

# SP20P SERIES - PRIORITY FLOW DIVIDER PUMPS MODEL CODE

**SP20PB 23 K 185 H 2 R**

**SERIES NO.** \_\_\_\_\_

**DISPLACEMENT CODE (CC/REV)** \_\_\_\_\_

**PRIORITY FLOW +** \_\_\_\_\_

- G - 1.5 GPM PRIORITY FLOW
- H - 2.0 GPM PRIORITY FLOW
- J - 2.5 GPM PRIORITY FLOW
- K - 3.0 GPM PRIORITY FLOW
- L - 3.5 GPM PRIORITY FLOW
- M - 4.0 GPM PRIORITY FLOW
- N - 4.5 GPM PRIORITY FLOW
- P - 5.0 GPM PRIORITY FLOW

**PRIORITY FLOW RELIEF SETTING** \_\_\_\_\_

THE THREE DIGIT CODE REPRESENTS RELIEF VALVE SETTING DIVIDED BY 10. FOR INSTANCE A CODE NUMBER OF 185 REPRESENTS A RELIEF SETTING OF 1850 PSI. (RELIEF SETTING MUST BE BETWEEN 1000 AND 2250 PSI.)

+ FOR PRIORITY FLOWS AND RELIEF SETTINGS NOT INDICATED, CONTACT FACTORY.

o FOR DISPLACEMENT CODES 08 THROUGH 27, SHAFT CODES 2 AND 9 ARE STANDARD. FOR DISPLACEMENT CODES 30 AND 33, SHAFT CODES 3 AND 4 ARE STANDARD. PUMPS WITH NONSTANDARD SHAFT CODES ARE AVAILABLE IN MINIMUM QUANTITIES.

**ROTATION (FACING END OF SHAFT)**

- L-COUNTER CLOCKWISE
- R-CLOCKWISE

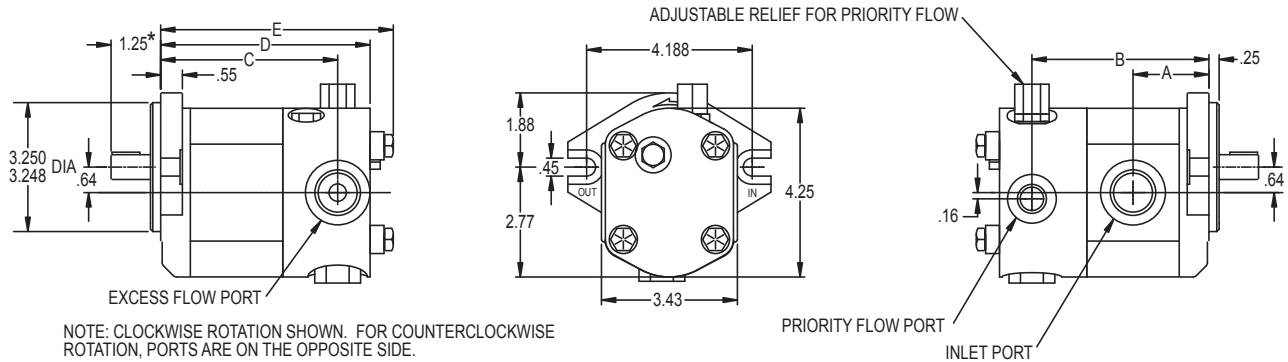
**DRIVE SHAFT**

- 9-SAE 9 TOOTH 16/32 SPLINE
- 2-SAE 5/8" STRAIGHT KEYED
- 3-11 TOOTH 16/32 SPLINE
- 4-3/4" STRAIGHT KEYED
- 5-SAE 10 TOOTH 16/32 SPLINE

