

Technical Information

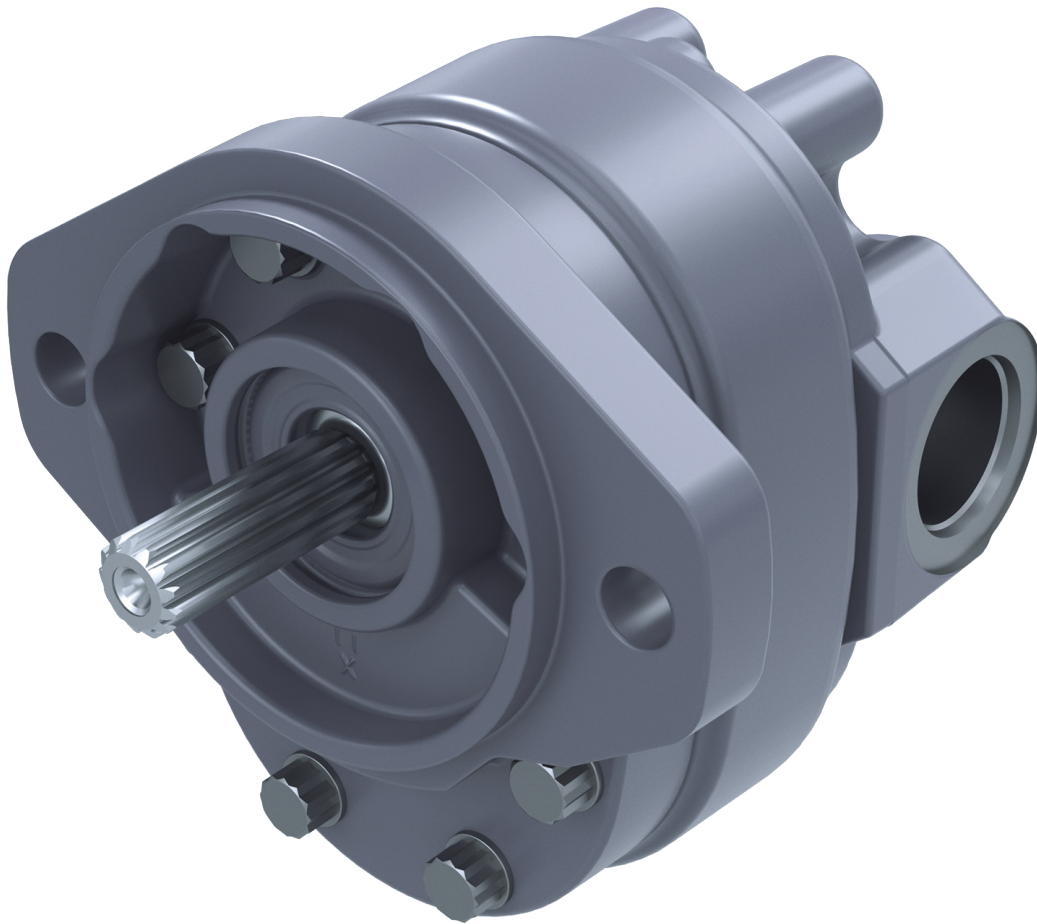


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SERIES 26 MOTORS

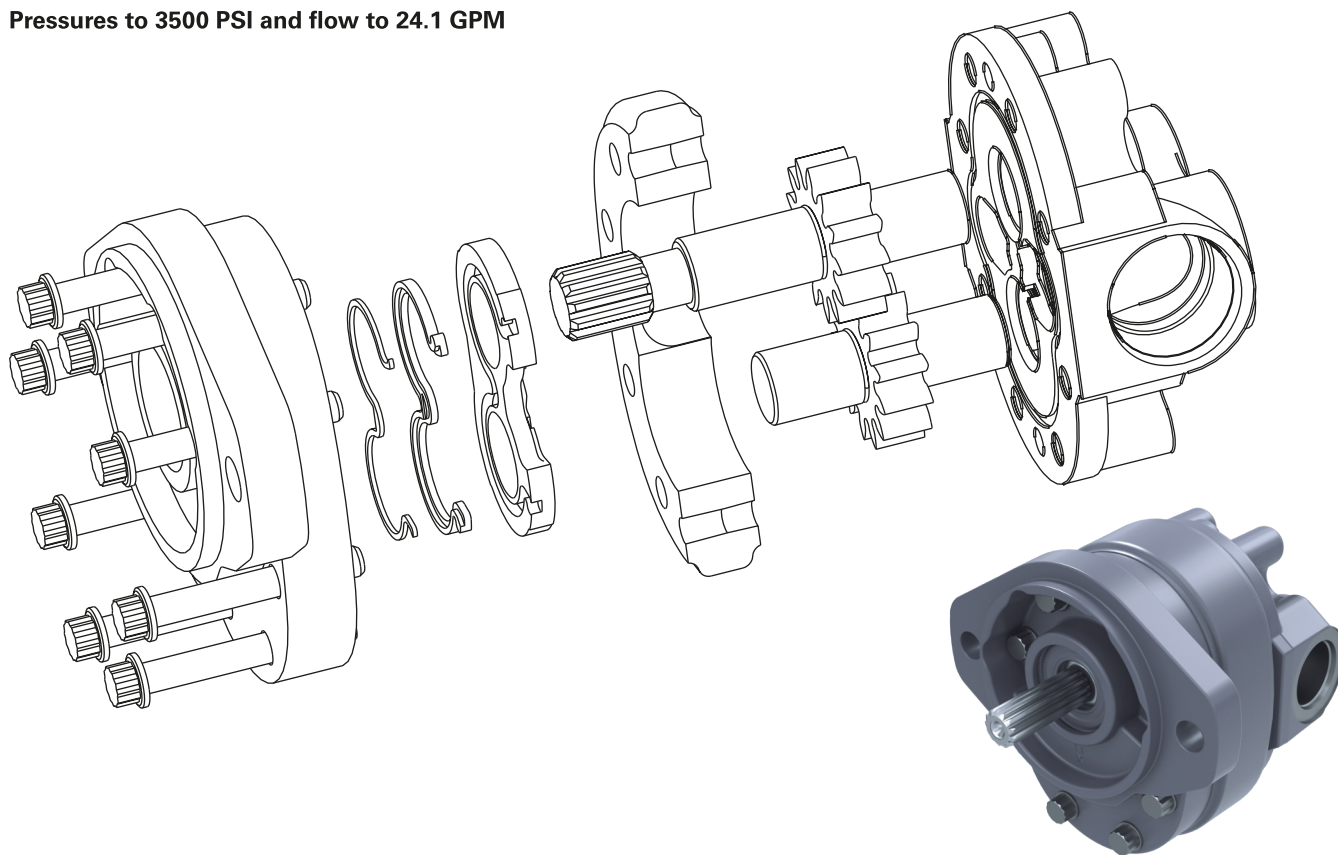
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SERIES L2 PUMPS

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Series 26 pump Features

Pressures to 3500 PSI and flow to 24.1 GPM



Quiet operation

- The 13-tooth gears, versus 10 teeth in previous pumps, minimizes the flow ripple. This reduces noise as well as vibration.
- The improved trap reliefs not only increase power, they also help keep oil flowing smoothly to reduce noise.

Improved efficiency

- Improved bearing lubrication system uses inlet oil instead of high pressure oil, improving volumetric efficiency for more power output.
- The highly polished shaft and gears improve mechanical efficiency and reduce wear on these components, adding to the service life and reliability of the pump.
- The optimized trapped oil relief areas help reduce pressure ripple for quieter operation. This also decreases the input power requirements.

Field reversible

- The innovative new wear plate permits simple field reversibility of the pump direction. Simply open the pump, switch the drive gear and idler gear, reposition the plug and reassemble. No extra parts are needed.

Interchangeability

- The Series 26 Gear Pump has been designed to retrofit equipment using the B1 and B2 Gear Pumps. Extra shafts, porting, and mounting configurations, as well as 13 available displacements, give you the choices you need for an easy conversion to this superior pump.

Series 26 pump

General specifications and performance data

Rotation	Field reversible
Mounting flange	SAE A 2 Bolt
Max. Continuous pressure†	210 bar [3000 PSI]*
Max. Intermittent pressure††	240 bar [3500 PSI]**
Minimum speed at continuous pressure	750 RPM
Maximum rotating torque at 0 pressure	4 Nm [36 lb-in]
Maximum continuous operating temperature	105°C [220°F]
Minimum continuous oil viscosity	5.7 cSt [45 SUS]
Minimum operating temperature	-29°C [-20°F]
Maximum inlet vacuum at operating condition	0,8 bar Abs. [11.6 psi Abs.]

† Continuous - pump may be run continuously at these ratings. †† Intermittent - intermittent operation, 10% of every minute.

* 30 .6 cm³/rev . [1.87 in³/rev.] displacement max. continuous pressure is 190 bar [2750 PSI] .

** 30 .6 cm³/rev . [1.87 in³/rev.] displacement max. intermittent pressure is 224 bar [3250 PSI] .

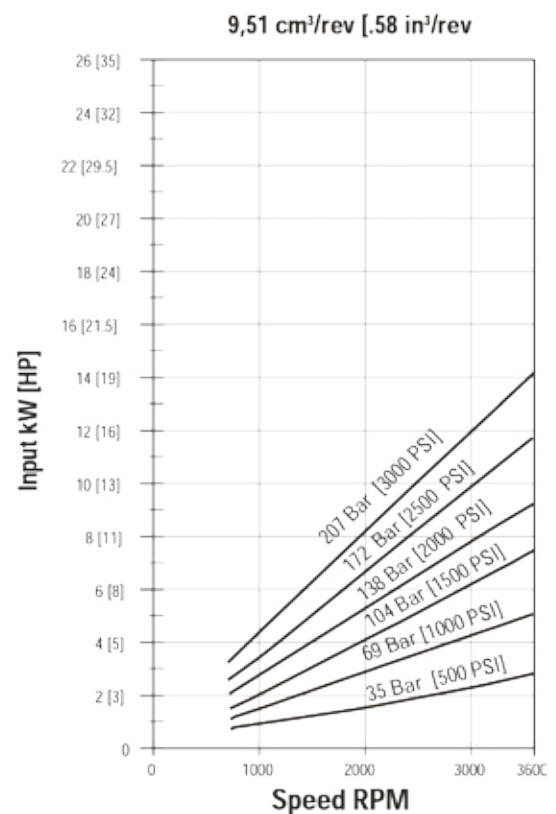
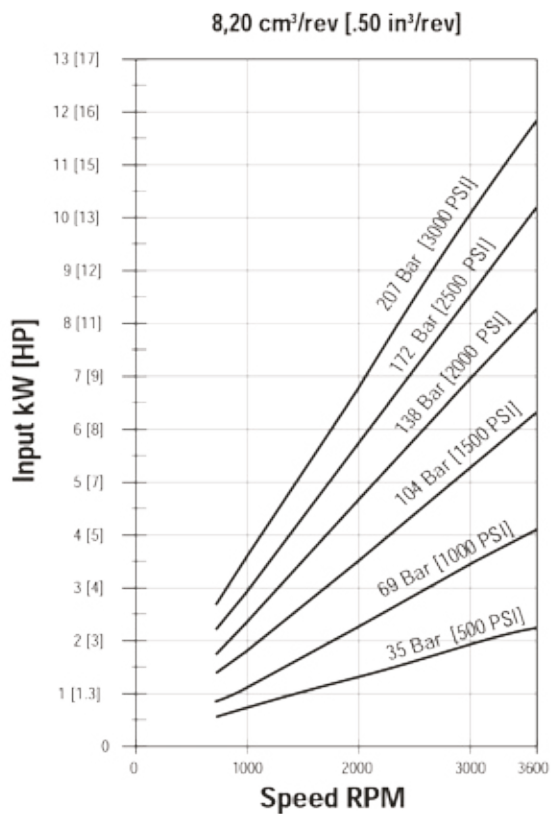
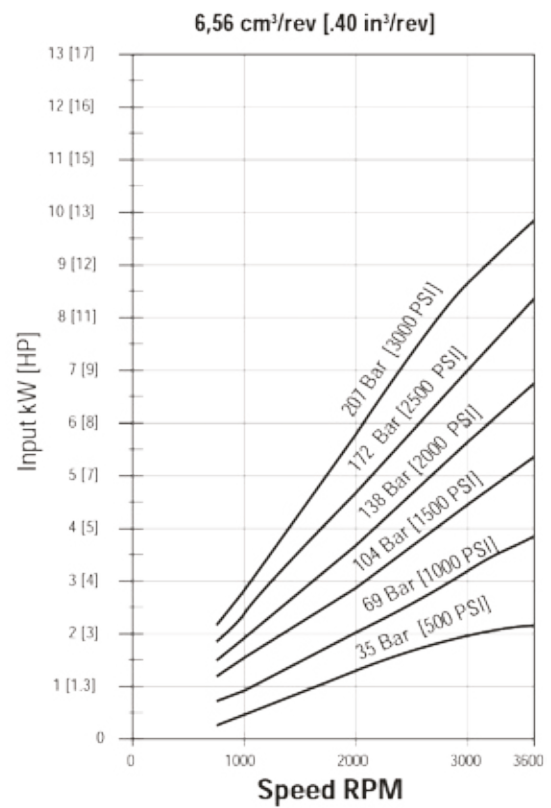
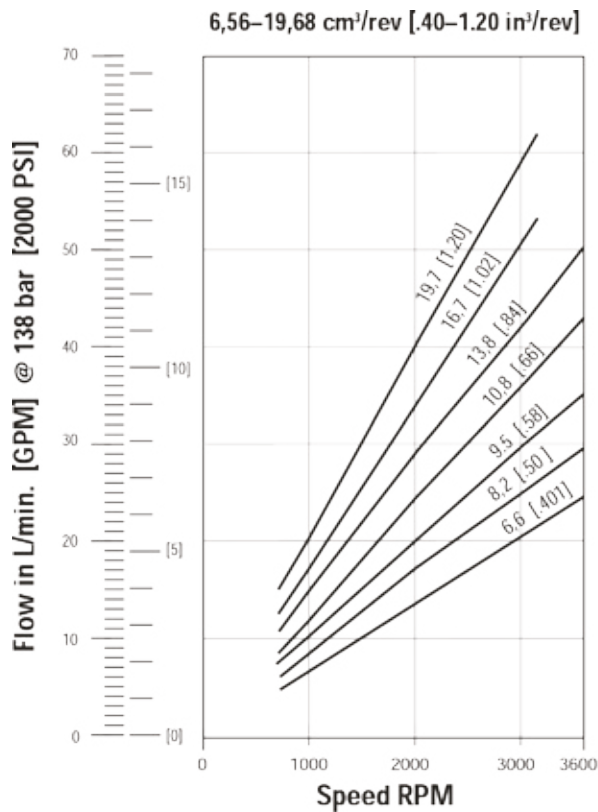
For side load limits consult your Danfoss representative.

