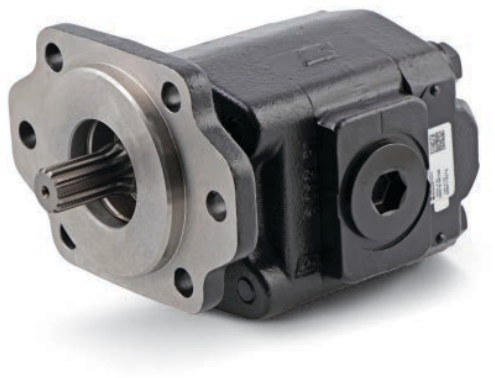
- Original Commerical pump design
- Three-piece cast iron construction for assembly flexibility
- Balanced thrust plates optimize pump efficiency
- Roller bearings for durability and resistance to fluid contamination
- Multiple sections available



Product Features	Description
Pump Type	Fixed
Mounting	SAE, DIN
Ports	Flange, NPT, ODT
Shaft Style	SAE, DIN
Pump Speed	900 to 2400 RPM
Motor Speed	800 to 2000 RPM
Maximum Displ.	3.9 in^3/rev
Maximum Operating Pressure	3000 PSI
Fluids	Mineral oil, fire resistant fiuids: - water-oil emulsions 60/40, HFB - water-glycol, HFC - phosphate-esters, HFD

Product Features	Description
Fluid Temperature	Range of operating temperature -15 to +80°C (5 to 176° F). Max. permissible operating pressure dependent on fluid temperature. Temperature for cold start -20 to -15°C (-4 to 5° F) at speed ≤ 1500 RPM.
Fluid Viscosity	50-7500 SUS
Direction of Rotation (looking at the driveshaft)	Clockwise, Counter Clockwise, Bi-Rotational

NOTE: Different types of pump options are available in terms of shaft, mounting and port type. Please contact Parker.

WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

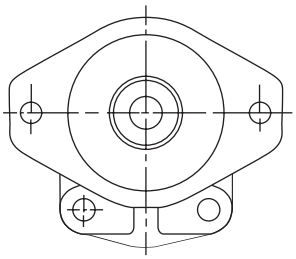
PGP/PGM020 Specifications

PGP020 Frame Size	05	07	10	12	15	17	20
Displacement – cm3/rev (in3/rev)	16.1 (0.99)	24.2 (1.48)	32.3 (1.97)	40.4 (2.46)	48.4 (2.96)	56.5 (3.45)	64.6 (3.94)
Max continuous pressure – bar (PSI)	207 (3,000)	207 (3,000)	207 (3,000)	207 (3,000)	207 (3,000)	172 (2,500)	172 (2,500)
Max Speed – RPM	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Approximate Weight – Lbs. [kg]	26 [12]	27 [12.5]	28 [13]	29 [13]	31 [14]	33 [15]	34 [15.5]

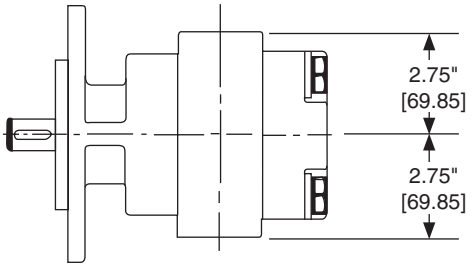
PGM020 Frame Size	05	07	10	12	15	17	20
Displacement – cm^3/rev (in^3/rev)	16.1 (0.99)	24.2 (1.48)	32.3 (1.97)	40.4 (2.46)	48.4 (2.96)	56.5 (3.45)	64.6 (3.94)
Max continuous pressure – bar (PSI)	207 (3,000)	207 (3,000)	207 (3,000)	207 (3,000)	207 (3,000)	172 (2,500)	172 (2,500)
Max Speed – RPM	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Approximate Weight – Lbs. [kg]	26 [12]	27 [12.5]	28 [13]	29 [13]	31 [14]	33 [15]	34 [15.5]

PGP/PGM020 Dimensions

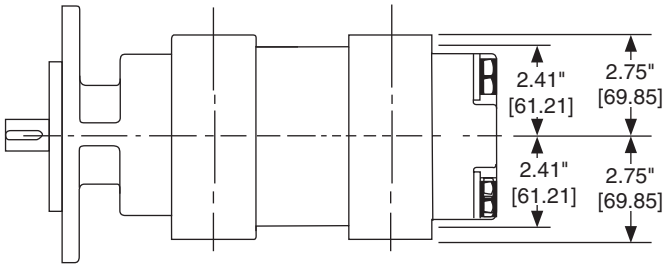
Dimensional Data inches [mm] for reference only. Refer to unit assembly drawings.