**MOUNTING**

- H-SAE "A" 2 BOLT

## SP20P SERIES DIMENSIONAL DATA



## STANDARD STOCK MODEL

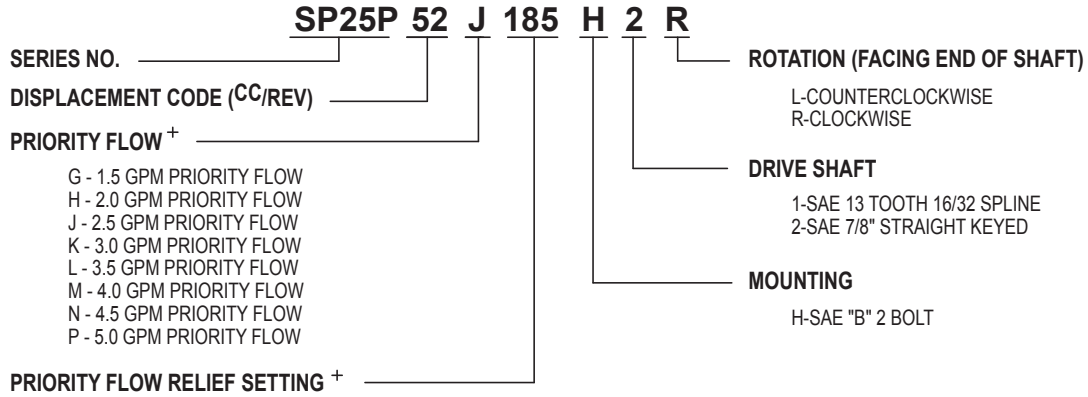
SP20B11L145H9-L

## SPECIFICATIONS

MODEL NUMBER	DISP. IN <sup>3</sup> /REV	RATED PRESSURE PSI	MAX RPM	A	B	C	D	E	INLET PORT SIZE	EXCESS FLOW PORT SIZE	PRIORITY FLOW PORT SIZE	WT. (LB.)
SP20PB06	.400	3000	4000	1.79	4.22	4.22	5.04	5.36	7/8-14 UN-2B 5/8" FULL THREAD DEPTH	1 1/16-12 UN-2B	9/16-18 UNF-2B	6.7
SP20PB08	.499	3000	4000	1.83	4.30	4.30	5.12	5.82	6.8			
SP20PB09	.589	3000	4000	1.87	4.38	4.38	5.20	5.80	7.0			
<b>SP20PB11</b>	.677	3000	4000	1.91	4.46	4.46	5.28	5.88	1 1/16-12 UN-2B	3/4" FULL THREAD DEPTH	3/4" FULL THREAD DEPTH	7.2
SP20PB14	.860	3000	4000	1.99	4.62	4.62	5.44	5.81	7.4			
SP20PB16	.976	3000	4000	2.04	4.72	4.72	5.53	5.84	3/4" FULL THREAD DEPTH	1 5/16-12 UN-2B	3/4" FULL THREAD DEPTH	7.7
SP20PB20	1.220	3000	3500	2.15	4.93	4.93	5.75	6.35	7.9			
SP20PB23	1.403	2500	3500	2.23	5.09	5.09	5.91	6.28	8.1			
SP20PB27	1.654	2500	3500	2.34	5.31	5.31	6.12	6.82	3/4" FULL THREAD DEPTH	3/4" FULL THREAD DEPTH	3/4" FULL THREAD DEPTH	8.3
SP20PB30	1.881	2500	3000	2.41	5.46	5.46	6.28	6.88	8.8			
SP20PB33	2.014	2500	3000	2.49	5.62	5.62	6.44	6.81	9.3			