Displacement cm ³ /r [in ³ /r]	6,6 [.40]	8,2 [.50]	9,5 [.58]	10,8 [.66]	13,8 [.84]	16,7 [1.02]	19,7 [1.20]
Max. Intermittent pressure bar [PSI]	241 [3500]	241 [3500]	241 [3500]	241 [3500]	241 [3500]	241 [3500]	241 [3500]
Rated speed (RPM)	3600	3600	3600	3600	3600	3600	3200
Minimum output flow at 207 bar [3000 PSI] and rated speed LPM [GPM]	20,1 [5.3]	25,0 [6.6]	29,5 [7.8]	33,7 [8.9]	43,5 [11.5]	55,3 [14.6]	57,9 [15.3]
Input power at 207 bar [3000 PSI] and rated speed and cont. Pressure kW [HP]	9,7 [13.0]	11,9 [15.9]	14,1 [18.9]	15,5 [20.8]	20,0 [26.8]	22,0 [29.4]	26,2 [35.2]

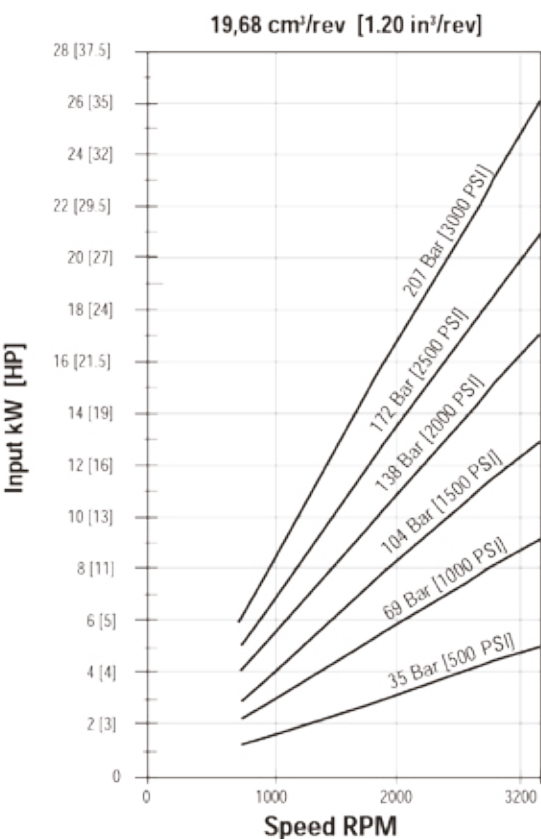
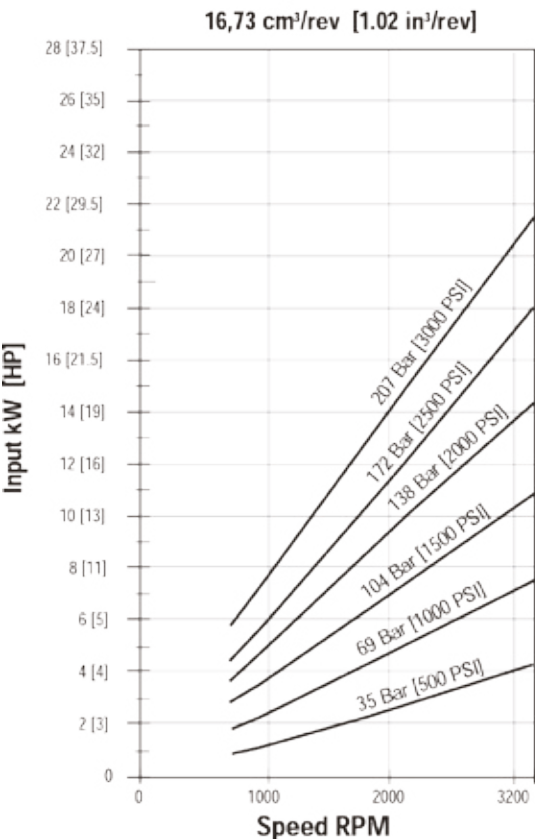
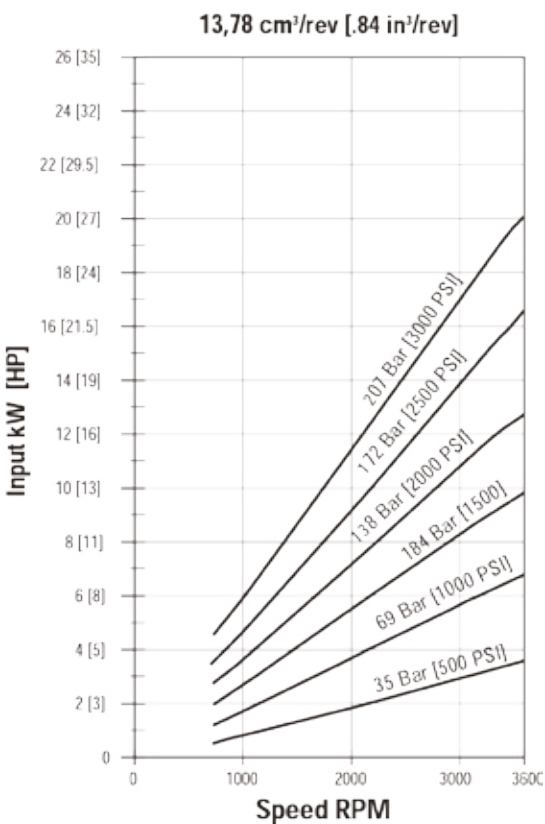
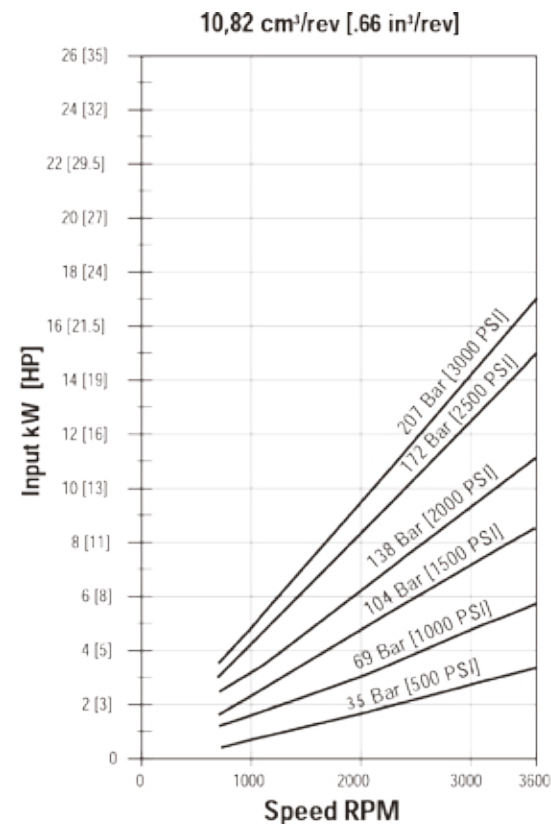
Displacement cm ³ /r [in ³ /r]	22,5 [1.37]	24,3 [1.48]	25,2 [1.54]	27,7 [1.69]	29,0 [1.77]	30,6 [1.87]
Max. Intermittent pressure bar [PSI]	241 [3500]	241 [3500]	241 [3500]	241 [3500]	234 [3400]	224 [3250]
Rated speed (RPM)	3000	3000	3000	3000	3000	3000
Minimum output flow at 207 bar [3000 PSI] and rated speed LPM [GPM]	62,1 [16.4]	67,0 [17.7]	69,7 [18.4]	76,5 [20.2]	79,9 [21.1]	84,4 [22.3]
Input power at 207 bar [3000 PSI] and rated speed and cont. Pressure kW [HP]	27,3 [36.6]	30,5 [40.9]	31,0 [41.6]	33,4 [44.8]	35,4 [47.4]	37,4 [50.1]

The performance data in the table above and the following graphs was collected using a mineral base oil with a viscosity of 133 SUS at 49°C [120°F]

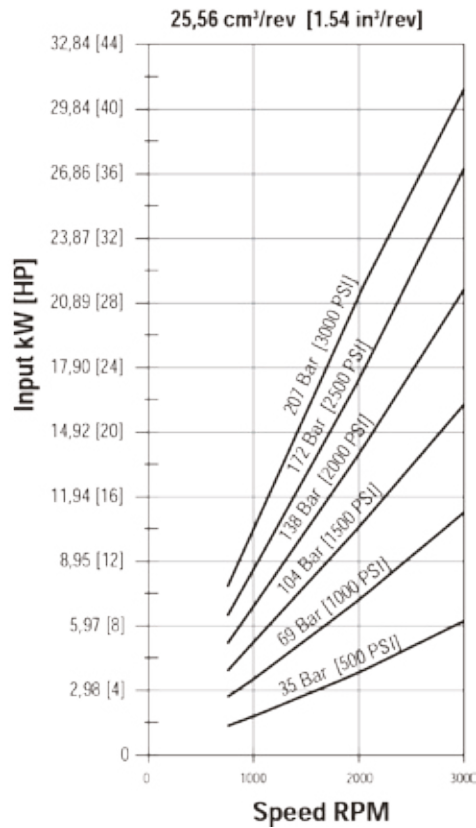
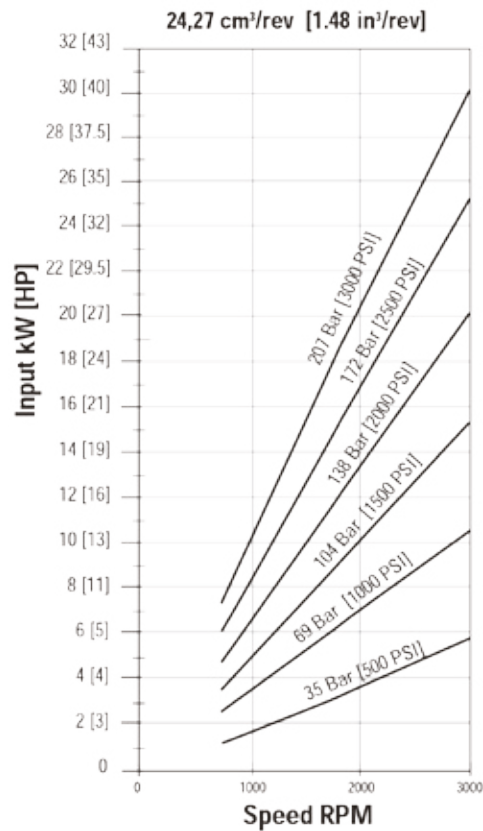
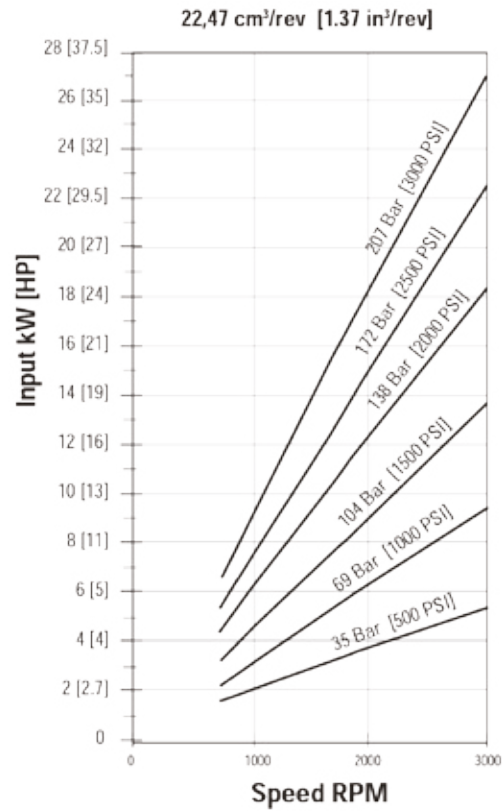
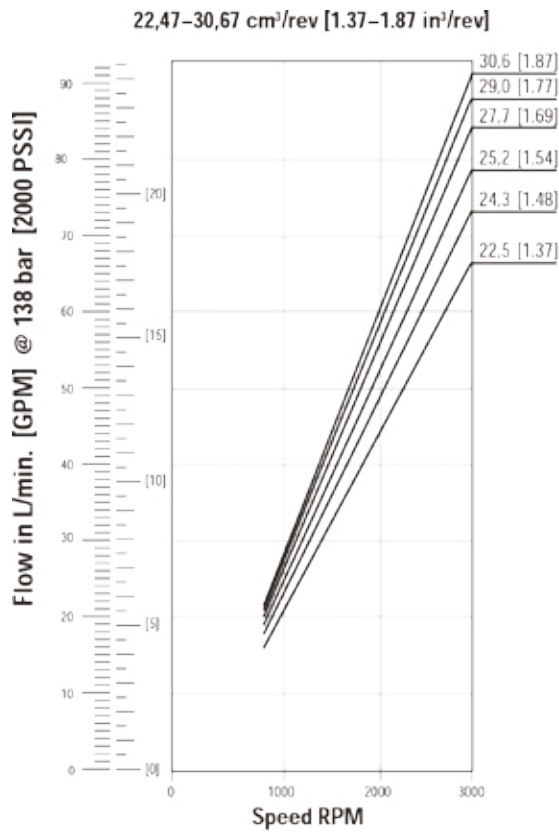
Series 26 pump Performance data charts



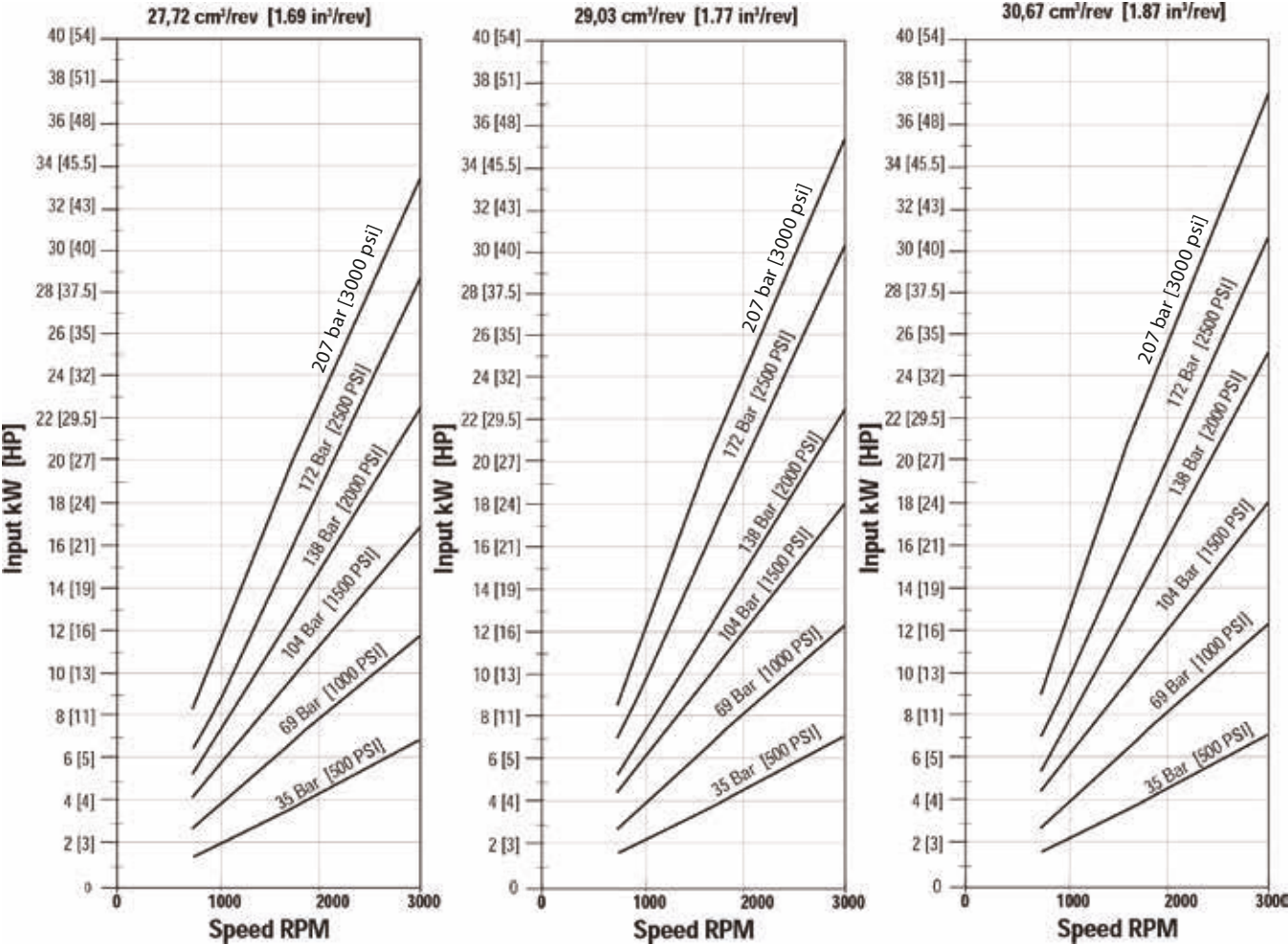
Series 26 pump Performance data charts



Series 26 pump Performance data charts



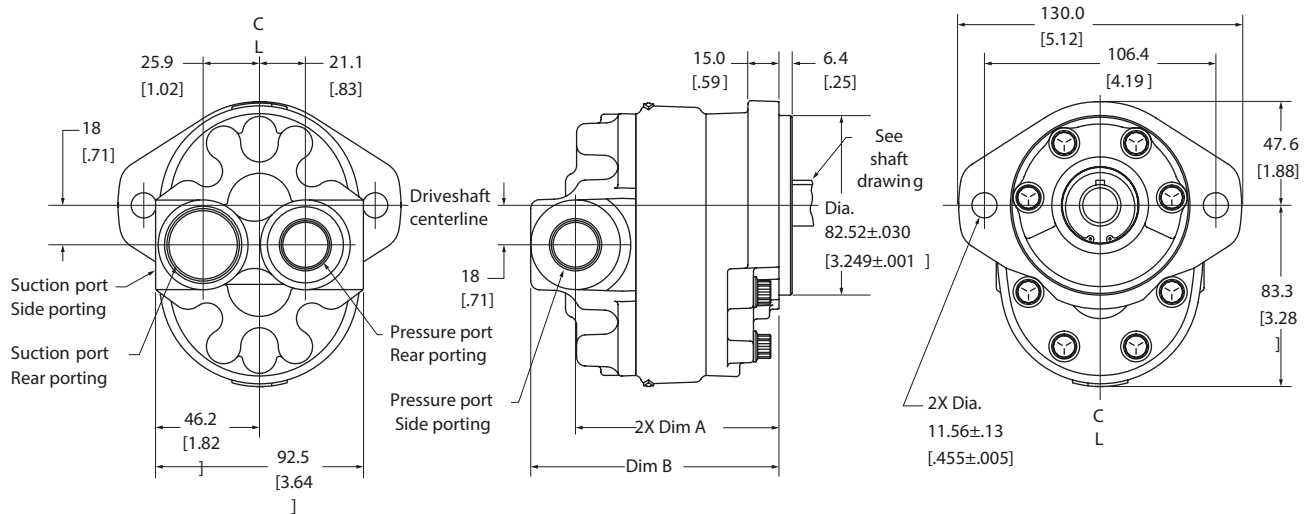
Series 26 pump Performance data charts



Series 26 pump Standard catalog assemblies - dimensions

*Multiple pump input torque limitations:

The total torque for multiple pump displacements and pressure combinations cannot exceed the maximum input torque rating of the shaft. The proper formula is pressure times displacement divided by 6.28.

