Pump Series	Displacement	Shaft Rotation	Percent of Max Displacement	Shaft Options	Mounting Flange	Pressure Setting

Series	
P2	Standard
P3	Supercharged

Code	Displacement	P2	P3
060	60 cm³/rev (3.70 in³/rev)	X	
075	75 cm³/rev (4.58 in³/rev)	X	X
105	105 cm³/rev (6.41 in³/rev)	X	X
145	145 cm³/rev (8.85 in³/rev)	X	X

Code	Rotation[1]
R	CW
L	CCW

[1]As viewed from shaft end

Code	Percent of Max Displacement
00	100% stroke, standard factory setting
XX	Range is 70-99 (70%-99%)

Shaft Options

Code		060	075	105	145
B1	SAE B Spline[1]	X			
B2	SAE BB Spline	X			
C1	SAE C Spline	X	X	X	X
C2	SAE CC Spline[2]		X	X	
C3	SAE C Spline[2]		X	X	X
C5	SAE C Key	X	X	X	X
C6	SAE CC Key[2]		X	X	X
D1	SAE D Spline			X	X
D3	SAE D Key				X

[1] 060 non thru drive only
[2] 075 thru drive version only

Mounting Flange

Code	060	075	105	145
B	SAE B 2-bolt			
C	SAE C 4-bolt	SAE C 2/4-bolt	SAE C 2/4-bolt	SAE C 2-bolt
D				SAE D 4-bolt

Code	Pressure Setting
XX	Factory max setting, in Bar times 10 (100-320 bar range)

For example "32" = 320 Bar Pressure Compensator Setting

P2/P3 Torque Control Options TA, TB, TC, TD Ordering Guide

	Maximum Rated Torque		TA/TB Adjustment Range 20%-60% of Max Torque		TC/TD Adjustment Range 50%-90% of Max Torque	
	Nm	Lb. In.	Nm	Lb. In	Nm	Lb. In
P2/P3060	339	3004	68-204	600-1802	170-306	1502-2703
P2/P3075	424	3755	85-254	751-2253	212-382	1877-3379
P2/P3105	594	5257	119-356	1051-3154	297-535	2628-4731
P2/P3145	820	7259	164-492	1451-4355	410-738	3629-6533

The input torque limit is factory set at a percentage of the maximum rated input torque. The percentage needs to be specified in Torque Control Setting (%) box of the ordering code. For example, for a P2/P3075-TC pump with an input torque limit setting required of 300Nm, divide 300 into 424, which equals 71%, so 71 is specified in Torque Control Setting (%) box.

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Controls	Differential Pressure Setting	Seal Type	Torque Control Setting (%)	Thru Drive	Port Location	Multiple Pump Option	Paint Option

Code	Multiple Pump Option
1	Single pump
2[5]	Front pump of multiple pump combination
3[5]	Middle pump of multiple pump combination
4[5]	Rear pump of multiple pump combination

[5]Multiple pump assemblies must be ordered on the same purchase order and must be comprised of Parker piston pumps only

Code	Port Location
A	Side flanges - UNC
B	Side flanges - ISO6149 (metric)
G[4]	Rear flanges - UNC
H[4]	Rear flanges - ISO6149 (metric)

[4]P2060 and P2075 only

Code	Thru Drive
S1	No thru drive
T1	Thru drive with cover, no coupling
A1	SAE A - 2 bolt, A spline
B1	SAE B - 2 bolt, B spline
B2	SAE B - 2 bolt, BB spline
C1	SAE C - 2 bolt, C spline
C2	SAE C - 2 bolt, CC spline (145 only)
C3	SAE C - 4 bolt, C spline
C4	SAE C - 4 bolt, CC spline (145 only)
D3	SAE D - 4 bolt, D spline (145 only)

Code	Torque Control Setting in %
00	Standard setting for non-torque control pumps
XX[3]	20 to 90% of max. rated torque

[3]See chart on previous page for information and examples.

Code	Paint Option
P	Parker Black
U	No paint

Code	Seal Type
N	Nitrile, single shaft seal
D	Nitrile, double shaft seal - “wet flange”
V	Fluorocarbon, single shaft seal
T	Fluorocarbon, double shaft seal - “wet flange”

Code	Differential Pressure Setting
20	Recommended Initial Factory Setting
00	Use with PA Control Only
XX	Pressure Setting in Bar - Range 10-35

Code	Controls
PA	Standard Max Pressure Control (Pmax) 100-320 Bar (1450-4600 PSI)
RA	Remote/Pmax 100-320 Bar (1450-4600 PSI)
LA	Load sensing (2 spool)/Pmax without bleed orifice
LB	Load sensing (2 spool)/Pmax with bleed orifice
TA[3]	Torque/LS/Pmax without bleed orifice (2 spool) - torque range 20-60% of max rated torque
TB[3]	Torque/LS/Pmax with bleed orifice (2 spool) - torque range 20-60% of max rated torque
TC[3]	Torque/LS/Pmax without bleed orifice (2 spool) - torque range 50-90% of max rated torque
TD[3]	Torque/LS/Pmax with bleed orifice (2 spool) - torque range 50-90% of max rated torque

[3]See previous page for information and examples.

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