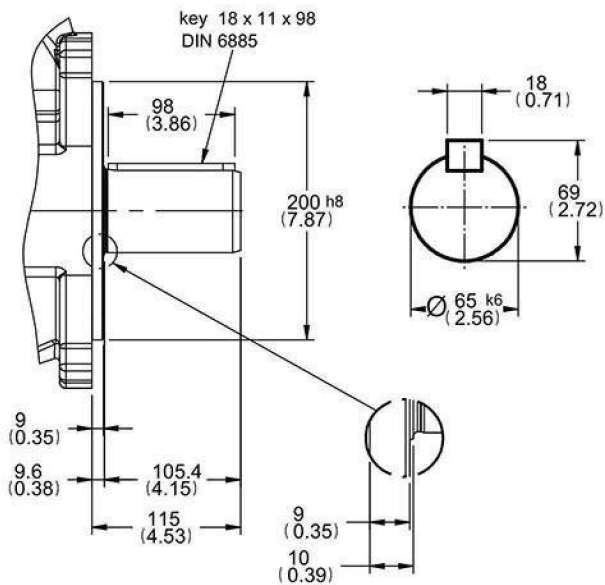
Dimension

PV270 (Body 5)

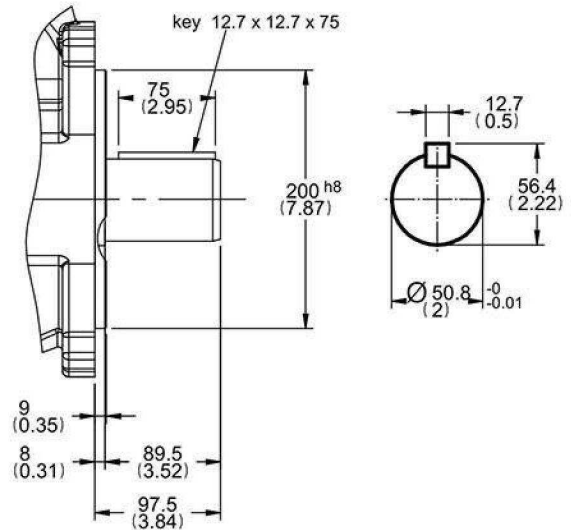
Metric version (motor mounting Ø200)