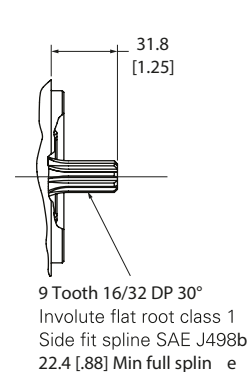


Left hand rotation shown

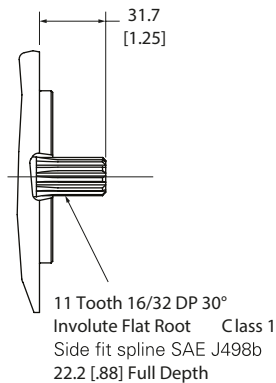
Model	26001	26002	26003	26004	26005	26006	26007
Displacement (cm ³ /r [in ³ /r])	6.6 [.40]	8.2 [.50]	9.5 [.58]	10.8 [.66]	13.8 [.84]	16.7 [1.02]	19.7 [1.20]
Dimension A (mm [in])	72.6 [2.86]	74.3 [2.93]	75.9 [2.99]	77.5 [3.05]	80.7 [3.18]	83.9 [3.30]	87.1 [3.43]
Dimension B (mm [in])	93.2 [3.67]	94.9 [3.74]	96.5 [3.80]	98.1 [3.86]	101.3 [3.99]	104.5 [4.11]	107.7 [4.24]

Model	26008	26009	26010	26011	26012	26013
Displacement (cm ³ /r [in ³ /r])	22.5 [1.37]	24.3 [1.48]	25.2 [1.54]	27.7 [1.69]	29.0 [1.77]	30.6 [1.87]
Dimension A (mm [in])	90.3 [3.56]	92.7 [3.65]	93.5 [3.68]	96.7 [3.81]	98.6 [3.88]	99.9 [3.93]
Dimension B (mm [in])	110.9 [4.37]	113.3 [4.46]	114.1 [4.49]	117.3 [4.62]	119.1 [4.69]	120.5 [4.74]

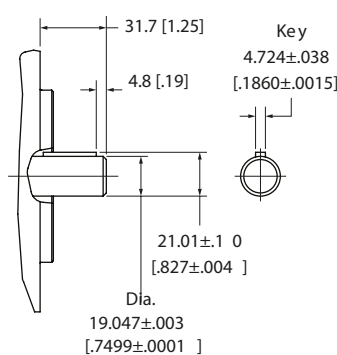
5/8 Inch 9 tooth spline
maximum input torque 62
nm [550 lb-in]



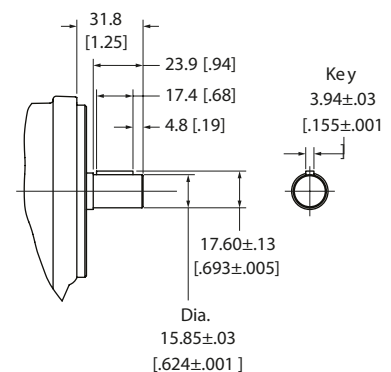
3/4 Inch 11 tooth spline
maximum input torque 119
nm [1050 lb-in]



3/4 Inch straight key
maximum input torque 113
nm [1000 lb-in]



5/8 Inch straight key
maximum input torque 56
nm [500 lb-in]



All dimensions are in mm

Series 26 pump Order numbers

Right hand rotation product no	Left hand rotation product no	Shaft	Port location	SAE O-ring pressure port size	SAE O-ring suction port size	Replaces
Model 26001 – 6,6 cm ³ /r [.40 in ³ /r] displacement						
26001-RZG	26001-LZG	5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24300-RZA/LZA
26001-RZH	26001-LZH	5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24300-RZC/LZD
26001-RZJ	26001-LZJ	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24300-RZB/LZA
26001-RZK	26001-LZK	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24300-RZD/LZE
Model 26002 – 8,2 cm ³ /r [.50 in ³ /r] displacement						
26002-RZA	26002-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	1-5/16-12 UN-2B
26002-RZB	26002-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	1-5/16-12 UN-2B
26002-RZC	26002-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	1-5/16-12 UN-2B
26002-RZD	26002-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	1-5/16-12 UN-2B
26002-RZE	26002-LZE	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	1-5/16-12 UN-2B
26002-RZF	26002-LZF	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	1-5/16-12 UN-2B
26002-RZG	26002-LZG	5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	1-1/16-12 UN-2B
26002-RZH	26002-LZH	5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	1-1/16-12 UN-2B
26002-RZJ	26002-LZJ	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	1-1/16-12 UN-2B
26002-RZK	26002-LZK	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	1-1/16-12 UN-2B
Model 26003 – 9,5 cm ³ /r [.58 in ³ /r] displacement						
26003-RZG	26003-LZG	5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24302-RZB/LZB
26003-RZH	26003-LZH	5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24302-RZC/LZD
26003-RZJ	26003-LZJ	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24302-RZA/LZA
26003-RZK	26003-LZK	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24302-RZD/LZE
Model 26004 – 10,8 cm ³ /r [.66 in ³ /r] displacement						
26004-RZA	26004-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25301-RSA/LSA
26004-RZB	26004-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25301-RSB/LSB
26004-RZC	26004-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25301-RSC/LSC
26004-RZD	26004-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25301-RSD/LSD
26004-RZE	26004-LZE	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25301-RSE/LSE
26004-RZF	26004-LZF	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25301-RSF/LSF
26004-RZG	26004-LZG	5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24303-RZB/LZB
26004-RZH	26004-LZH	5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24303-RZE/LZF
26004-RZJ	26004-LZJ	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24303-RZD/LZA
26004-RZK	26004-LZK	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24303-RZF/LZG
Model 26005 – 13,8 cm ³ /r [.84 in ³ /r] displacement						
26005-RZA	26005-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25302-RSA/LSA
26005-RZB	26005-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25302-RSB/LSB
26005-RZC	26005-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25302-RSC/LSC
26005-RZD	26005-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25302-RSD/LSD
26005-RZE	26005-LZE	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25302-RSE/LSE
26005-RZF	26005-LZF	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25302-RSF/LSF
26005-RZG	26005-LZG	5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24304-RZC/LZA
26005-RZH	26005-LZH	5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24304-RZG/LZF
26005-RZJ	26005-LZJ	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24304-RZD/LZB
26005-RZK	26005-LZK	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24304-RZH/LZG

26005-RZK has a maximum allowable input torque of 58 Nm [50 lb-in]. *Rear 5/8 Keyed shaft has a maximum allowable input torque of 56 Nm [500 lb-in].

Series 26 pump Order numbers

Right hand rotation product no	Left hand rotation product no	Shaft	Port location	SAE O-ring pressure port size	SAE O-ring suction port size	Replaces
Model 26006 – 16,7 cm ³ /r [1.02 in ³ /r] displacement						
26006-RZA	26006-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25303-RSA/LSA
26006-RZB	26006-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25303-RSB/LSB
26006-RZC	26006-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25303-RSC/LSC
26006-RZD	26006-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25303-RSD/LSD
26006-RZE	26006-LZE	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25303-RSE/LSE
26006-RZF	26006-LZF	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25303-RSF/LSF
26006-RZG	26006-LZG	5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24305-RZC/LZA
26006-RZH	26006-LZH	5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24305-RZG/LZF
26006-RZJ	26006-LZJ	5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24305-RZD/LZB
26006-RZK	26006-LZK	5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24305-RZH/LZG
Model 26007 – 19,7 cm ³ /r [1.20 in ³ /r] Displacement						
26007-RZA	26007-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25304-RSA/LSA
26007-RZB	26007-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25304-RSB/LSB
26007-RZC	26007-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25304-RSC/LSC
26007-RZD	26007-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25304-RSD/LSD
26007-RZE	26007-LZE	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25304-RSE/LSE
26007-RZF	26007-LZF	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25304-RSF/LSF
26007-RZG	26007-LZG	**5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24306-RZA/LZA
26007-RZH	26007-LZH	**5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24306-RZE/LZF
26007-RZJ	26007-LZJ	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24306-RZD/LZB
26007-RZK	26007-LZK	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24306-RZF/LZG
Model 26008 – 22,5 cm ³ /r [1.37 in ³ /r] Displacement						
26008-RZA	26008-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25305-RSA/LSA
26008-RZB	26008-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25305-RSB/LSB
26008-RZC	26008-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25305-RSC/LSC
26008-RZD	26008-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25305-RSD/LSD
26008-RZE	26008-LZE	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25305-RSE/LSE
26008-RZF	26008-LZF	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25305-RSF/LSF
Model 26009 – 24,3 cm ³ /r [1.48 in ³ /r] Displacement						
26009-RZG	26009-LZG	**5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24307-RZC/LZA
26009-RZH	26009-LZH	**5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24307-RZG/LZF
26009-RZJ	26009-LZJ	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24307-RZD/LZB
26009-RZK	26009-LZK	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24307-RZH/LZG
Model 26010 – 25,2 cm ³ /r [1.54 in ³ /r] Displacement						
26010-RZA	26010-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25306-RSA/LSA
26010-RZB	26010-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25306-RSB/LSB
26010-RZC	26010-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25306-RSC/LSC
26010-RZD	26010-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25306-RSD/LSD
26010-RZE	26010-LZE	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25306-RSE/LSE
26010-RZF	26010-LZF	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25306-RSF/LSF

* 5/8 9T Spline has a maximum allowable input torque of 62 Nm [550 lb-in]. **
5/8 Keyed shaft has a maximum allowable input torque of 56 Nm [500 lb-in].

Series 26 pump

Order numbers

Right hand rotation product	Left hand rotation product no	Shaft	Port location	SAE O-ring pressure port size	SAE O-ring suction port size	Replaces
Model 26011 – 27,7 cm ³ /r [1.69 in ³ /r] Displacement						
26011-RZA	26011-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25307-RSA/LSA
26011-RZB	26011-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25307-RSB/LSB
26011-RZC	26011-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25307-RSC/LSC
26011-RZD	26011-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25307-RSD/LSD
26011-RZE	26011-LZE	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25307-RSE/LSE
26011-RZF	26011-LZF	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25307-RSF/LSF
Model 26012 – 29,0 cm ³ /r [1.77 in ³ /r] Displacement						
26012-RZG	26012-LZG	**5/8 Keyed	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24308-RZA/LZA
26012-RZH	26012-LZH	**5/8 Keyed	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24308-RZE/LZF
26012-RZJ	26012-LZJ	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-1/16-12 UN-2B	24308-RZD/LZB
26012-RZK	26012-LZK	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-1/16-12 UN-2B	24308-RZF/LZG
Model 26013 – 30,6 cm ³ /r [1.87 in ³ /r] Displacement						
26013-RZA	26013-LZA	3/4 11T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25308-RZA/LZA
26013-RZB	26013-LZB	3/4 11T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25308-RZB/LZB
26013-RZC	26013-LZC	3/4 Keyed	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25308-RZC/LZC
26013-RZD	26013-LZD	3/4 Keyed	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25308-RZD/LZD
26013-RZE	26013-LZE	*5/8 9 T Spline	Side	7/8-14 UNF-2B	1-5/16-12 UN-2B	25308-RZE/LZE
26013-RZF	26013-LZF	*5/8 9 T Spline	Rear	7/8-14 UNF-2B	1-5/16-12 UN-2B	25308-RZF/LZF

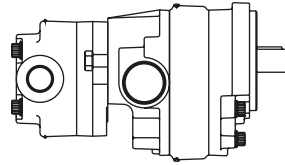
* 5/8 9T Spline has a maximum allowable input torque of 62 Nm [550 lb-in]. ** 5/8 Keyed shaft has a maximum allowable input torque of 56 Nm [500 lb-in].

Series 26 pump Optional configurations

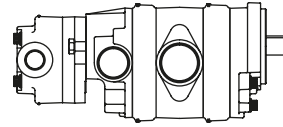
The series 26 gear pump components can be assembled into many optional configurations. The versatile design allows you to assemble a pump to meet your specific needs.

Model codes for single and multiple pumps along with the component part dimension drawings are given on the following pages.

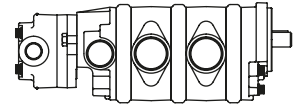
Single gear pump with tandem backplate



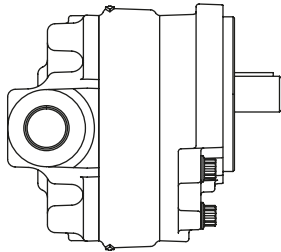
Double gear pump with tandem backplate



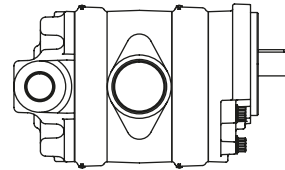
Triple gear pump with two suction ports and tandem backplate



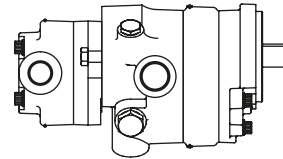
Single gear pump



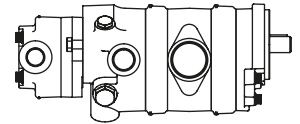
Double gear pump with common suction port



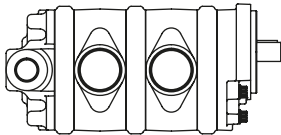
Single gear pump w/
tandem flow divider
backplate



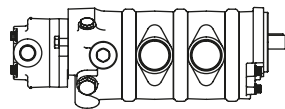
Double gear pump with
tandem flow divider
backplate



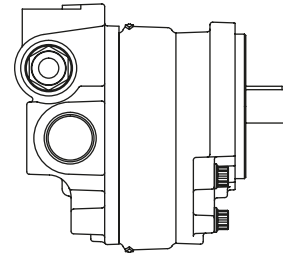
Triple gear pump with two
suction ports



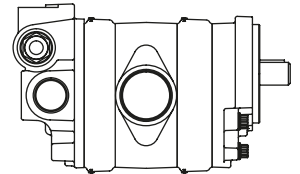
Triple gear pump with two
suction ports and tandem
flow divider backplate



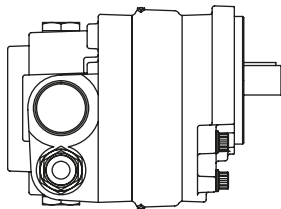
Single gear pump with
relief valve



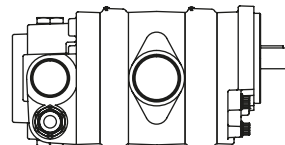
Double gear pump with
relief valve



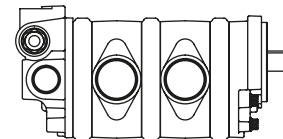
Single gear pump with flow
divider and relief valve



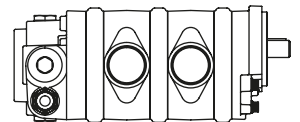
Double gear pump with
flow divider and relief valve