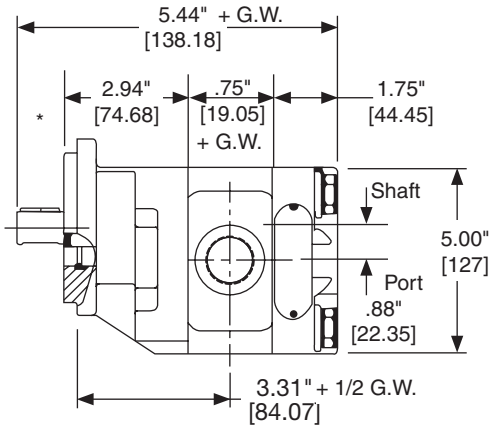


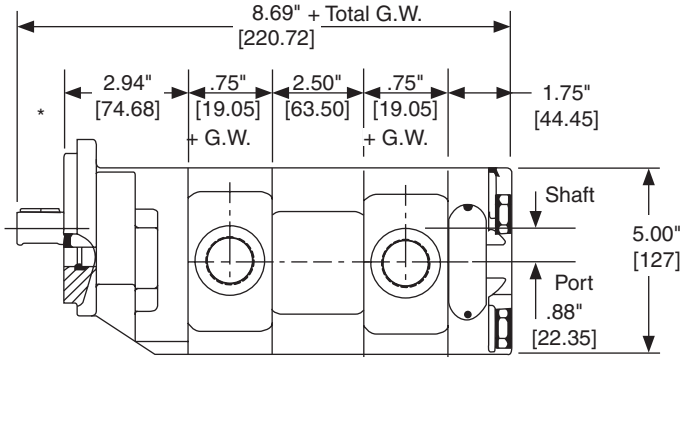
Single Units



Multiple Units







*This dimension will vary with type of driveshaft.

WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

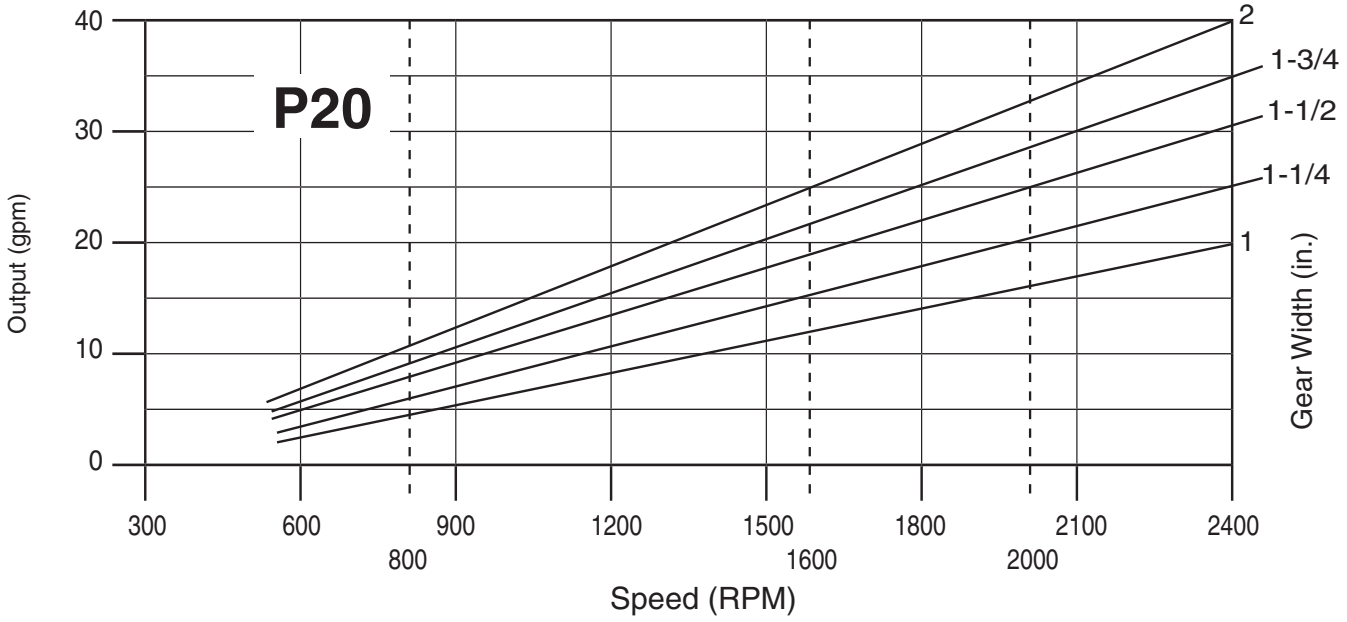
Pump Speed	Gear Width – Output (GPM)				
	1"	1-1/4"	1-1/2"	1-3/4"	2"
900	6.5	8.0	10.0	12.0	13.5
1200	9.0	11.5	14.0	16.0	18.5
1500	11.5	14.5	17.5	20.5	23.5
2100	16.5	21.0	25.0	29.5	34.0

Motor Speed	Gear Width					
	1" Torque in lbs.	GPM	1-1/2" Torque in lbs.	GPM	2" Torque in lbs.	GPM
800	550	9.0	870	13.0	1150	17.0
1200	550	13.0	870	18.0	1150	23.5
1600	550	16.0	860	23.0	1140	30.5
2000	550	19.5	850	28.0	1125	37.0

WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

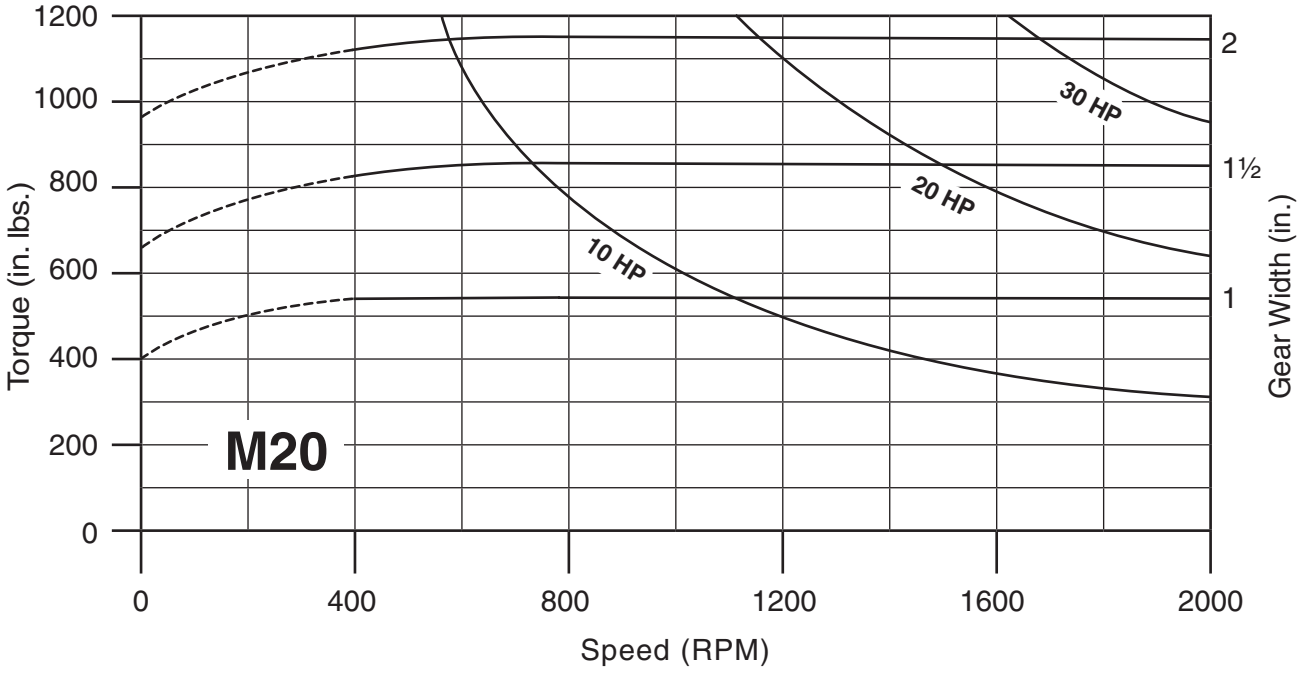
PGP020

Average Output – U.S. Gallons at 175 bar/2500 PSI



PGM020

Average Torque Output – (in. lbs.) at 140 bar/2500 PSI



WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

NPT Port ≤ 3000 PSI

Order Code	NPT Porting Port Size		Gear Width Availability						
	Left	Right	05	07	10	12	15	17	20
AB	None	None	X	X	X	X	X	X	X
IL	1/2	None	X	X	X	-	-	-	-
IM	None	1/2	X	X	X	-	-	-	-
IR	1/2	1/2	X	X	-	-	-	-	-
IC	3/4	None	-	X	X	X	X	X	X
ID	None	3/4	-	X	X	X	X	X	X
IF	3/4	3/4	-	X	X	X	X	X	X
IG	3/4	1	-	-	X	X	X	X	X
IH	3/4	1-1/4	-	-	-	-	X	X	-
IJ	1	3/4	-	-	X	X	X	X	X
IK	1-1/4	3/4	-	-	-	-	X	X	-
YC	1	None	-	-	X	X	X	X	X
YD	None	1	-	-	X	X	X	X	X
YF	1	1	-	-	X	X	X	X	X
YG	1	1-1/4	-	-	-	X	X	X	X
YH	1	1-1/2	-	-	-	-	-	-	-
YJ	1-1/4	1	-	-	-	-	X	X	X
YK	1-1/2	1	-	-	-	-	-	-	-
IA	1-1/4	None	-	-	-	-	X	X	X
IB	None	1-1/4	-	-	-	-	X	X	X
YL	1-1/4	1-1/4	-	-	-	-	X	X	X

ODT Tube Ports ≤ 2500 PSI

Order Code	ODT Tube Porting Port Size		Gear Width Availability						
	Left	Right	05	07	10	12	15	17	20
AB	None	None	X	X	X	X	X	X	X
EC	3/4	None	-	X	X	X	X	X	X
ED	None	3/4	-	X	X	X	X	X	X
EF	3/4	3/4	-	X	X	X	X	X	X
EG	3/4	1	-	-	X	X	X	X	X
EH	3/4	1-1/4*	-	-	-	X*	X	X	X
IN	3/4	1-1/2	-	-	-	-	-	X	X
EJ	1	3/4	-	-	X	X	X	X	X
EK	1-1/4*	3/4	-	-	-	X*	X	X	X
IP	1-1/2	3/4	-	-	-	-	-	X	X
EZ	7/8	None	-	-	-	X	-	-	-
EL	7/8	1	-	-	X	-	-	-	-
EM	1	7/8	-	-	X	-	-	-	-
AC	1	None	-	-	X	X	X	X	X
AD	None	1	-	-	X	X	X	X	X
AF	1	1	-	-	-	X*	X	X	X
AG	1	1-1/4*	-	-	-	X*	X	X	X
AH	1	1-1/2	-	-	-	-	-	X	X
AJ	1-1/4*	1	-	-	-	X*	X	X	X
AK	1-1/2	1	-	-	-	-	-	X	X
AA	1-1/4*	None	-	-	-	X*	X	X	X
AO	None	1-1/4*	-	-	-	X*	X	X	X
AL	1-1/4	1-1/4	-	-	-	-	X	X	X
AM	1-1/4	1-1/2	-	-	-	-	-	X	X
AP	1-1/2	1-1/4	-	-	-	-	-	X	X
AE	1-1/2	None	-	-	-	-	-	X	X
AU	None	1-1/2	-	-	-	-	-	X	X

* Ports designated by an asterisk * are for use as the low-pressure inlet port only.

WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

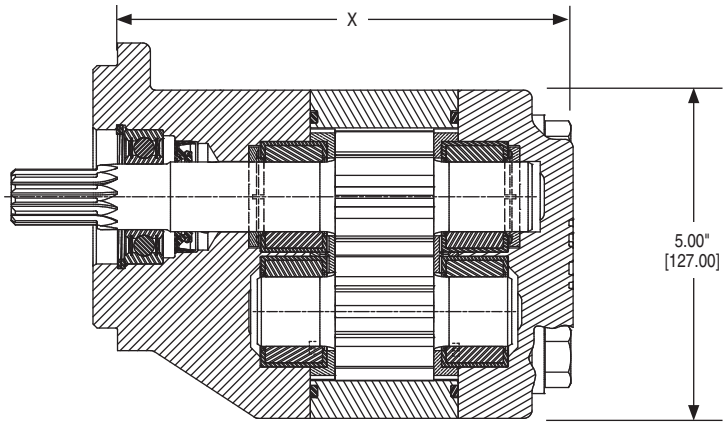
ODT Tube Ports ≤ 3000 PSI

Order Code	ODT Tube Porting Port Size		Gear Width Availability						
	Left	Right	05	07	10	12	15	17	20
AB	None	None	X	X	X	X	X	X	X
EC	3/4	None	-	X	X	X	X	X	X
ED	None	3/4	-	X	X	X	X	X	X
EF	3/4	3/4	-	X	X	X	X	X	X
EG	3/4	1*	-	-	X*	X	X	X	X
EH	3/4	1-1/4*	-	-	-	-	X*	X	X
IN	3/4	1-1/2*	-	-	-	-	-	X*	X
EJ	1*	3/4	-	-	X*	X	X	X	X
EK	1-1/4*	3/4	-	-	-	-	X*	X	X
IP	1-1/2*	3/4	-	-	-	-	-	X*	X
EZ	7/8	None	-	-	-	X	-	-	-
EL	7/8	1*	-	-	X*	-	-	-	-
EM	1*	7/8	-	-	X*	-	-	-	-
AC	1*	None	-	-	X*	X	X	X	X
AD	None	1*	-	-	X*	X	X	X	X
AF	1	1	-	-	-	X*	X	X	X
AG	1	1-1/4*	-	-	-	X*	X*	X	X
AH	1	1-1/2*	-	-	-	-	-	X*	X
AJ	1-1/4*	1	-	-	-	X*	X*	X	X
AK	1-1/2*	1	-	-	-	-	-	X*	X
AA	1-1/4*	None	-	-	-	X*	X*	X	X
AO	None	1-1/4*	-	-	-	X*	X*	X	X
AL	1-1/4	1-1/4	-	-	-	-	-	X	X
AM	1-1/4	1-1/2*	-	-	-	-	-	X*	X
AP	1-1/2*	1-1/4	-	-	-	-	-	X*	X
AE	1-1/2*	None	-	-	-	-	-	X*	X
AU	None	1-1/2*	-	-	-	-	-	X*	X

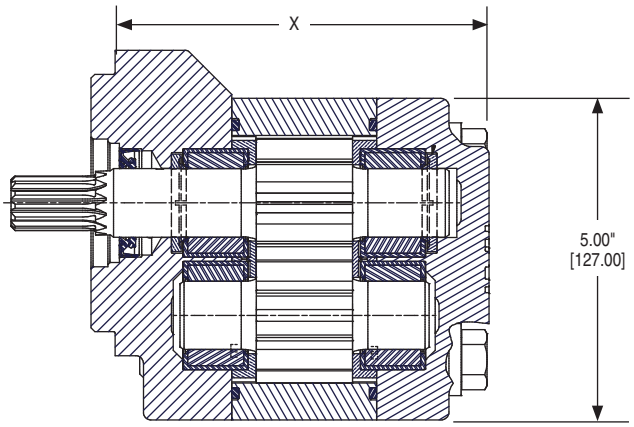
* Ports designated by an asterisk * are for use as the low-pressure inlet port only.

Split Flange Porting ≤ 3000 PSI

Order Code	Split Flange Porting Port Size		Gear Width Availability						
	Left	Right	05	07	10	12	15	17	20
AB	None	None	X	X	X	X	X	X	X
UC	3/4	None	-	X	X	X	X	X	X
UD	None	3/4	-	X	X	X	X	X	X
UF	3/4	3/4	-	X	X	X	X	X	-
UG	3/4	1	-	-	X	X	X	X	X
UH	3/4	1-1/4	-	-	-	X	X	X	X
UJ	1	3/4	-	-	X	X	X	X	X
UK	1-1/4	3/4	-	-	-	X	X	X	X
OC	1	None	-	-	-	X	X	X	X
OD	None	1	-	-	-	X	X	X	X
OF	1	1	-	-	X	X	X	X	X
OG	1	1-1/4	-	-	-	X	X	X	X
OH	1	1-1/2	-	-	-	-	-	X	X
OJ	1-1/4	1	-	-	-	X	X	X	X
OK	1-1/2	1	-	-	-	-	-	X	X
OA	1-1/4	None	-	-	-	X	X	X	X
OB	None	1-1/4	-	-	-	X	X	X	X
OL	1-1/4	1-1/4	-	-	-	-	X	X	X
OM	1-1/4	1-1/2	-	-	-	-	-	X	X
OP	1-1/2	1-1/4	-	-	-	-	-	X	X
OE	1-1/2	None	-	-	-	-	-	X	X
OU	None	1-1/2	-	-	-	-	-	X	X