Shaft type

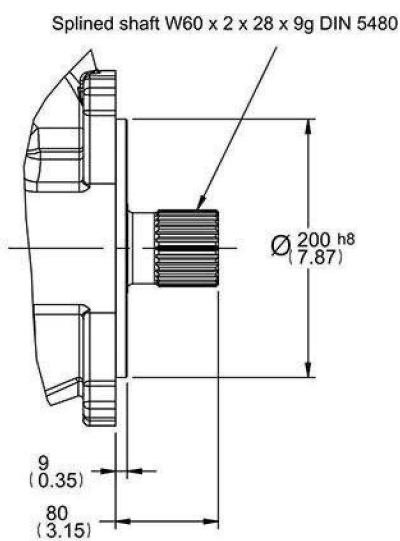
Mounting code: **M**



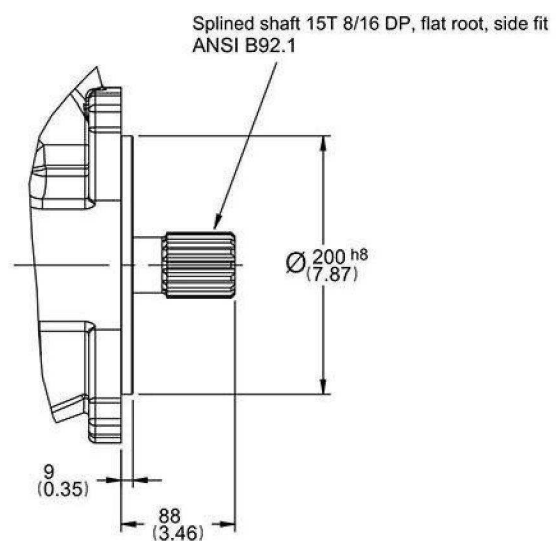
Mounting code: **R**



Mounting code: **K**



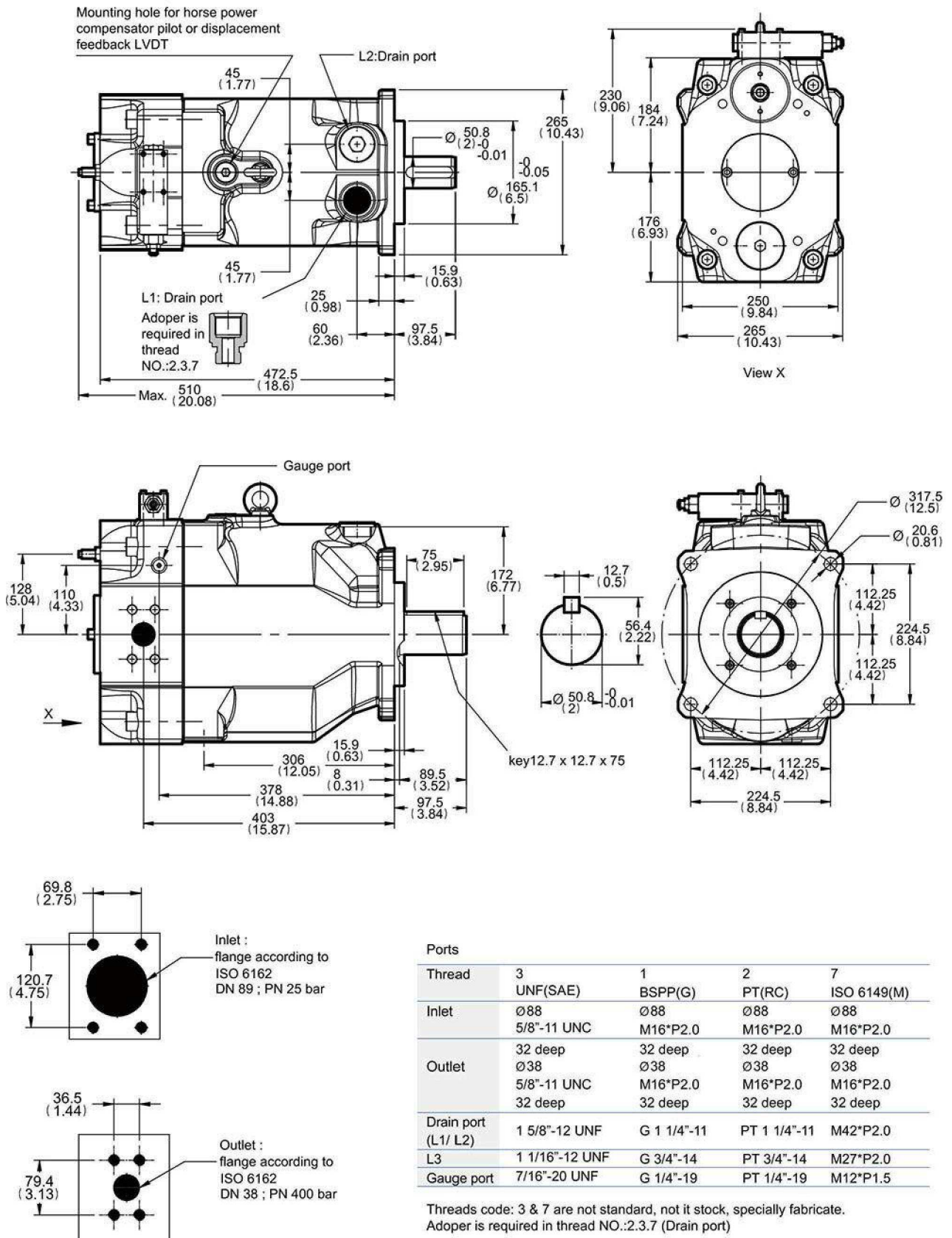
Mounting code: **S**



Dimension

PV270 (Body5)