Triple gear pump with two
suction ports and relief
valve



Triple gear pump with two
suction ports, flow divider
and relief valve



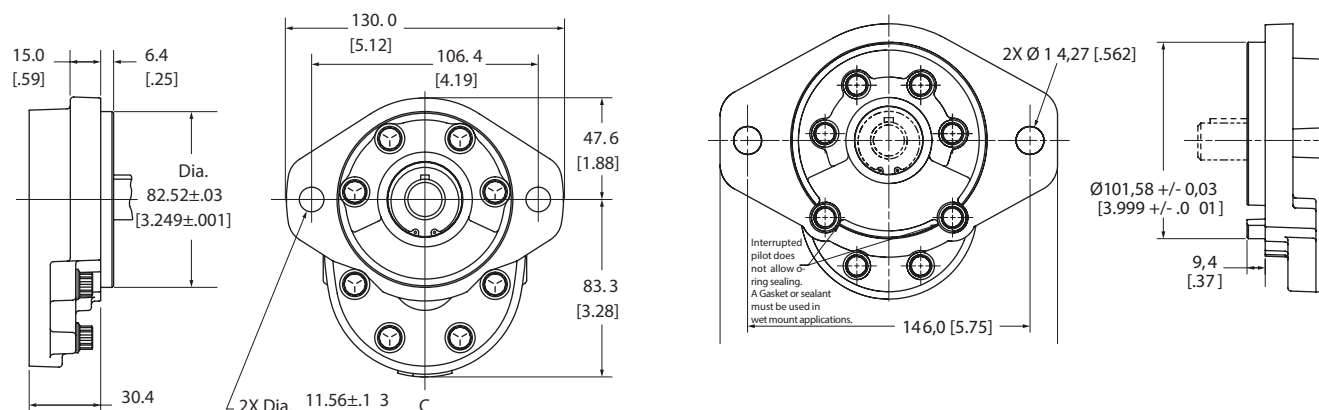
Series 26 pump

Component parts - dimensions

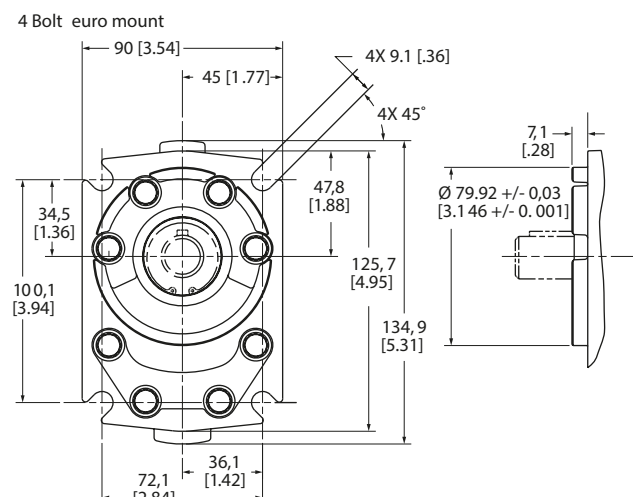
Front plate

SAE A 2 bolt flange used on all standard catalog assemblies

"B" Mount



4 Bolt euro mount



Body

Used on single and multiple pumps



Model	26001	26002	26003	26004	26005	26006	26007
Displacement (cm ³ /r [in ³ /r])	6.6 [.40]	8.2 [.50]	9.5 [.58]	10.8 [.66]	13.8 [.84]	16.7 [1.02]	19.7 [1.20]
Dimension A (mm [in])	14.4 [.57]	16.3 [.64]	17.7 [.70]	19.5 [.77]	22.7 [.89]	25.9 [1.02]	29.1 [1.15]

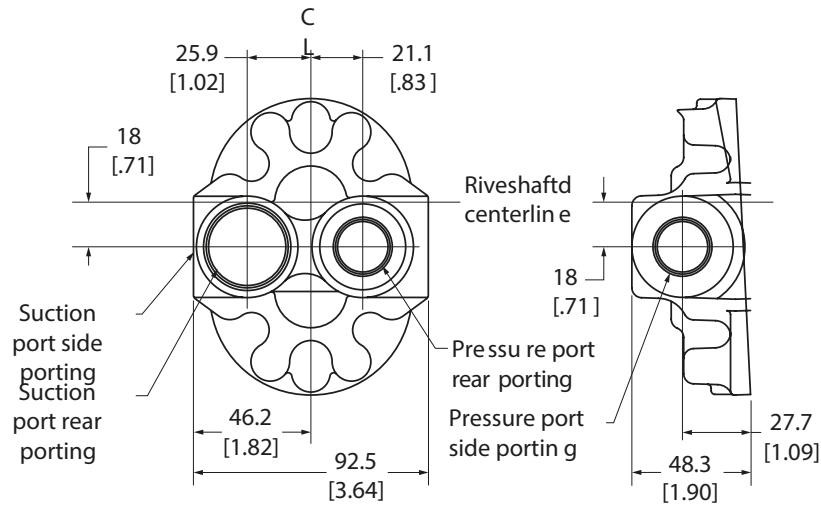
Model	26008	26009	26010	26011	26012	26013
Displacement (cm ³ /r [in ³ /r])	22.5 [1.37]	24.3 [1.48]	25.2 [1.54]	27.7 [1.69]	29.0 [1.77]	30.6 [1.87]
Dimension A (mm [in])	32.3 [1.27]	34.7 [1.36]	35.5 [1.40]	38.7 [1.52]	40.3 [1.59]	41.9 [1.65]

All dimensions are in mm [in].

Series 26 pump Component parts - dimensions

Backplate

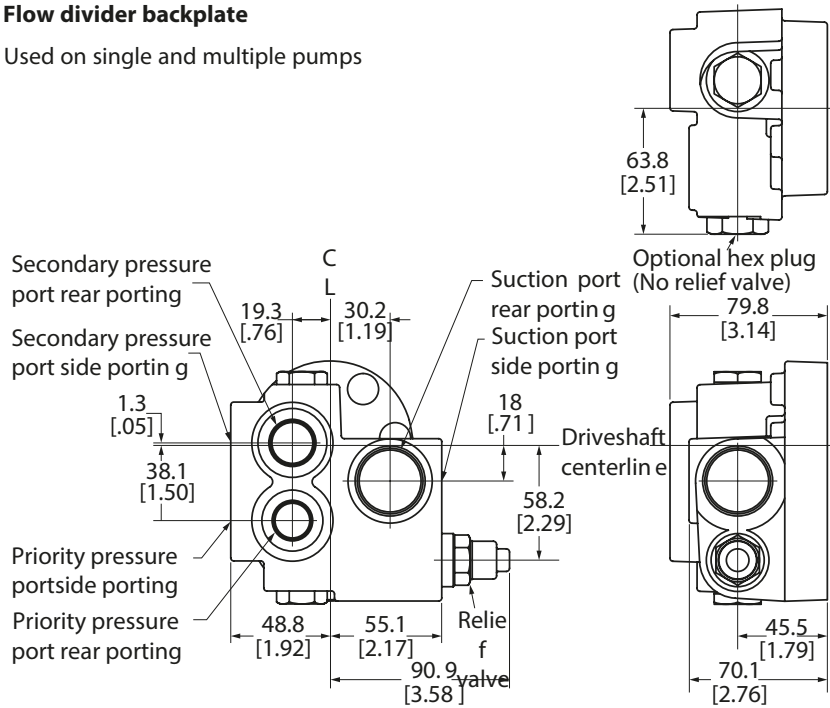
Used on single and multiple pumps



Left hand rotation shown

Flow divider backplate

Used on single and multiple pumps



Right hand rotation shown

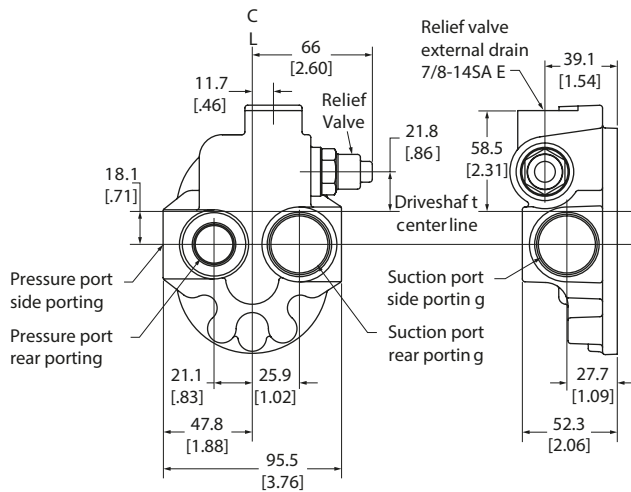
Right hand rotation shown

All dimensions are in mm [in].

Series 26 pump Component parts - dimensions

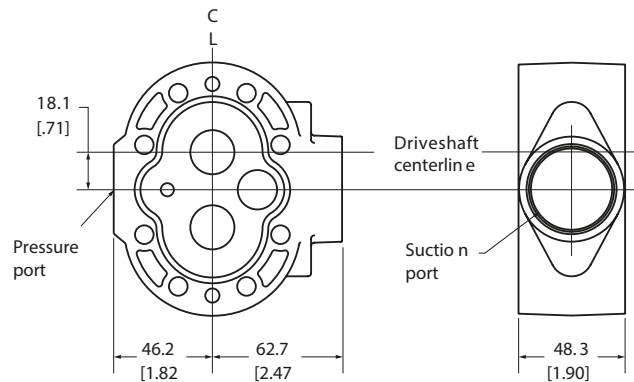
Relief valve backplate

Used on single and multiple pumps - right hand rotation shown



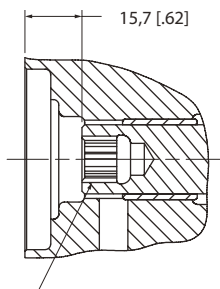
Adaptor plate

Used on multiple pumps - right hand rotation shown



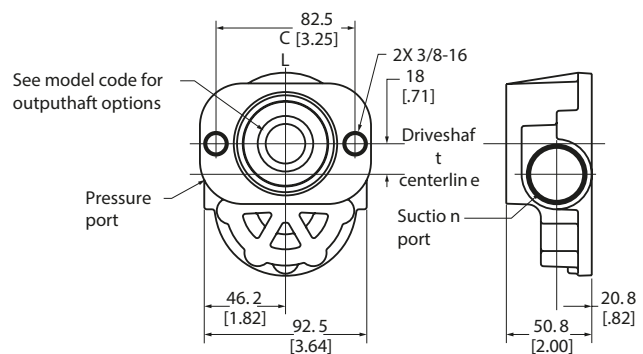
Tandem backplate

Used on single and multiple pumps SAE AA 2 bolt flange



9 tooth 20/40 DP 30°
invlt flat rootclass I
side fit spline SAE J498b
9,7 [0.38] min. full spline

Max torque rating: 29.5 Nm [261 lbf·in]



Right hand rotation shown

All dimensions are in mm [in].

Series 26 pump Model code single

Series 26 gear pumps can be ordered by using the following model code.

A twenty-four digit coding system has been designed to identify the features presently available on single gear pumps. The characters and their relative positions within the code identify specific features.

Use the model code matrix as an aid when assembling the model code for the pump with the features you desire. It may be helpful to photocopy the matrix and write the numbers and letters into the boxes as you select features.

All twenty-four digits of the code must be submitted when ordering.

ACN			*	*	**		**		A	0	00		00		00		0	00		00		0	A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

1	2	3	26 Series	
ACN			Gear pump - single unit	
4	Unit type			
A			Plain	
B			Flow divider with/without relief valve (pos. 14-15)	
C			Relief valve (pos.16-17)	
5	Input rotation (viewed from input shaft end)			
L			Left-hand rotation CCW	
R			Right-hand rotation CW	
6	7	Displacement (cm ³ /r [in ³ /r])		
1		6.6 [.40]		
2		8.2 [.50]		
3		9.5 [.58]		
4		10.8 [.66]		
5		13.8 [.84]		
6		16.7 [1.02]		
7		19.7 [1.20]		
8		22.5 [1.37]		
9		24.3 [1.48]		
10		25.2 [1.54]		
11		27.7 [1.69]		
12		29.0 [1.77]		
13		30.6 [1.87]		
8	9	Input shaft		
AA		5/8 Inch dia . 9 Tooth spline 16/32 pitch shaft extension 31 .8 [1.25]		
AB		3/4 Inch dia . 11 Tooth spline 16/32 pitch shaft extension 31 .8 [1.25]		
AC		3/4 Inch dia . Straight keyed, keyway 4 .8 X 25.4 [.19 X 1.00] Shaft extension 31 .8 [1.25]		
AD		5/8 Inch dia . Straight keyed, keyway 4 .1 X 18.3 [.16 X .72] Shaft extension 31 .8 [1.25]		

10

Mounting features

A

SAE 2-bolt a flange, series 82-2

B

SAE 2-bolt A flange with thru drain

C

SAE 2-bolt b flange, series 101-2

D

European 4-bolt

11

Auxiliary mounting features

0

No rear mounting

C

(2-Bolt AA) SAE flange series 50-2, with 9 tooth internal spline 20/40 pitch, accepts 25.4 [1.00] Shaft extension

12

13

Ports, sizes and location- backplate

1

Plain: suction port 1 .3125-12 UN-2B SAE O-ring port; pressure port .875-14 UNF-2B SAE O-ring port - side sports

2

Plain: suction port 1 .3125-12 UN-2B SAE O-ring port; pressure port .875-14 UNF-2B SAE O-ring port - rear ports

3

Plain: suction port 1 .0625-12 UN-2B SAE O-ring port; pressure port .875-14 UNF-2B SAE O-ring port accepts fittings per SAE J1926 - side ports

4

Plain: suction port 1 .0625-12 UN-2B SAE O-ring port; pressure port .875-14 UNF-2B SAE O-ring port accepts fittings per SAE J1926 -rear ports

08

Plain thru shaft: suction port 1 .0625-12 UN-2B SAE Oring port; pressure port.875- 14 UNF-2B SAE O-ring port - side ports

15

Relief valve: suction port 1 .0625-12 UN-2B SAE O-ring port; pressure port .875-14 UNF-2B SAE O-ring port - side ports; drain port .875-14 UNF- 2B SAE O-ring port

16

Relief valve: suction port 1 .0625-12 UN-2B SAE O-ring port; pressure port .875-14 UNF-2B SAE O-ring port - rear ports; drain port .875-14 UNF- 2B SAE O-ring port

20

Flow divider: suction port 1 .3125-12 UN-2B SAE O-ring port; priority pressure port .750-16 UNF-2B SAE Oring port; secondary pressure port .875-14 UNF-2B SAE Oring Port - Side Ports

All dimensions are in inches.

Series 26 pump
Model code single

ACN			*	*	**		**		A	0	00		00		00		0	00		00		0	A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

21 Flow Divider: Suction Port 1.3125-12 UN-2B SAE O-ring Port; Priority Pressure Port .750-16 UNF-2B SAE Oring Port; Secondary Pressure Port .875-14 UNF-2B SAE Oring Port - Rear Ports

14 15

Priority flow divider setting (LPM [GPM])

00	No Flow Setting
AA	3.8 [1.00]
AD	7.6 [2.00]
AJ	11.4 [3.00]
AL	15.1 [4.00]
AN	18.9 [5.00]
AR	22.7 [6.00]
AS	26.5 [7.00]
AT	30.3 [8.00]

16 17

Relief valve full flow setting (bar [PSI])

00	No Relief Valve Setting
AA	34.5 [500]
AB	51.7 [750]
AC	68.9 [1000]
AE	86.2 [1250]
AF	103.4 [1500]
AJ	120.7 [1750]
AL	137.9 [2000]
AN	155.1 [2250]
AP	172.4 [2500]
AR	189.6 [2750]
AS	206.8 [3000]
BR	241.3 [3500]
BT	224.1 [3250]

18

Test Data

0	Generic
A	A - Unit Specific (required for flow divider and relief valve options .)

19 20

Special features

00	No Special Features
AB	Viton Shaft Seal

21 22

Paint

00	None
0A	Red Primer
0B	Black

23

Identification

0	Standard
---	----------

24

Design code

A	A
---	---

All dimensions are in inches.

Series 26 pump Model code multiple

Series 26 Gear Pumps can be ordered by using the following Model Code.

A thirty-two digit coding system has been designed to identify the features presently available on Multiple gear

pumps. The characters and their relative positions within the code identify specific features. Use the Model Code Matrix as an aid when assembling the model code for the pump with the features you desire. It may be helpful

to photocopy the matrix and write the numbers and letters into the boxes as you select features.

All thirty-two digits of the code must be submitted when ordering.