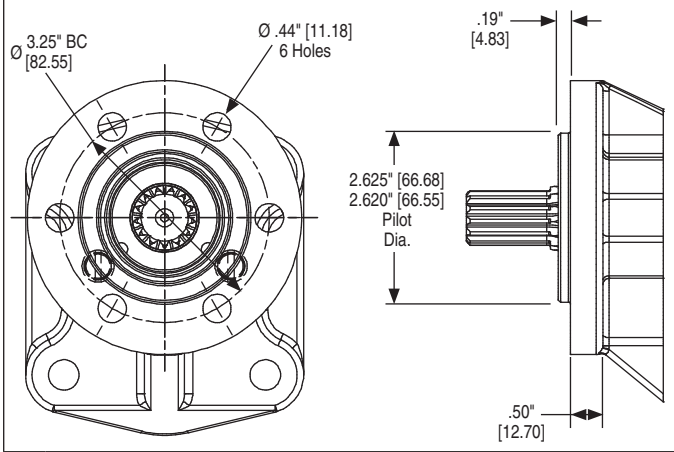
X DIMENSION – Type 1							
SEC CODE	**05**	**07**	**10**	**12**	**15**	**17**	**20**
05	5.94" [150.88]	6.19" [157.23]	6.44" [163.58]	6.69" [169.93]	6.94" [176.28]	7.19" [182.63]	7.44" [188.98]
42	5.94" [150.88]	6.19" [157.23]	6.44" [163.58]	6.69" [169.93]	6.94" [176.28]	7.19" [182.63]	7.44" [188.98]
46	5.94" [150.88]	6.19" [157.23]	6.44" [163.58]	6.69" [169.93]	6.94" [176.28]	7.19" [182.63]	7.44" [188.98]
94	5.94" [150.88]	6.19" [157.23]	6.44" [163.58]	6.69" [169.93]	6.94" [176.28]	7.19" [182.63]	7.44" [188.98]
97	5.94" [150.88]	6.19" [157.23]	6.44" [163.58]	6.69" [169.93]	6.94" [176.28]	7.19" [182.63]	7.44" [188.98]



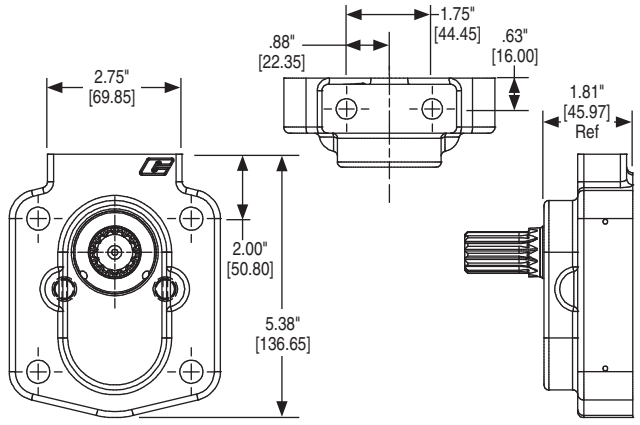
X DIMENSION – Type 2							
SEC CODE	**05**	**07**	**10**	**12**	**15**	**17**	**20**
10	4.81" [122.17]	5.06" [128.52]	5.31" [134.87]	5.56" [141.22]	5.81" [147.57]	6.06" [153.92]	6.31" [160.27]
27	6.56" [166.62]	6.81" [172.97]	7.06" [179.32]	7.31" [185.67]	7.56" [192.02]	7.81" [198.37]	8.06" [204.72]
96	4.81" [122.17]	5.06" [128.52]	5.31" [134.87]	5.56" [141.22]	5.81" [147.57]	6.06" [153.92]	6.31" [160.27]

WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

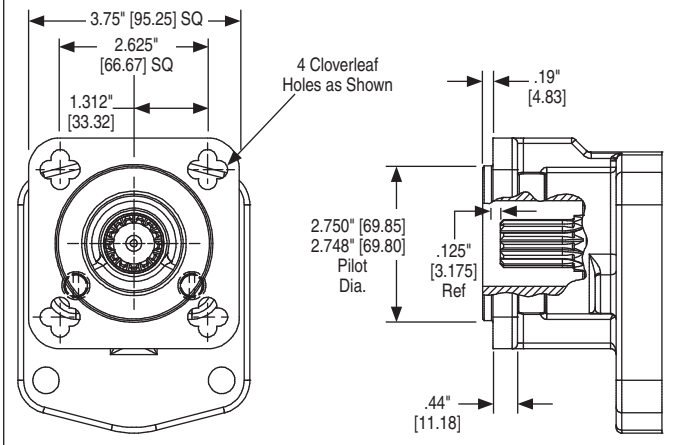
05 6-Bolt Round — **Type 1**



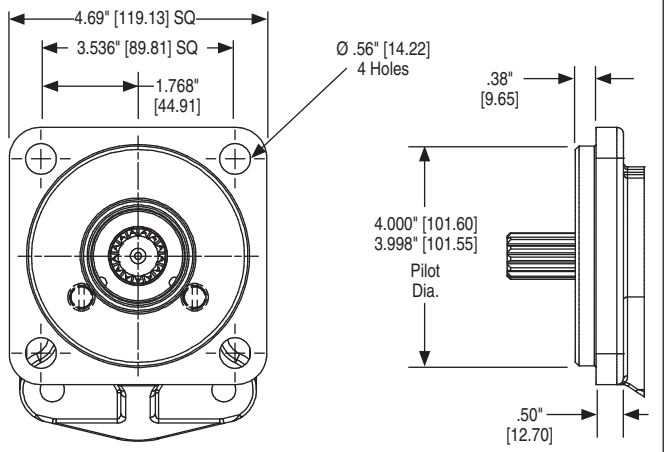
10 2-Bolt Pad Mount — **Type 2**



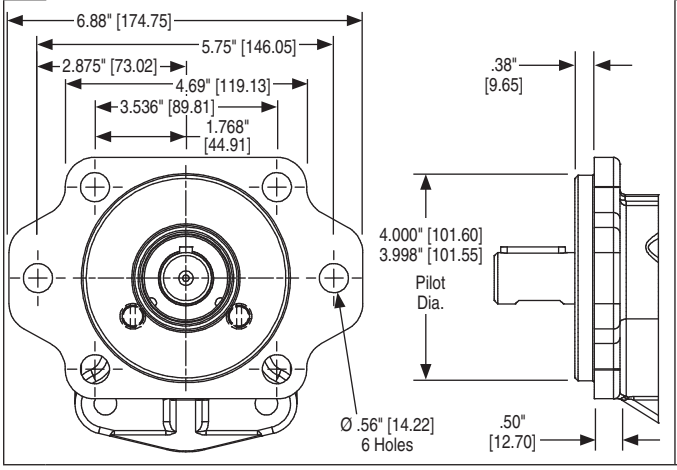
27 4-Bolt Cloverleaf — **Type 2**



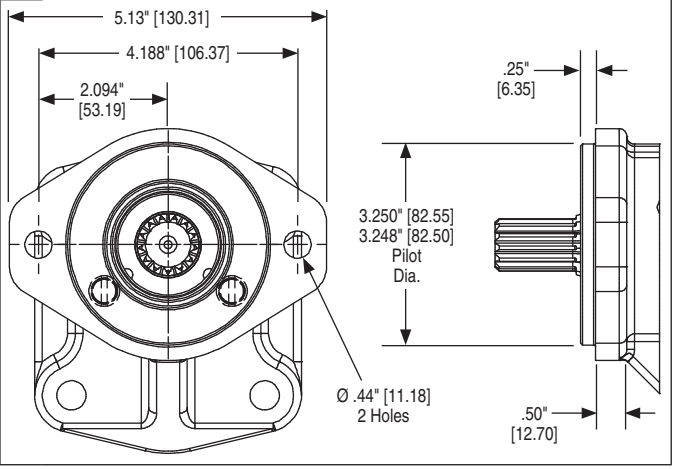
42 SAE B 4-Bolt — **Type 1**



46 SAE B 2/4-Bolt — **Type 1**

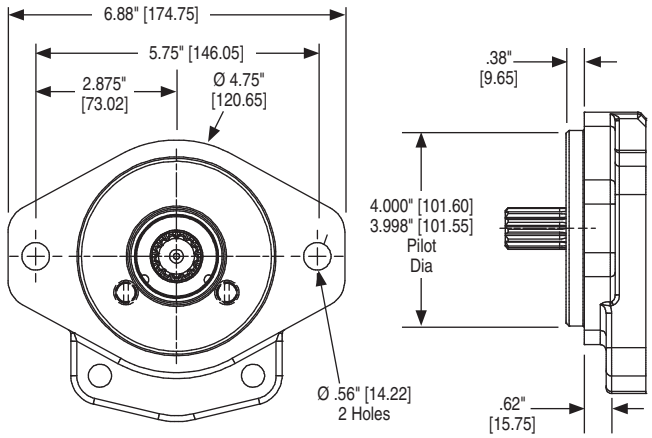


94 SAE A 2-Bolt — **Type 1**

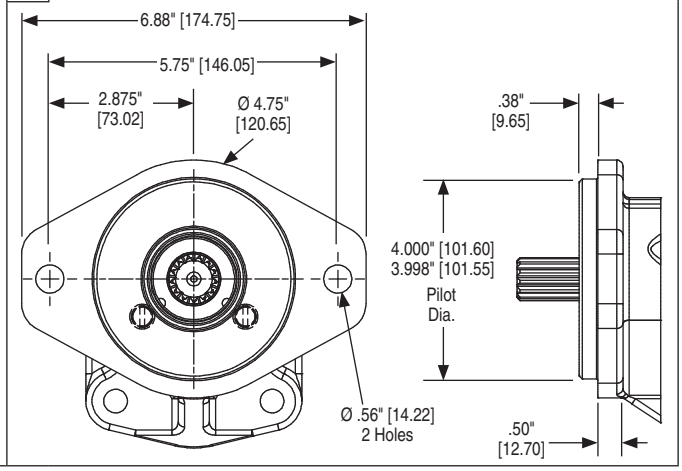


WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