SAE version (motor mounting Ø165.1)



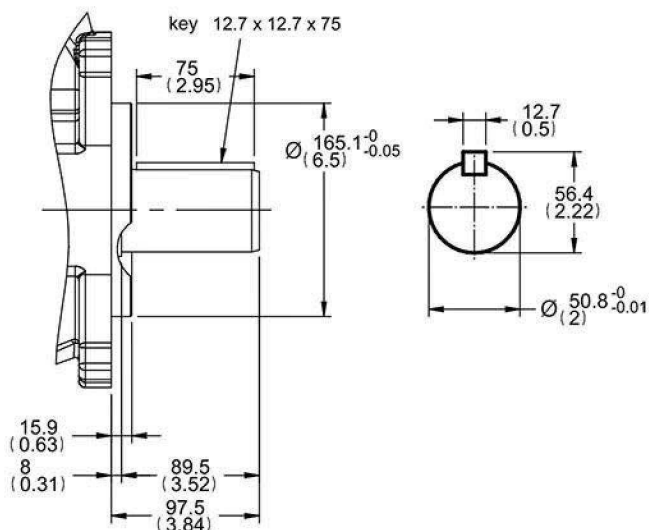
Dimension

PV270 (Body 5)

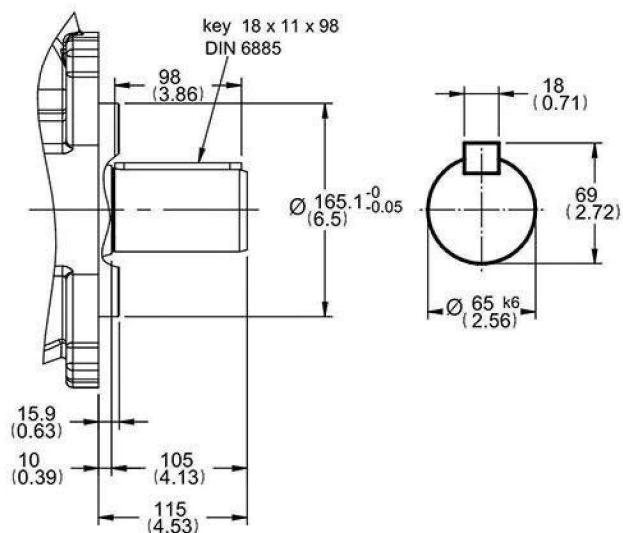
SAE version(motor mounting Ø165.1)