ACM			*	*	**		**		**		**		**		**		00		00		A	0	0	00		00		0	B		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

1	2	3	26 Series
			ACM Gear Pump - Multiple Unit
4			Unit type
			A Plain
			B Flow Divider with/without Relief Valve (Pos. 20-21)
			C Relief Valve
5			Input rotation (viewed from input shaft end)
			L Left-hand Rotation CCW
			R Right-hand Rotation CW
6	7		Displacement - front (cm³/r [in³/r])
			1 6.6 [.40]
			2 8.2 [.50]
			3 9.5 [.58]
			4 10.8 [.66]
			5 13.8 [.84]
			6 16.7 [1.02]
			7 19.7 [1.20]
			8 22.5 [1.37]
			9 24.3 [1.48]
			10 25.2 [1.54]
			11 27.7 [1.69]
			12 29.0 [1.77]
			13 30.6 [1.87]
8	9		Displacement - Ctr. triple only (cm³/r [in³/r])
			1 6.6 [.40]
			2 8.2 [.50]
			3 9.5 [.58]
			4 10.8 [.66]
			5 13.8 [.84]
			6 16.7 [1.02]
			7 19.7 [1.20]
			8 22.5 [1.37]
			9 24.3 [1.48]
			10 25.2 [1.54]
			11 27.7 [1.69]
			12 29.0 [1.77]
			13 30.6 [1.87]
			99 No Center Displacement

10	11	Displacement - front (cm³/r [in³/r])
		1 6.6 [.40]
		2 8.2 [.50]
		3 9.5 [.58]
		4 10.8 [.66]
		5 13.8 [.84]
		6 16.7 [1.02]
		7 19.7 [1.20]
		8 22.5 [1.37]
		9 24.3 [1.48]
		10 25.2 [1.54]
		11 27.7 [1.69]
		12 29.0 [1.77]
		13 30.6 [1.87]
12	13	Input shaft
		AA 5/8 Inch Dia . 9 Tooth Spline 16/32 Pitch Shaft Extension 31 .8 [1.25]
		AB 3/4 Inch Dia . 11 Tooth Spline 16/32 Pitch Shaft Extension 31 .8 [1.25]
		AC 3/4 Inch Dia . Straight Keyed, Keyway 4 .8 x 25.4 [.19 x 1 .00] Shaft Extension 31 .8 [1.25]
		AD 5/8 Inch Dia . Straight Keyed, Keyway 4 .1 X 18.3 [.16 X .72] Shaft Extension 31 .8 [1.25]
14	15	Front adapter ports
		01 Suction Port 1-5/8-12 UN-2B SAE O-ring Port; Pressure Port 7/8-14 UNF-2B SAE O- ring Port
		05 Suction Port 1-5/16-12 UN-2B SAE O-ring Port; Pressure Port 7/8-14 UNF-2B SAE O- ring Port
16	17	Ports - rear adapter (triple units)
		0 No Rear Adaptor
		1 Suction Port 1-5/8-12 UN-2B SAE O-ring Port; Pressure Port 7/8-14 UNF-2B SAE O-ring Port
		05 05 = Suction Port 1-5/16-12 UN-2B SAE O-ring Port; Pressure Port 7/8-14 UNF-2B SAE O-ring Port

All dimensions are in inches .

Series 26 pump

Model code multiple

ACM			*	*	**		**		**		**		**		**		00		00		A	0	0	00		00		0	B		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

18 19

Ports, sizes and location- backplate

- 1** Plain: Suction Port 1-5/16-12 UN-2B SAE O-ring Port Size; Pressure Port 7/8-14 UNF-2B SAE O-ring Port-Side Ports
- 2** Plain: Suction Port 1-5/16-12 UN-2B SAE O-ring Port Size; Pressure Port 7/8-14 UNF-2B SAE O-ring Port-Rear Ports
- 3** Plain: Suction Port 1-1/16-12 UN-2B SAE O-ring Port Size; Pressure Port 7/8-14 UNF-2B SAE O-ring Port-Side Ports
- 4** Plain: Suction Port 1-1/16-12 UN-2B SAE O-ring Port Size; Pressure Port 7/8-14 UNF-2B SAE O-ring Port-Rear Ports
- 08** Plain Tandem: Suction Port 1 .0625-12 UN-2B SAE O-ring Port; Pressure Port .875- 14 UNF-2B SAE O-ring Port - Side Ports
- 14** Plain: Suction Port 1-5/16-12 UN-2B SAE O-ring Port Size-(Plugged); Pressure Port 7/8-14 UNF-2B SAE O-ring Port-Side Ports, used with position 14 and 15-01 and 16 and 17-10
- 17** Plain: Suction Port 1-5/16-12 UN-2B SAE O-ring Port Size-(Plugged); Pressure Port 7/8-14 UNF-2B SAE O-ring Port-Rear Ports, used with position 14 and 15-01 and 16 and 17-01
- 18** Plain Tandem: Suction Port 1 .0625-12 UN-2B SAE O-ring Port (Plugged); Pressure Port .875-14 UNF-2B SAE O-ring Port - Side Ports
- 19** Plain: Suction Port 1 .3125-12 UN-2B SAE O-ring Port (Plugged); Pressure Port 1.0625-12 UN-2B SAE O-ring Port - Side Ports
- 20** Relief Valve: Suction Port 1 .0625-12 UN-2B SAE O-ring Port; Pressure Port .875-14 UNF-2B SAE O-ring Port - SIDE Ports; DRAIN Port .875- 14 UNF-2B SAE O-ring Port
- 21** Relief Valve: Suction Port 1 .0625-12 UN-2B SAE O-ring Port; Pressure Port .875-14 UNF-2B SAE O-ring Port - Rear Ports; DRAIN Port .875-14 UNF-2B SAE O-ring Port - TOP Port

- 27** Flow Divider: Suction Port 1.3125-12 UN-2B SAE O-ring Port; Priority Pressure Port .750-16 UNF-2B SAE O-ring Port; Secondary Pressure Port .875-14 UNF-2B SAE O-ring Port - SIDE Ports
- 28** Flow Divider: Suction Port 1.3125-12 UN-2B SAE O-ring Port; Priority Pressure Port .750-16 UNF-2B SAE O-ring Port; Secondary Pressure Port .875-14 UNF-2B SAE O-ring Port - Rear Ports
- 29** Flow Divider: Suction Port 1 .0625-12 UN-2B SAE O-ring Port; Priority Pressure Port .5625-18 UNF-2B SAE O-ring Port; Secondary Pressure Port .875-14 UNF-2B SAE O-ring Port - SIDE Ports

Consult your Danfoss representative when requiring common inlet option.

20 21

Priority flow divider setting (LPM [GPM])

- 00** No Flow Setting
- AA** 3.8 [1.00]
- AD** 7.6 [2.00]
- AJ** 11.4 [3.00]
- AL** 15.1 [4.00]
- AN** 18.9 [5.00]
- AR** 22.7 [6.00]
- AS** 26.5 [7.00]
- AT** 30.3 [8.00]

22 23

Relief valve full flow setting (bar [PSI])

- 00** No Relief Valve Setting
- AA** 34.5 [500]
- AB** 51.7 [750]
- AC** 68.9 [1000]
- AE** 86.2 [1250]
- AF** 103.4 [1500]
- AJ** 120.7 [1750]
- AL** 137.9 [2000]
- AN** 155.1 [2250]
- AP** 172.4 [2500]
- AR** 189.6 [2750]
- AS** 206.8 [3000]

All dimensions are in inches.

Series 26 pump
Model code multiple

ACM			*	*	**		**		**		**		**		**		**		00	00	A	0	0	00		00		0	B		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

24	Mounting features (front)	
A	(2-Bolt A) SAE Flange, Series 82-3	
C	(2-Bolt B) SAE Flange Series 82 .3	
G	(4-Bolt) European	

25	Auxiliary mounting features	
0	No Rear Mounting	
C	(2-Bolt AA) SAE Flange Series 50-2, with 9 Tooth Internal Spline 20/40 Pitch, Accepts 25.4 [1.00] Shaft Extension	

26	Test data	
0	Generic	
A	Unit Specific (required for flow divider and relief valve options.)	

27	28	Special features
00	No Special Features	
AB	Viton Shaft Seal	

29	30	Paint
00	None	
0A	Red Primer	
0B	Black	

31	Identification	
0	Standard	

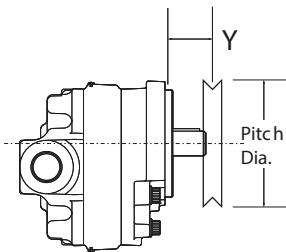
32	Design code	
B	B	

All dimensions are in inches.

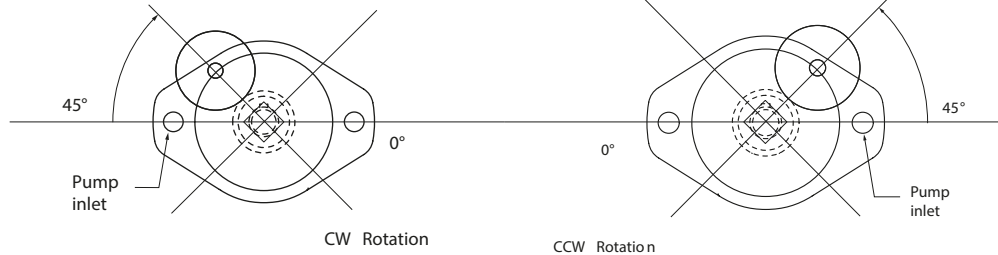
Series 26 pump Side-load applications

Maximum allowable operating pressures

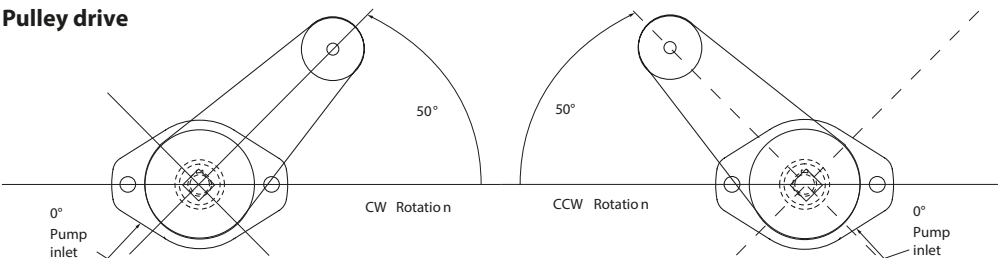
Ideal positions shown. Side load is acceptable within 90° of either side of the ideal position. Charts are based on 100% slack side tension. Max. speed per catalog. Max. operating pressure shown.



Gear drive



Pulley drive



0.40/0.50 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	3000	3000	3000	3000	3000	3000
1.5"	3000	3000	3000	3000	3000	3000
1.0"	3000	3000	3000	3000	3000	3000
0.5"	3000	3000	3000	3000	3000	3000
0"	3000	3000	3000	3000	3000	3000

0.58/0.66 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	2250	3000	3000	3000	3000	3000
1.5"	2250	3000	3000	3000	3000	3000
1.0"	2500	3000	3000	3000	3000	3000
0.5"	2500	3000	3000	3000	3000	3000
0"	2750	3000	3000	3000	3000	3000

.84 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	1750	2500	3000	3000	3000	3000
1.5"	1750	2750	3000	3000	3000	3000
1.0"	2000	2750	3000	3000	3000	3000
0.5"	2000	3000	3000	3000	3000	3000
0"	2250	3000	3000	3000	3000	3000

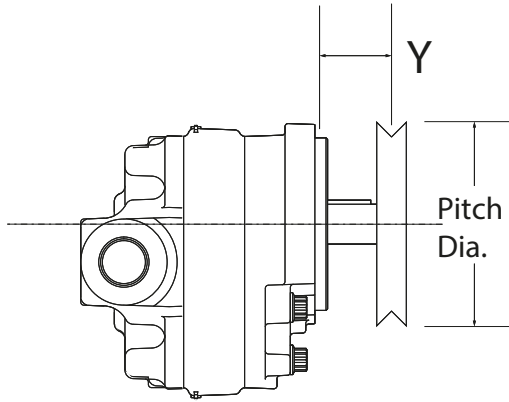
1.02 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	1250	2000	2250	2500	2750	3000
1.5"	1250	2000	2500	2750	3000	3000
1.0"	1250	2000	2500	2750	3000	3000
0.5"	1500	2250	2500	2750	3000	3000
0"	1500	2250	2750	3000	3000	3000

Series 26 pump Side-load applications

Maximum allowable operating pressures

Ideal positions shown. Side load is acceptable within 90° of either side of the ideal position. Charts are based on 100% slack side tension. Max. speed per catalog. Max. operating pressure shown.



1.20 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	N/R	1500	2000	2250	2250	2500
1.5"	N/R	1500	2000	2250	2500	2500
1.0"	N/R	1750	2000	2250	2500	2500
0.5"	1250	1750	2250	2250	2500	2750
0"	1250	1750	2250	2500	2750	3000

1.69 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	N/R	N/R	1250	1500	1500	1750
1.5"	N/R	N/R	1250	1500	1500	1750
1.0"	N/R	N/R	1250	1500	1750	1750
0.5"	N/R	1250	1250	1500	1750	1750
0"	N/R	1250	1500	1750	1750	2000

1.37 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	N/R	1250	1750	2000	2000	2250
1.5"	N/R	1250	1750	2000	2000	2250
1.0"	N/R	1500	1750	2000	2250	2250
0.5"	N/R	1500	1750	2000	2250	2250
0"	N/R	1500	1750	2000	2250	2500

.148/1.54 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	N/R	N/R	1250	1500	1750	2000
1.5"	N/R	1250	1500	1750	1750	2000
1.0"	N/R	1250	1500	1750	2000	2000
0.5"	N/R	1250	1500	1750	2000	2000
0"	N/R	1500	1750	2000	2000	2250

1.77/1.87 CID

Pulley Ø	2	4	6	8	10	12
Gear pitch Ø	1	2	3	4	5	6
Y Dimension						
2.0"	N/R	N/R	N/R	1250	1500	1500
1.5"	N/R	N/R	1250	1250	1500	1500
1.0"	N/R	N/R	1250	1250	1500	1500
0.5"	N/R	N/R	1250	1500	1500	1750
0"	N/R	N/R	1250	1500	1750	1750

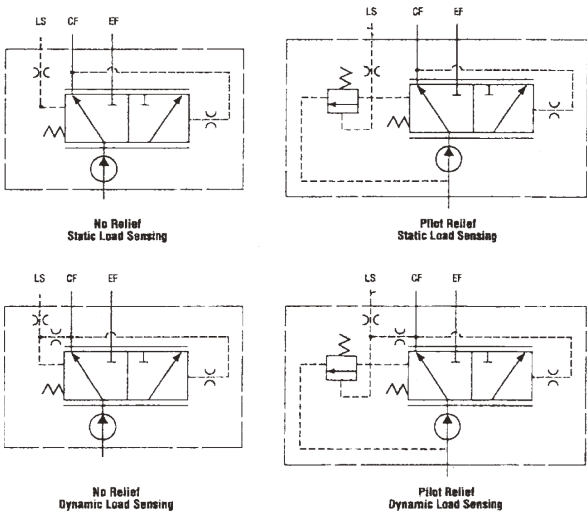
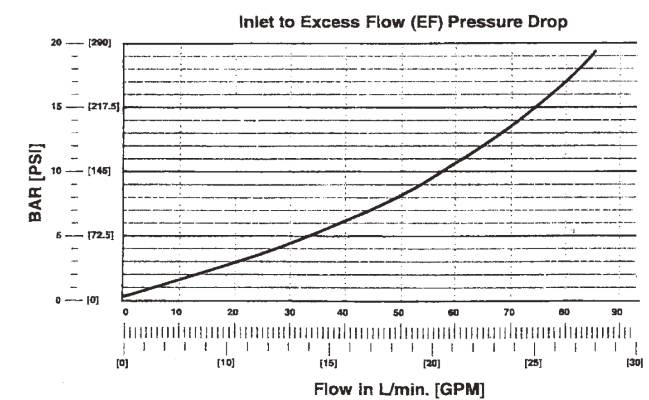
Series 26 pump Load sensing priority valve

The Load Sensing Priority Valve is used with the open loop load sense systems that are typically used in steering and braking circuits . The load sense gear pump provides metered priority flow (CF)on demand.

The excess flow (EF)is available for auxiliary circuits. The response time was selected to insure that the operator will not sense a delay or steering “kick”during transient conditions.

Valve specifications	
Rated Pressure	207 BAR (3000PSI)
Rated Inlet Flow	108 L/m (28GPM)
Maximum Controlled Flow (CF)	33 L/m(8.5 GPM)
Bias Pressure	Dynamic - 10 bar (150 PSI) Std. Static - 6.9 bar (100 PSI) Std.
Relief Pressure	34.5-207 bar (500-3000 PSI)
Response Time	70 msec. max. (std. bias spring)

Pump specifications	
Displacements	9 Available: 8.2cm ³ r [.50 in ³ /r] thru 30.6 cm ³ /r [1.87in ³ /r]
Mounting	SAE 2-Bolt A Mount SAE 2-Bolt B Mount 4-Bolt European Mount (80mm Pilot)



Series 26 motor General specifications

Rotation	Bi-Rotation
Mounting Flange	SAE A 2 Bolt
Max. Continuous Pressure†	210 bar [3000 PSI]*
Max. Intermittent Pressure††	240 bar [3500 PSI]**
Minimum Speed at Continuous Pressure	750 RPM
Maximum Rotating Torque at 0 Pressure	4 Nm [36 lb-in]
Maximum Continuous Operating Temperature	105°C [220°F]
Minimum Continuous Oil Viscosity	5.7 cSt [45 SUS]
Minimum Operating Temperature	-29°C [-20°F]
Maximum Inlet Vacuum at Operating Condition	0,8 bar Abs. [11.6 psi Abs.]
Maximum Thrust Load	50 lbs.
Maximum Seal Pressure	150 PSI, 200 PSI @ 1500 RPM

† Continuous - motor may be run continuously at these ratings.