96 **SAE B 2-Bolt** **Type 2**

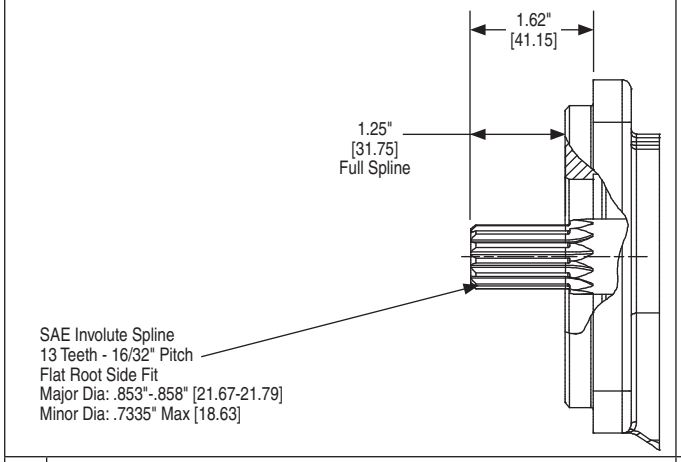


97 **SAE B 2-Bolt** **Type 1**

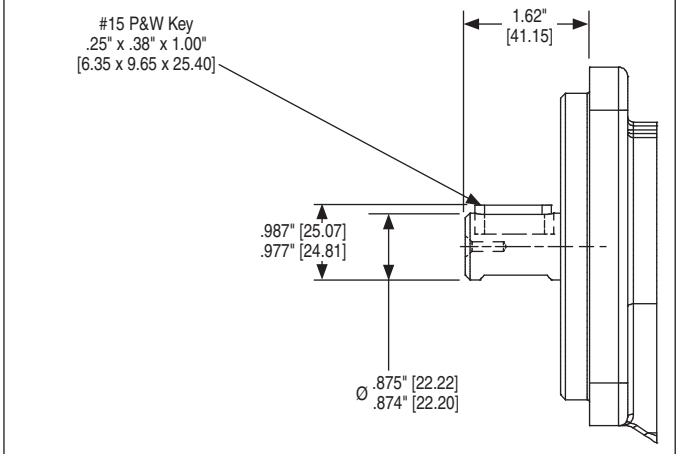


WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

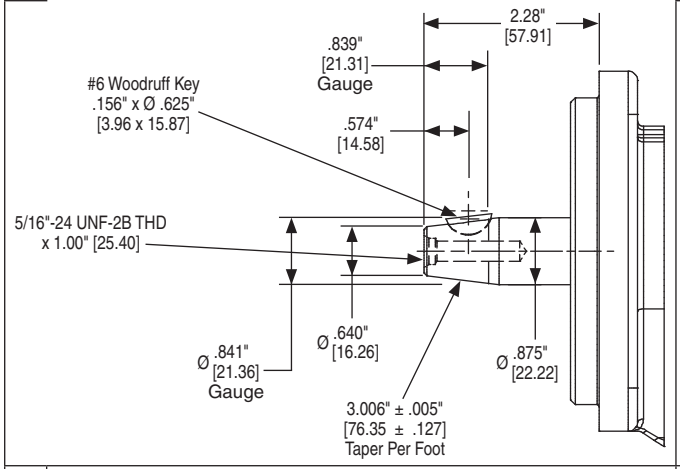
25 SAE B Spline **Type 1**



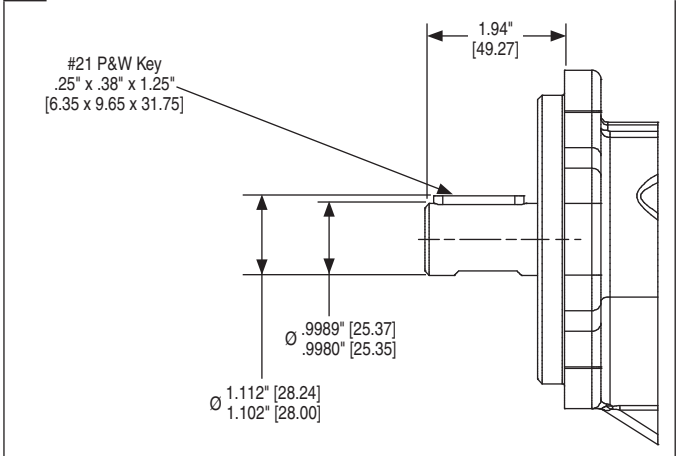
30 SAE B Keyed **Type 1**



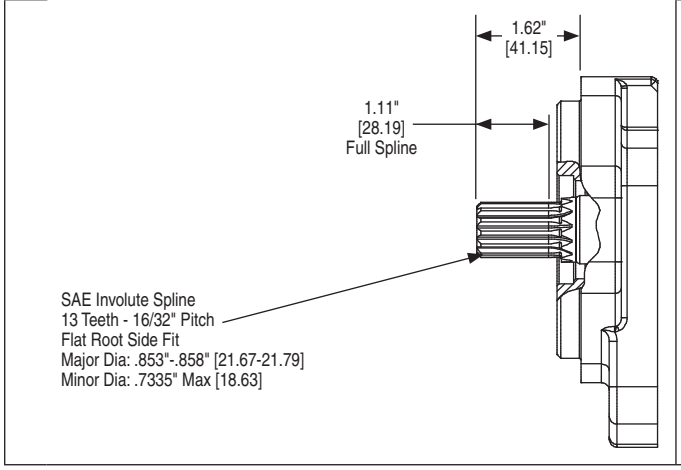
32 Taper / Clutch **Type 1**



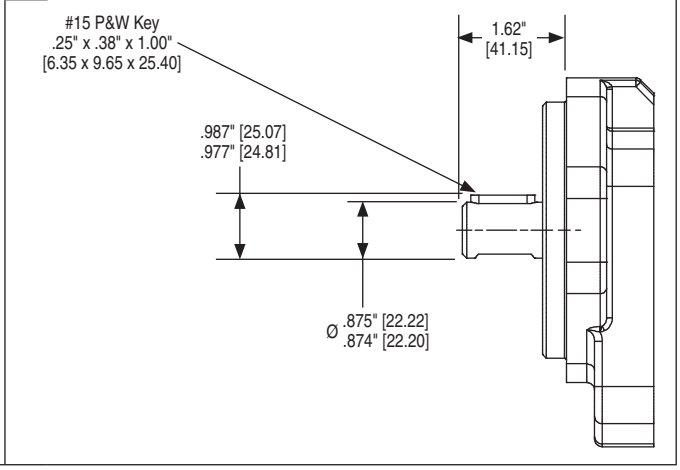
43 SAE BB Keyed **Type 1**



65 SAE B Spline **Type 2**

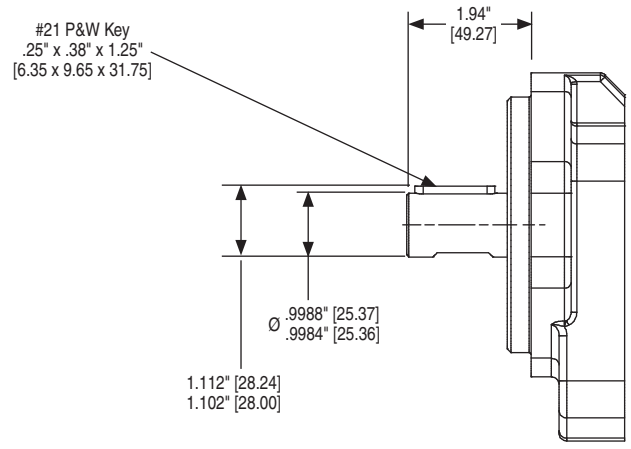


66 SAE B Keyed **Type 2**