Shaft type

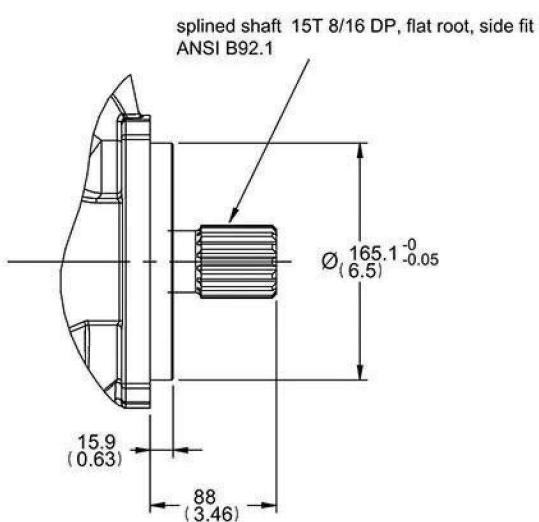
Mounting code: **N**



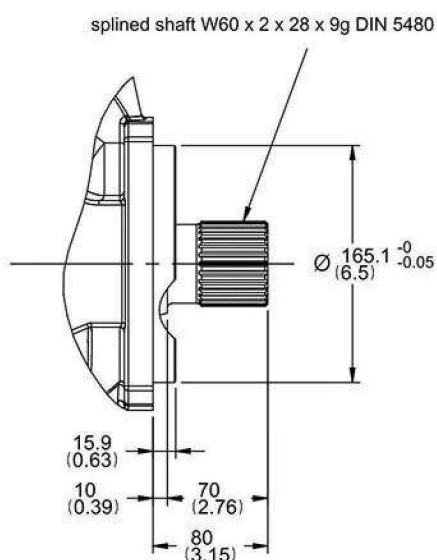
Mounting code: **J**



Mounting code: **D**



Mounting code: **U**



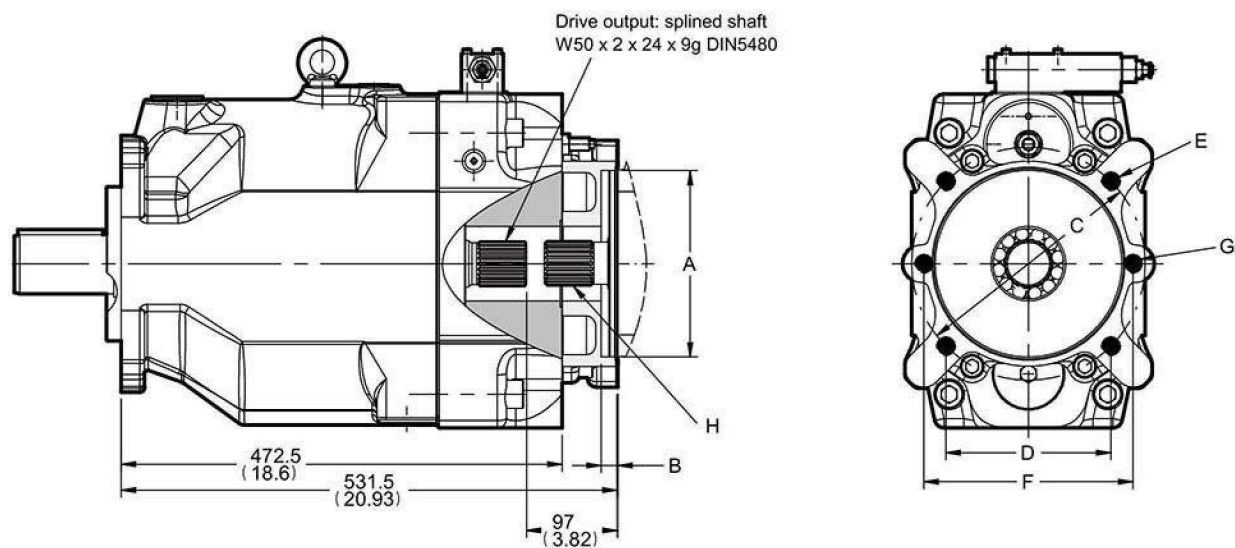
Dimension

PV270 (Body 5)

Thru drive

Thru drive:

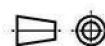
D, E, F, G, H, J, K, L, M, N



Thru shaft adaptors are available with the following dimensions:							
thru code	A	B	C	D	E	F	G
J	80	8.5	103	-	M8	109	M10
K	100	10.5	125	-	M10	140	M12
L	125	10.5	160	-	M12	180	M16
M	160	13.5	200	-	M16	224	M20
N	200	13.5	250	-	M20	n. avail.	n. avail.
D	82.55	8	-	-	-	106	M10
E	101.6	11	-	89.8	M10	146	M12
F	127	13.5	-	114.5	M12	181	M16
G	152.4	13.5	-	161.6	M16	229	M20
H	165.1	17	-	224.5	M20	n. avail.	n. avail.

Thread codes are 3 and 7
the dimensions E and G are
UNC-2B threads

threads code: 3 and 7 Not
standard, not in stock
require special requests.