†† Intermittent - intermittent operation, 10% of every minute.

* 31.8 cm³/rev . [1.94 in³/rev.] displacement max. continuous pressure is 190 bar [2750 PSI].

** 31.8 cm³/rev . [1.94 in³/rev.] displacement max. intermittent pressure is 224 bar [3250 PSI]. For side load limits consult your Danfoss representative.

	7,0 [.43]	8,8 [.54]	10,1 [.62]	11,6 [.71]	14,5 [.88]	17,3 [1.06]	20,3 [1.24]
Displacement cm ³ /r [in ³ /r]							
Max. Intermittent Pressure bar [PSI]	241 [3495]	241 [3495]	241 [3495]	241 [3495]	241 [3495]	241 [3495]	241 [3495]
Rated Speed (RPM)	3600	3600	3600	3600	3600	3200	3200
Minimum Output Flow at Continuous Rated Speed and Pressure LPM [GPM]	22,2 [5.9]	27,9 [7.4]	32,0 [8.5]	36,7 [9.7]	48,0 [12.7]	50,9 [13.5]	59,8 [15.8]

	23,1 [1.41]	25,2 [1.54]	26,0 [1.59]	28,8 [1.76]	30,3 [1.85]	31,7 [1.93]
Displacement cm ³ /r [in ³ /r]						
Max. Intermittent Pressure bar [PSI]	241 [3495]	241 [3495]	241 [3495]	241 [3495]	234 [3393]	224 [3248]
Rated Speed (RPM)	3000	3000	3000	3000	3000	3000
Minimum Output Flow at Continuous Rated Speed and Pressure LPM [GPM]	63,8 [16.8]	69,6 [18.4]	71,8 [19.0]	79,5 [21.0]	83,6 [22.1]	87,5 [23.1]

The performance data in the table above and the following graphs was collected using a mineral base oil with a viscosity of 133 SUS at 49°C [120°F].

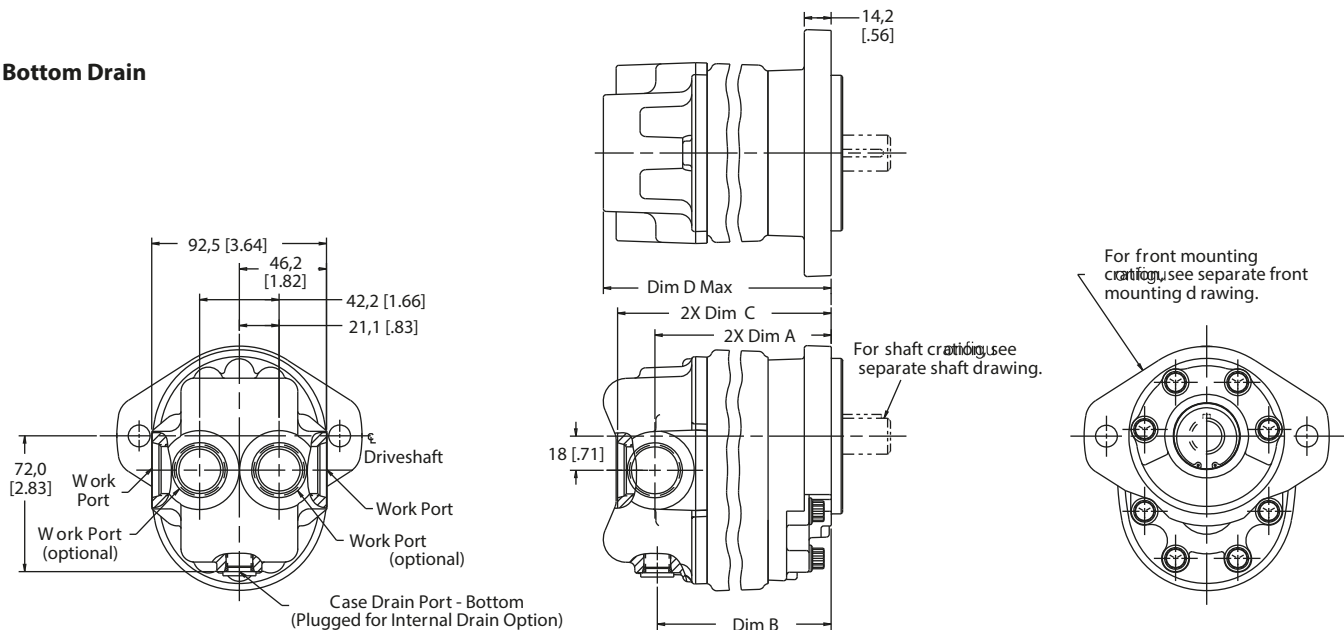
Ordering information

Catalog assemblies cross reference

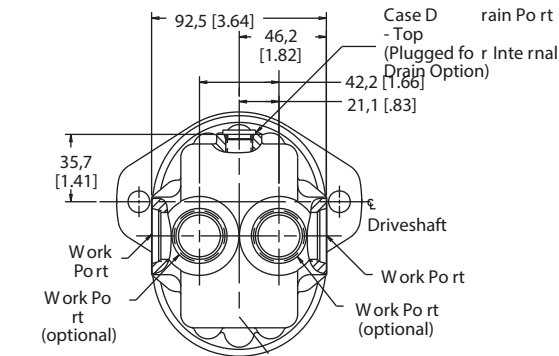
Standard catalog assemblies are built from high production parts and are the most economical pump assemblies available in this series. The standard assembly order number is a preassigned part number and may be used to order the specific standard assembly (see page 27).

Series 26 Motor Performance Data

Bottom Drain



Top Drain



Front mount: 2 bolt SAE A and B

Displacement	Dim A	Dim B	Dim C	Dim D
cm ³ /r [in ³ /r]	mm [in]	mm [in]	mm [in]	mm [in]
7.0 [.43]	69.2 [2.72]	67.9 [2.67]	89.0 [3.50]	96.6 [3.80]
8.8 [.54]	71.1 [2.80]	69.8 [2.75]	90.9 [3.58]	98.5 [3.88]
10.2 [.62]	72.6 [2.86]	71.3 [2.81]	92.4 [3.64]	100.0 [3.94]
11.6 [.71]	74.3 [2.93]	73.0 [2.88]	94.1 [3.71]	101.7 [4.01]
12.5 [.76]	75.2 [2.96]	74.0 [2.91]	95.1 [3.74]	102.7 [4.04]
14.6 [.89]	77.5 [3.05]	76.2 [3.00]	97.3 [3.83]	104.9 [4.13]
17.4 [1.06]	80.7 [3.18]	79.4 [3.13]	100.5 [3.96]	108.1 [4.26]
20.3 [1.24]	83.9 [3.30]	82.6 [3.25]	103.7 [4.08]	111.3 [4.38]
23.1 [1.41]	87.1 [3.43]	85.8 [3.38]	106.9 [4.21]	114.5 [4.51]
26.1 [1.59]	90.3 [3.56]	89.0 [3.51]	110.1 [4.34]	117.7 [4.64]
28.8 [1.76]	93.5 [3.68]	92.2 [3.63]	113.3 [4.46]	120.9 [4.76]
31.8 [1.94]	96.7 [3.81]	95.4 [3.76]	116.5 [4.59]	124.1 [4.89]

For front mounting configuration, see separate front mounting drawing.

Series 26 motor Model code - single

Series 26 Gear Pumps can be ordered by using the following Model Code.

A twenty-four digit coding system has been designed to identify the features presently available on Single gear pumps. The characters and their relative positions within the code identify specific features.

Use the Model Code Matrix as an aid when assembling the model code for the pump with the features you desire. It may be helpful to photocopy the matrix and write the numbers and letters into the boxes as you select features.

All twenty-four digits of the code must be submitted when ordering.

ADM			*	*	**		**		A	00		00		0	00		00		0	00		00		0	A
┌───┐			┌─┐	┌─┐	┌──┐		┌──┐		┌─┐	┌──┐		┌──┐		┌─┐	┌──┐		┌──┐		┌─┐	┌──┐		┌──┐		┌─┐	┌─┐
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		

1 2 3 26 Series

ADM Gear Motor

4 Unit type

A Plain

5 Output rotation

D Bi-Directional
L Left-hand Rotation CCW
R Right-hand Rotation CW

6 7 Displacement (cm³/r [in³/r])

1 7.0 [.43]
2 8.8 [.54]
3 10.2 [.62]
4 11.6 [.71]
5 14.6 [.89]
6 17.4 [1.06]
7 17.4 [1.06]
8 23.1 [1.41]
9 25.2 [1.54]
10 26.1 [1.59]
11 28.8 [1.76]
12 30.3 [1.85]
13 31.8 [1.94]

8 9 Output shaft

AA 9 Tooth Spline 16/32 Spline, Min . Full Spline 22.4 [.88], Shaft Extension 31 .8 [1.25]
AB 11 Tooth Spline 16/32 Spline, Min . Full Spline 22.4 [.88], Shaft Extension 31 .8 [1.25]
AC Straight Shaft Dia 19 .05 [.750], Keyway 4 .8 x 25 .4 [.19 x 1.00], Shaft Extension 31 .8 [1.25] (Key Included)
AD Straight Shaft Dia 15 .88 [.625], Keyway 4 .1 x 18 .3 [.16 x .72], Shaft Extension 31 .8 [1.25] (Key Included)
AJ Dia 15 .88 [.625], Taper .125:1, .500-20 UNF-2A, Keyway 4 .1 x 17 .5 [.16 x .69], Shaft Extension 43 .7 [1.72] (Key Included)

10 Mounting features

A 2-Bolt A - SAE Flange Series 82-2

11 12 Ports, sizes and location- backplate

1 Inlet Port 1 .0625-12 UN-2B SAE O-Ring Port; Outlet Port 1 .0625-12 UN-2B SAE O-Ring Port - Side Ports
2 Inlet Port 1 .0625-12 UN-2B SAE O-Ring Port; Outlet Port 1 .0625-12 UN-2B SAE O-Ring Port - Rear Ports
3 Inlet Port .875-14 UN-2B SAE O-Ring Port; Outlet Port .875-14 UN-2B SAE O-Ring Port - Side Ports
4 Inlet Port .875-14 UN-2B SAE O-Ring Port; Outlet Port .875-14 UN-2B SAE O-Ring Port - Rear Ports

13 14 Case drain

00 No Case Drain
AA .5625-18 UNF-2B SAE O-Ring Port - Bottom
AB .5625-18 UNF-2B SAE O-Ring Port - Top
AC Internal with Bi-Directional Checks, .5625-18 UNF-2B SAE O-Ring Port - Plugged
AD .5625-18 UNF-2B SAE O-Ring Port - Bottom-Plugged
AE .5625-18 UNF-2B SAE O-Ring Port - Top-Plugged

15 Relief valve type

0 No Relief Valve
C Cross-over

16 17 Relief valve setting bar [lbf/in2]

00 No Relief Valve Setting
AA 117.2 [1700]
AB 141.3 [2050]
AC 31.0 [450]

18 Test data

0 Generic
A Unit Specific (Used with Relief Valve)

All dimensions are in inches.

Series 26 motor Model code - single

ADM			*	*	**		**		A	00		00		0	00		0	00		00	0	A	
[] [] []			[]	[]	[] []		[] []		[]	[] []		[] []		[]	[] []		[]	[] []		[] []	[]	[]	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

1920

Special features

00No Special Features

2122

Paint

00None

0APrimer per Spec 209-13A

0BBlack per Spec 209-13B

23

Identification

0Standard

24

Design code

A A

All dimensions are in inches.

Series L2 pump

General specifications and performance data

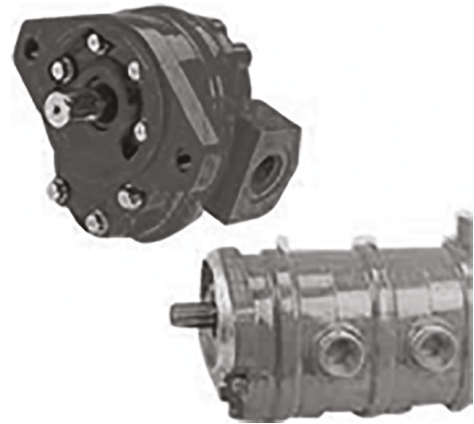
Rotation	CCW or CW
Mounting Flange	SAE 2 Bolt B
Maximum Continuous† Pressure	248 bar [3600 PSI]*
Maximum Intermittent†† Pressure	276 bar [4000 PSI]**
Minimum Speed at Continuous Pressure	750 RPM
Maximum Continuous Inlet Temperature	107°C [225°F]
Minimum Operating Temperature	-29°C [-20°F]
Maximum Inlet Vacuum at 82°C [180°F] and Rated Speed	6.0 In. Hg

† Continuous - pump may be run continuously at these ratings.

†† Intermittent - Intermittent operation, 10% of every minute. For side load limits consult your Danfoss representative.

* 46.7 [2.85] displacement maximum continuous pressure is 224 bar [3250 PSI]
51.1 [3.12] displacement maximum continuous pressure is 207 bar [3000 PSI]
55.2 [3.37] displacement maximum continuous pressure is 190 bar [2750 PSI]

** 46.7 [2.85] displacement maximum intermittent pressure is 252 bar [3650 PSI]
51.1 [3.12] displacement maximum intermittent pressure is 234 bar [3400 PSI]
55.2 [3.37] displacement maximum intermittent pressure is 217 bar [3150 PSI]



Model	25500	25501	25502	25503	25504	25505	25506	25507	25508
Displacement cm ³ /r [in ³ /r]	21.3 [1.30]	25.4 [1.55]	29.2 [1.78]	33.6 [2.05]	38.2 [2.33]	42.8 [2.61]	46.7 [2.85]	51.1 [3.12]	55.2 [3.37]
Max. Continuous Pressure bar [PSI]†	248 [3600]	248 [3600]	248 [3600]	248 [3600]	248 [3600]	248 [3600]	224 [3250]	207 [3000]	190 [2750]
Max. Intermittent Pressure bar [PSI]††	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	252 [3650]	234 [3400]	217 [3150]
Rated Speed (RPM)	3500	3000	3000	2750	2750	2500	2500	2500	2250
Minimum Output Flow at 207 bar [3000 PSI] and Rated Speed LPM [GPM]	61,3 [16.2]	64,7 [17.1]	78,0 [20.6]	83,3 [22.0]	94,6 [25.0]	96,1 [25.4]	105,2 [27.8]	115, 1 [30.4]	112,0 [29.6]

The performance data in the table above and the following graphs was collected using a mineral base oil with a viscosity of 133 SUS at 49° C [120° F]. The following performance graphs are representative of the series.

† Continuous - pump may be run continuously at these ratings.

†† Intermittent - Intermittent operation, 10% of every minute.