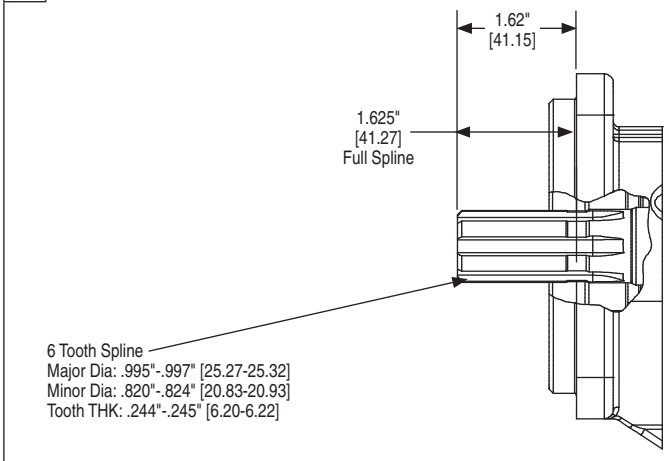


WARNING: This product can expose you to chemicals including lead or DEHP which are known to the state of California to cause cancer, birth defects, and other reproductive harm. www.p65warnings.ca.gov

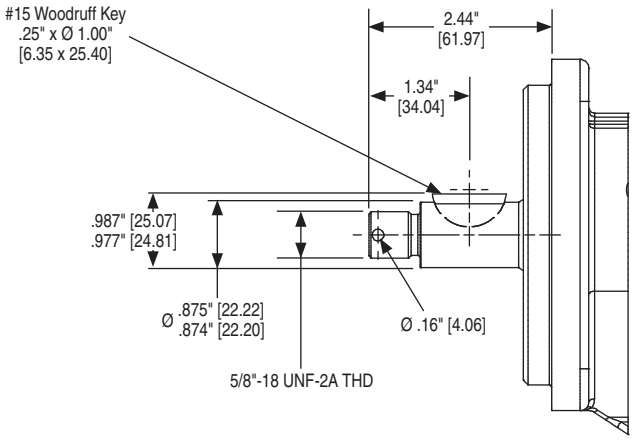
67 SAE BB Keyed — Type 2



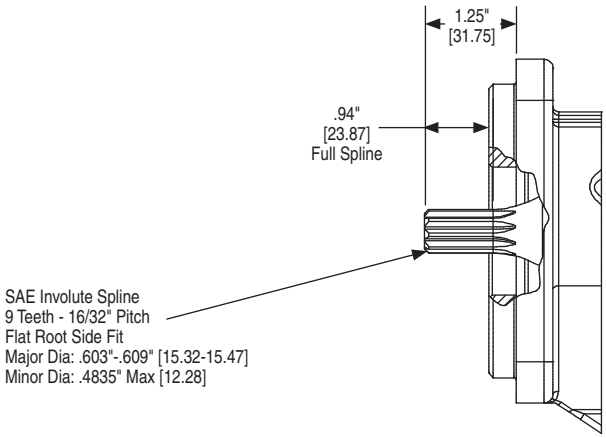
68 6 Tooth Spline — Type 1



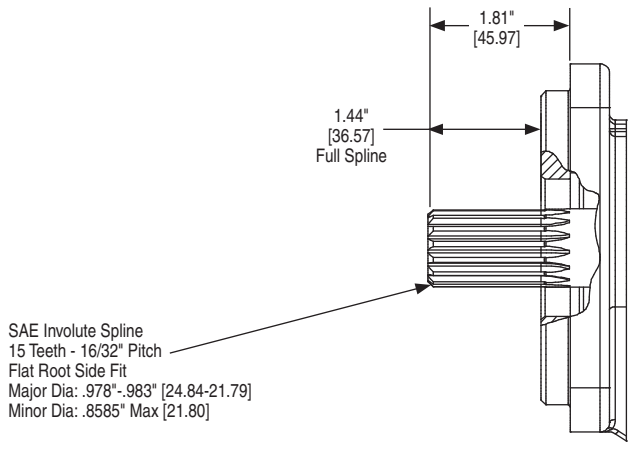
90 SAE B Keyed + THD — Type 1



95 SAE A Spline — Type 1



98 SAE BB Spline — Type 1



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