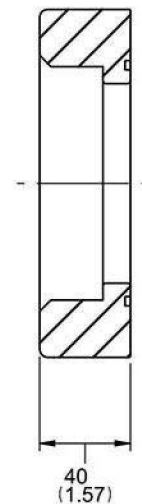
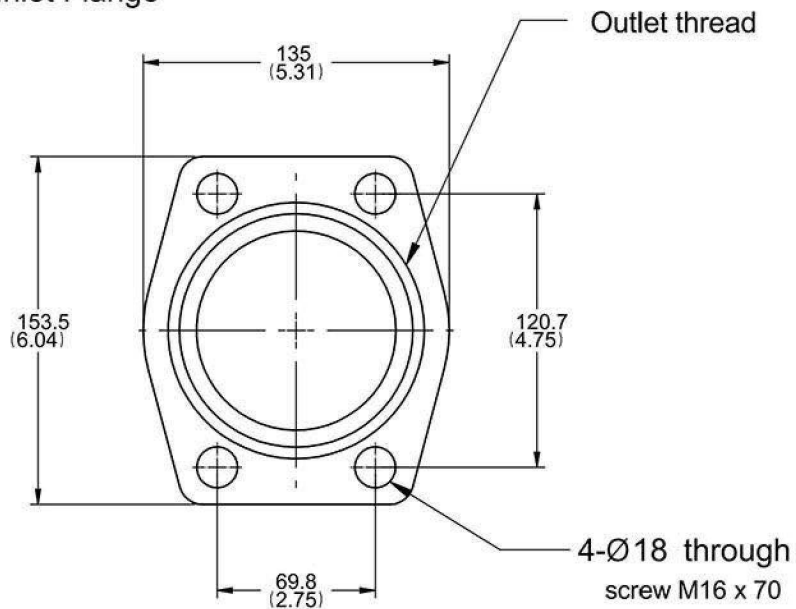


Dimension

PV270 (Body 5) Inlet / outlet Flange

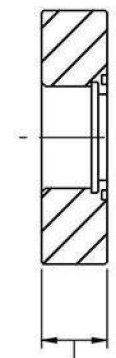
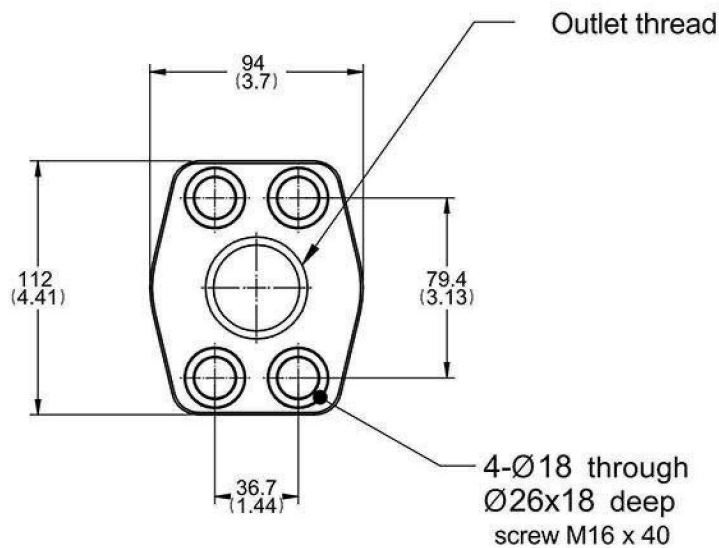
Thru drive

Inlet Flange



O-ring G100

Outlet Flange



O-ring G50

29
1.14) (Threads code:1)
29.5(Threads code:2)
(1.16)

Ports

Thread code	3	1	2	7
	UNF(SAE)	BSPP(G)	PT(RC)	ISO 6149(M)
Inlet	welding 3 1/2"			
Outlet	1 7/8"-12 UN	G 1 1/2"-11	PT 1 1/2"-11	M48*P2.0

Threads code: 3 & 7 are not standard, not it stock, specially fabricate.