Ordering information Standard catalog assemblies

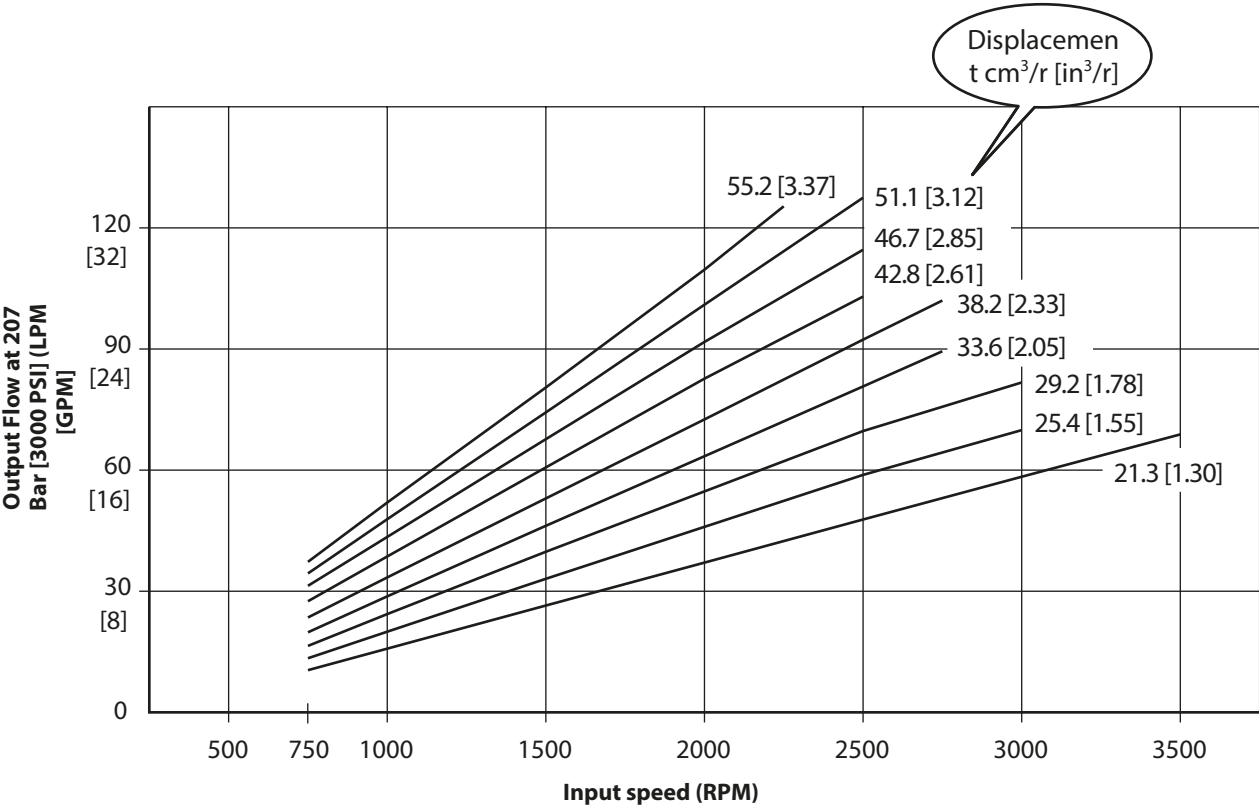
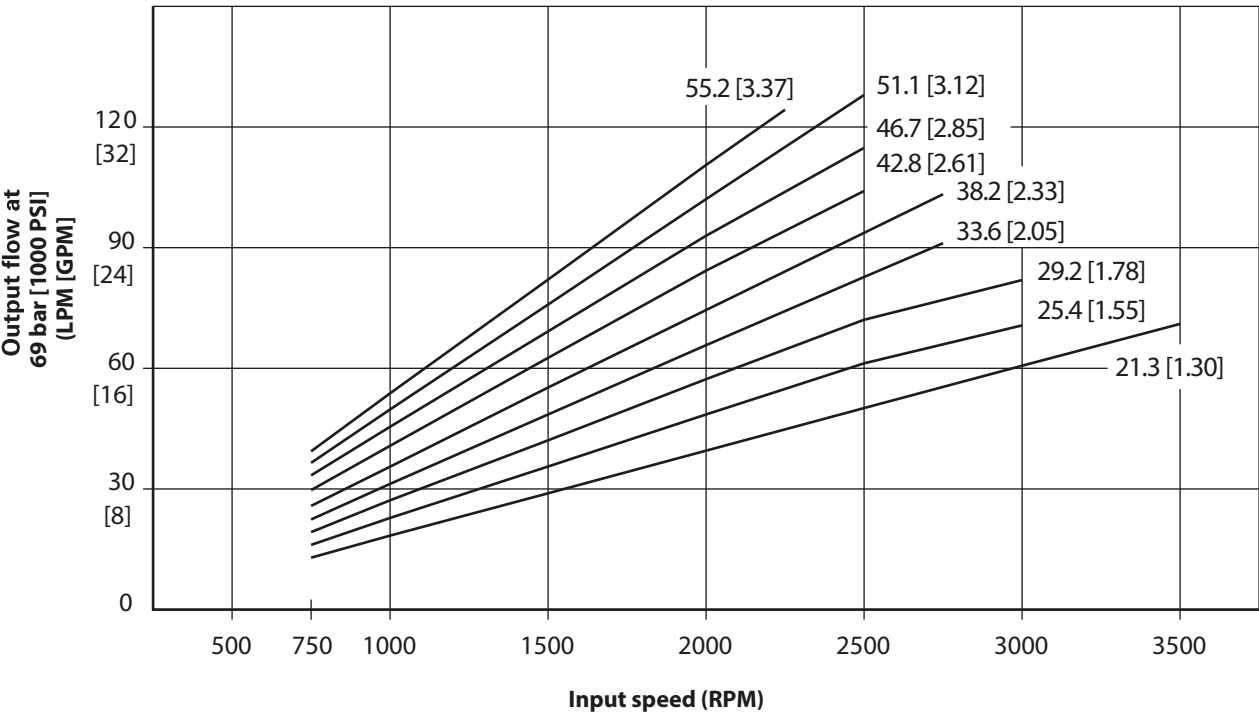
Standard Catalog Assemblies are built from high quality production parts and are the most economical pumps available in this series. Dimensions and order numbers for Standard Catalog Assemblies are given on pages 29-30.

Optional configurations

Besides the Standard Catalog Assemblies, the L2 Series has several optional features. Flow divider and tandem backplates are available. Multiple gear pumps can also be built. If a variation from the Standard Catalog Assemblies is required, use the model codes on pages 35-36.

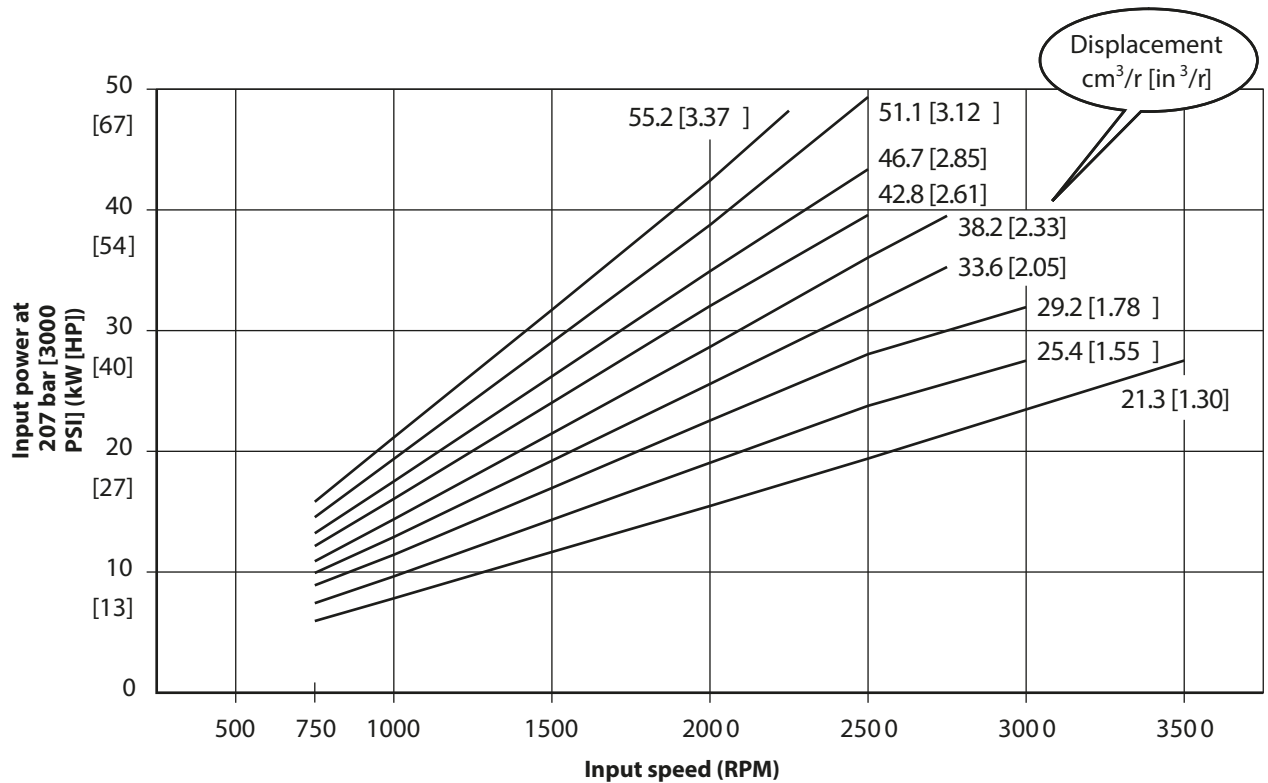
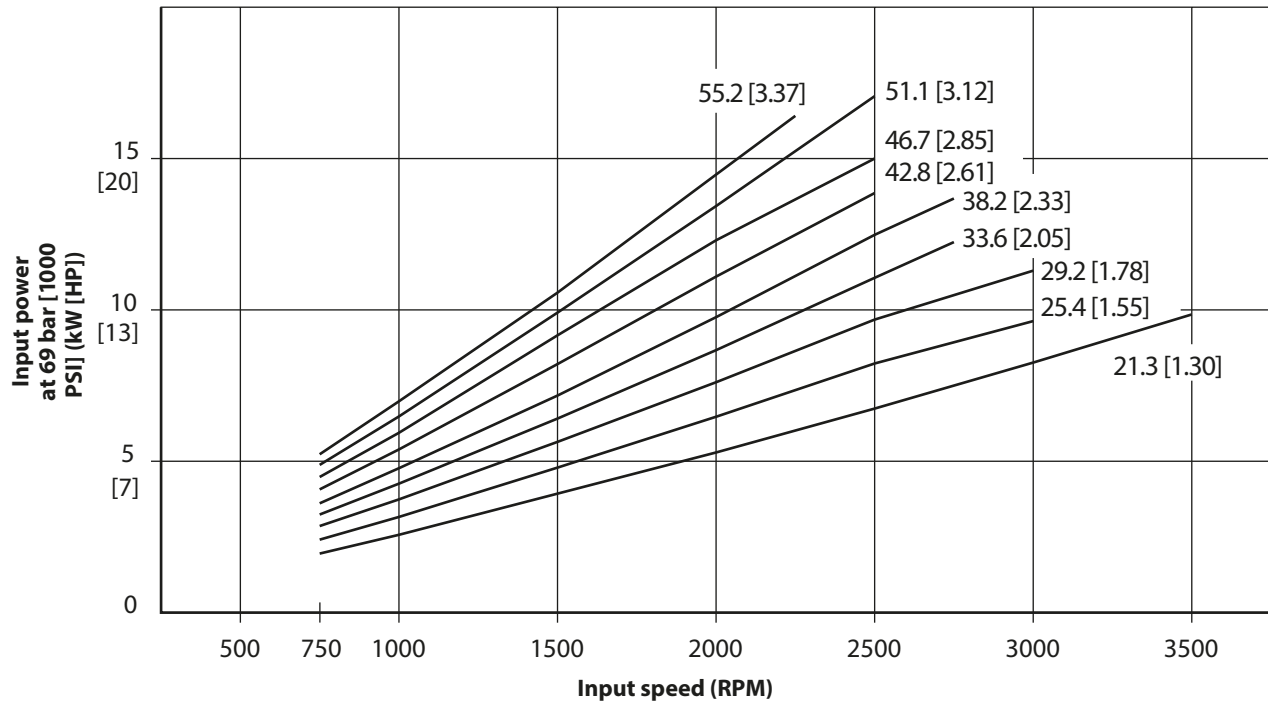
Series L2 pump
Performance data charts

Output power vs speed



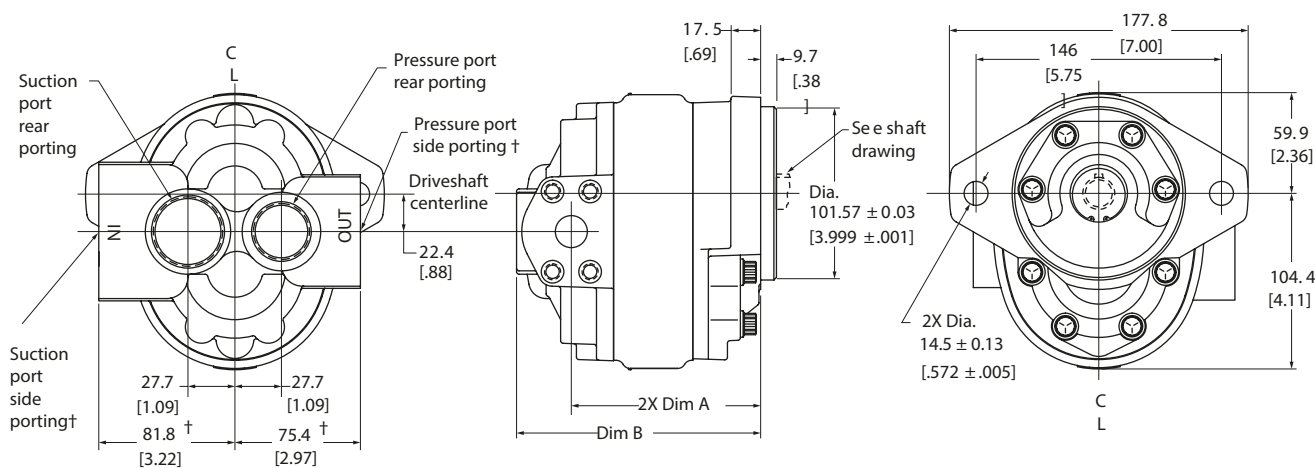
Series L2 pump Performance data charts

Input Power vs Speed



The performance data show in the graphs are representative of this series. Tests were performed per SAE specifications using mineral base oil with a viscosity of 133 SUS at 49° C [120° F].

Series L2 pump Standard catalog assemblies - dimensions



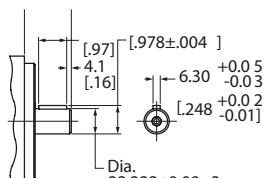
Left hand rotation shown

† For split flange porting subtract .8 [.03], available in side porting only

Model	25500	25501	25502	25503	25504	25505	25506	25507	25508
Displacement (cm ³ /r [in ³ /r])	21.3 [1.30]	25.4 [1.55]	29.2 [1.78]	33.6 [2.05]	38.2 [2.33]	42.8 [2.61]	46.7 [2.85]	51.1 [3.12]	55.2 [3.37]
Dimension A (mm [in.])	84.8 [3.34]	88.2 [3.47]	91.7 [3.61]	95.1 [3.75]	98.6 [3.88]	102.0 [4.02]	105.3 [4.14]	109.0 [4.29]	112.4 [4.43]
Dimension B (mm [in.])	117.3 [4.62]	120.8 [4.75]	124.2 [4.89]	127.7 [5.03]	131.1 [5.16]	134.6 [5.30]	137.8 [5.42]	141.5 [5.57]	145.0 [5.71]

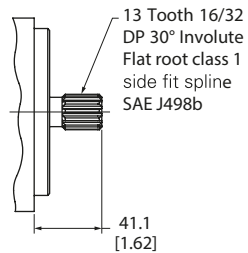
7/8 inch straight key

Maximum Input Torque†† 170 Nm [1500 lb-in]
209 Nm [1850 lb-in]



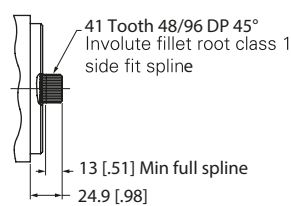
7/8 inch 13 tooth spline

Maximum Input Torque††
209 Nm [1850 lb-in]



7/8 inch 41 tooth spline

Maximum Input Torque††
316 Nm [2800 lb-in]



*** Multiple pump input torque limitations:**

The total torque for multiple pump displacements and pressure combinations cannot exceed the maximum input torque rating of the shaft. The proper formula is Pressure times Displacement divided by 6.28.

All dimensions are in mm [in].