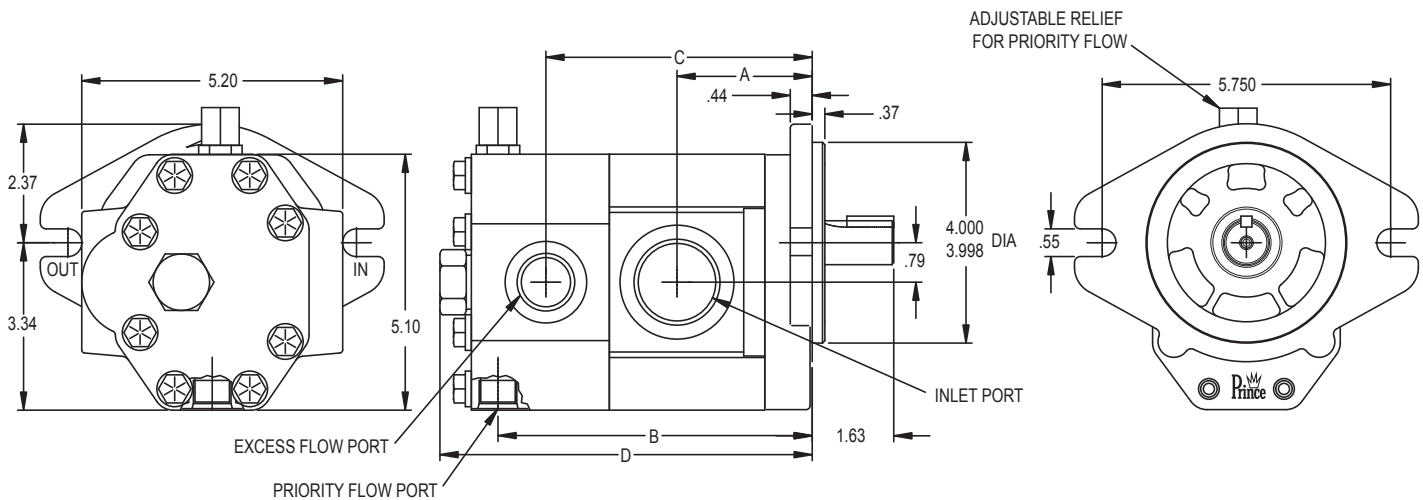
FOR PUMP PERFORMANCE DATA AND DIMENSIONAL DATA, REFER TO THE SP20B PUMP SECTION Standard Seal Kit for all SP20B Models is Prince Part No. PMCK-SP20.

## SP25P SERIES - PRIORITY FLOW DIVIDER PUMPS MODEL CODE



+ FOR PRIORITY FLOWS AND RELIEF SETTINGS NOT INDICATED, CONTACT FACTORY.

### SP25P SERIES DIMENSIONAL DATA



RIGHT HAND ROTATION SHOWN. FOR LEFT HAND ROTATION, INLET AND EXCESS FLOW PORTS GO TO THE OPPOSITE SIDE OF THE PUMP, PRIORITY FLOW PORT GOES FROM THE BOTTOM TO THE TOP OF THE PUMP.

### SPECIFICATIONS

MODEL NUMBER	DISP. IN <sup>3</sup> /REV	RATED PRESSURE	MAX. RPM	A	B	C	D	INLET PORT SIZE		EXCESS FLOW PORT SIZE	PRIORITY FLOW PORT SIZE	WT. (LB.)
SP25P19	1.141	3000	3000	2.49	6.26	5.32	7.42	1 5/16-12 UN-2B	3/4" FULL THREAD DEPTH	1 1/16-12 UN-2B	3/4-16 UN-2B	14.7
SP25P22	1.349	3000	3000	2.55	6.38	5.44	7.54					14.9
SP25P27	1.660	3000	3000	2.64	6.56	5.62	7.71	15.3				
SP25P32	2.008	3000	3000	2.74	6.75	5.82	7.91	1 5/8-12 UN-2B		3/4" FULL THREAD DEPTH	9/16" FULL THREAD DEPTH	16.7
SP25P38	2.318	3000	3000	2.83	6.93	5.99	8.09					17.8
SP25P44	2.697	3000	3000	2.94	7.15	6.21	8.30	1 7/8-12				3/4" FULL THREAD DEPTH
SP25P52	3.179	2500	2500	3.07	7.42	6.49	8.58		18.7			
SP25P63	3.869	2500	2100	3.27	7.82	6.88	8.97	19.7				

FOR PUMP PERFORMANCE DATA AND SHAFT DIMENSIONAL DATA, REFER TO THE SP25A PUMP SECTION.  
Standard Seal Kit for all SP25 Models is Prince Part No. PMCK-SP25.