Series L2 pump Order numbers

Right hand rotation product no	Left hand rotation product no	Shaft	Port location	SAE pressure port size	SAE suction port size
Model 25500 – 21.3 cm ³ /r [1.30 in ³ /r] Displacement					
25500-RSA	25500-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25500-RSB	25500-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25500-RSC	25500-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25500-RSD	25500-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25500-RSE	25500-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25500-RSF	25500-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25501 – 25.4 cm ³ /r [1.55 in ³ /r] Displacement					
25501-RSA	25501-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25501-RSB	25501-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25501-RSC	25501-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25501-RSD	25501-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25501-RSE	25501-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25501-RSF	25501-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25502 – 29.2 cm ³ /r [1.78 in ³ /r] Displacement					
25502-RSA	25502-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25502-RSB	25502-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25502-RSC	25502-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25502-RSD	25502-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25502-RSE	25502-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25502-RSF	25502-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25503 – 33.6 cm ³ /r [2.05 in ³ /r] Displacement					
25503-RSA	25503-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25503-RSB	25503-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25503-RSC	25503-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25503-RSD	25503-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25503-RSE	25503-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25503-RSF	25503-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25504 – 38.2 cm ³ /r [2.33 in ³ /r] Displacement					
25504-RSA	25504-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25504-RSB	25504-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25504-RSC	25504-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25504-RSD	25504-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25504-RSE	25504-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25504-RSF	25504-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25505 – 42.8 cm ³ /r [2.61 in ³ /r] Displacement					
25505-RSA	25505-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25505-RSB	25505-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25505-RSC	25505-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25505-RSD	25505-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25505-RSE	25505-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25505-RSF	25505-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange

Series L2 pump Order numbers

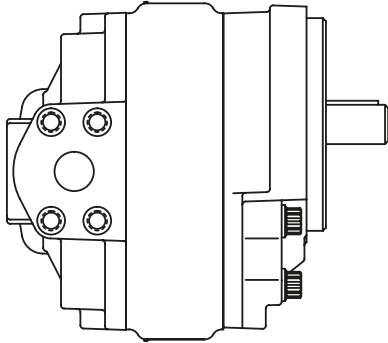
Right hand rotation product no	Left hand rotation product no	Shaft	Port location	SAE pressure port size	SAE suction port size
Model 25506 – 46.7 cm ³ /r [2.85 in ³ /r] Displacement					
25506-RSA	25506-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25506-RSB	25506-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25506-RSC	25506-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25506-RSD	25506-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25506-RSE	25506-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25506-RSF	25506-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25507 – 51.1 cm ³ /r [3.12 in ³ /r] Displacement					
25507-RSA	25507-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25507-RSB	25507-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25507-RSC	25507-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25507-RSD	25507-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25507-RSE	25507-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25507-RSF	25507-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange
Model 25508 – 55.2 cm ³ /r [3.37 in ³ /r] Displacement					
25508-RSA	25508-LSA	13 T Spline	Side	1-1/16-12	1-5/8-12
25508-RSB	25508-LSB	13 T Spline	Rear	1-1/16-12	1-5/8-12
25508-RSC	25508-LSC	7/8 Keyed	Side	1-1/16-12	1-5/8-12
25508-RSD	25508-LSD	7/8 Keyed	Rear	1-1/16-12	1-5/8-12
25508-RSE	25508-LSE	13 T Spline	Side	3/4 Split Flange	1-1/4 Split Flange
25508-RSF	25508-LSF	7/8 Keyed	Side	3/4 Split Flange	1-1/4 Split Flange

Series L2 pump Optional configurations

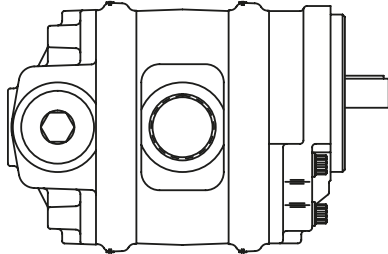
The L2 Series gear pump components can be assembled into many optional configurations. The versatile design allows you to assemble a pump to meet your specific needs.

Model codes for single and multiple pumps along with the component part dimension drawings are given on the following pages.

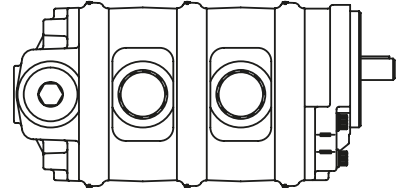
Single gear pump with split- flange ports



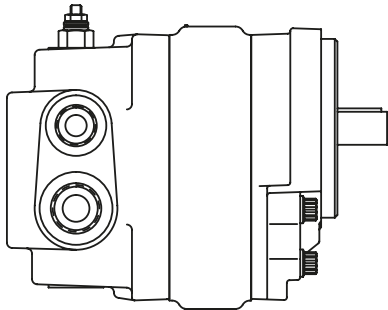
Double gear pump with common suction port



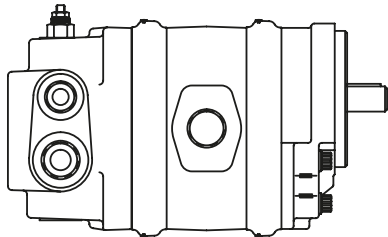
Triple gear pump with two suction ports



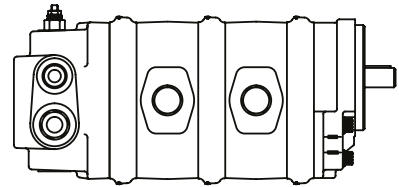
Single gear pump with flow divider



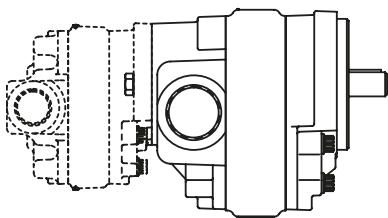
Double gear pump with flow divider



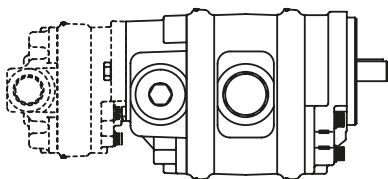
Triple gear pump with flow divider



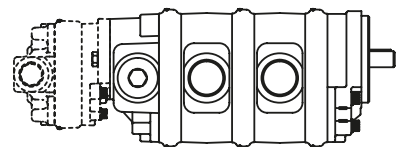
Single gear pump with SAE A flange auxiliary mount



Double gear pump with common suction port and SAE A flange auxiliary mount



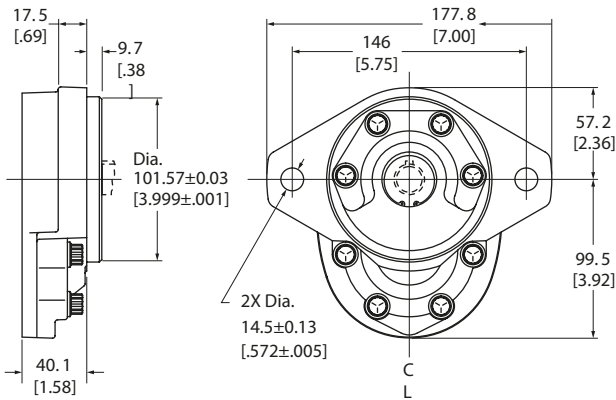
Triple gear pump with two suction ports and SAE A Flange auxiliary mount



Series L2 pump Component parts - dimensions

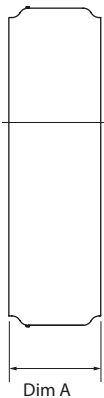
Front plate

SAE 2 Bolt B Mount .Used on all Standard Catalog Assemblies .



Body

Used on Single and Multiple Pumps

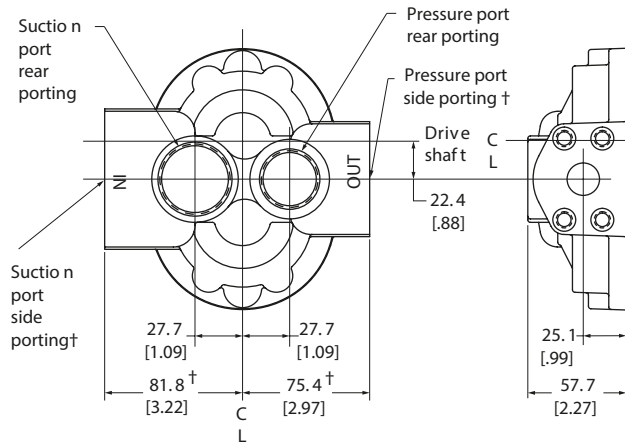


Displacement cm³/r [in³/r]	Dimension A mm [in.]
21.3 [1.30]	19.8 [0.78]
25.4 [1.55]	23.1 [0.91]
29.2 [1.78]	26.7 [1.05]
33.6 [2.05]	30.0 [1.18]
38.2 [2.33]	1.32 [33.5]
42.8 [2.61]	]
46.7 [2.85]	37.1 [1.46]
51.1 [3.12]	1.59 [40.4]
55.2 [3.37]	]
	43.9 [1.73]

Series L2 pump Component parts - dimensions

Backplate

Used on Single and Multiple Pumps

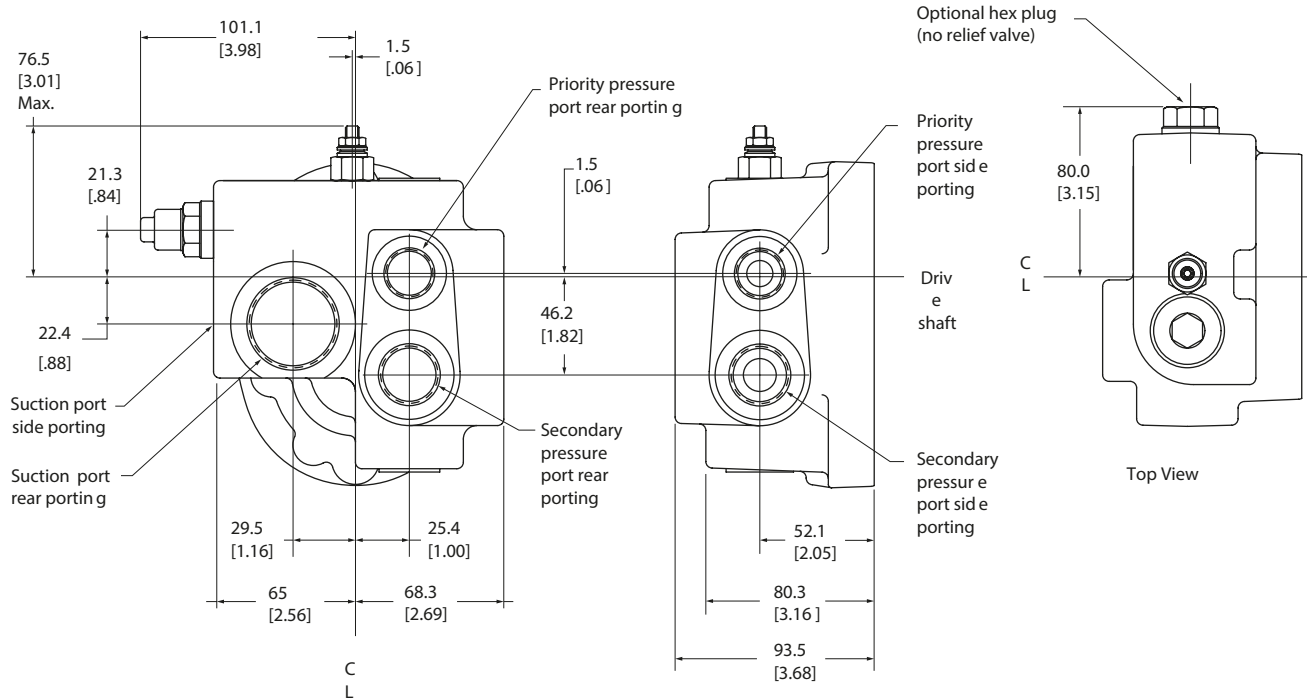


Left hand rotation shown

† For split flange porting subtract .8 [.03], available in side porting only

Flow divider backplate

Used on single and multiple pumps

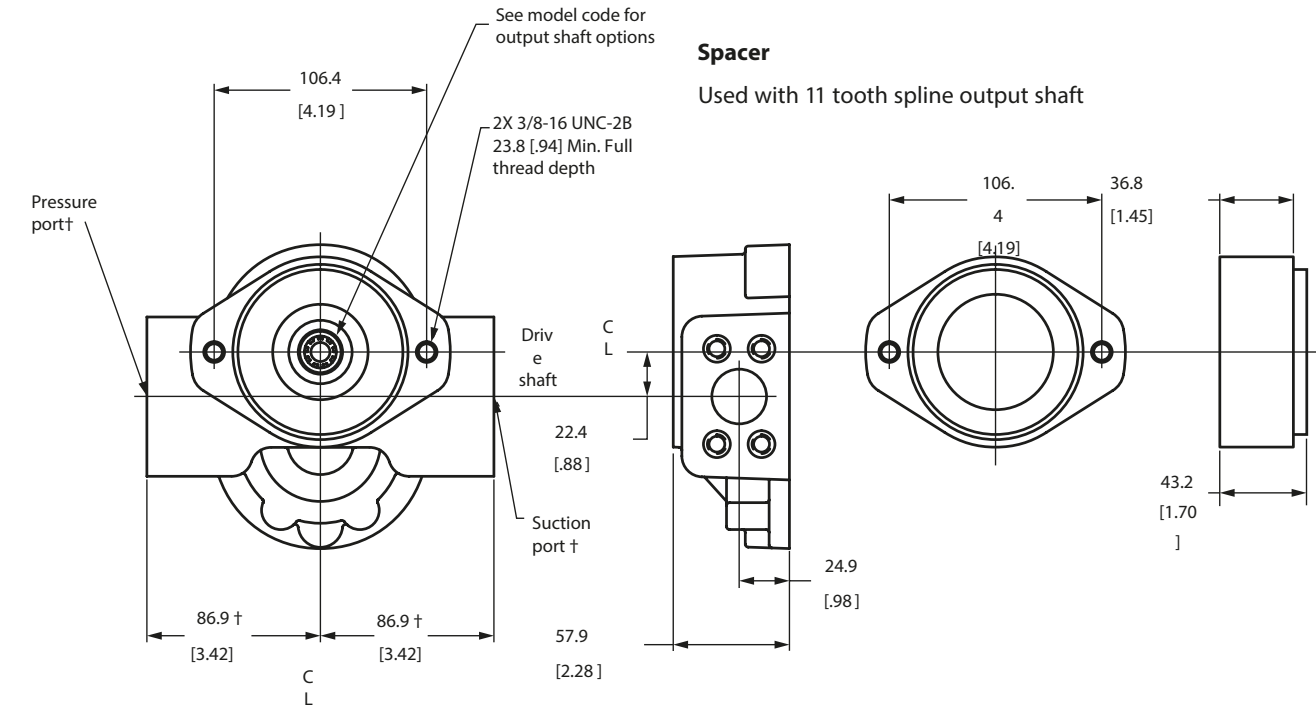


Left hand rotation shown

Series L2 pump Component parts - dimensions

Tandem backplate with SAE 2 bolt a flange

Used on single and multiple pumps

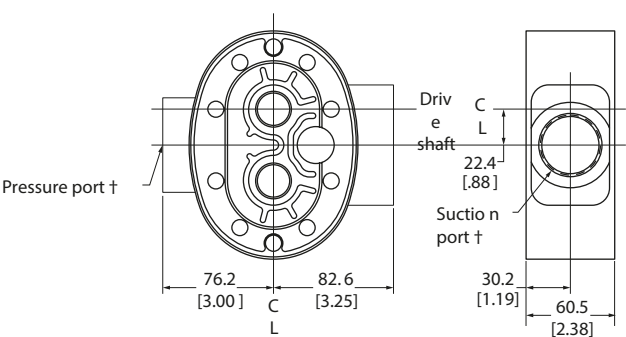


Right hand rotation shown

† For split flange porting subtract .8 [.03]

Adaptor plate

Used on multiple pumps



Right hand rotation shown

† For split flange porting subtract .8 [.03]

Series L2 Pump Model code - single

L2 gear pumps can be ordered by using the following Model Code.

A twenty-three digit coding system has been designed to identify all of the features available on L2 single gear pumps. The characters and their relative positions within the code identify specific features.

Use the Model Code Matrix as an aid when assembling the model code for the pump with the features you desire. It may be helpful to photocopy the matrix and write the numbers and letters into the boxes as you select features.

All twenty-three digits of the code must be submitted when ordering. The seven zeros at the end of the model code are for factory use, be sure to include them when ordering.

ABF	*	*	**	**	**	**	**	*	0	00	00	0	0
123	4	5	67	89	1011	1213	1415	16	17	1819	2021	22	23

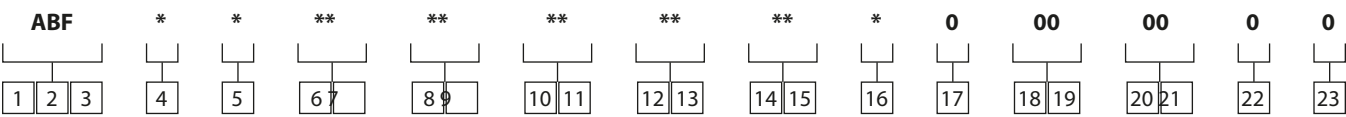
1	2	3	L2 Series
			ABF Gear Pump - Single Unit
4	Unit type		
A			Plain
B			Flow Divider with/without Relief Valve (Pos 14-15)
5	Input rotation (viewed from input shaft end)		
L			Left-hand Rotation CCW
R			Right-hand Rotation CW
6	7	Displacement (cm³/r [in³/r])	
0		21.3 [1.30]	
1		25.4 [1.55]	
2		29.2 [1.78]	
3		33.6 [2.05]	
4		38.2 [2.33]	
5		42.8 [2.61]	
6		46.7 [2.85]	
7		51.1 [3.12]	
8		55.2 [3.37]	
8	9	Input shaft	
AA		7/8 Inch Dia . 13 Tooth Spline 16/32 Pitch Shaft Extension 41 .1 [1.62]	
AB		7/8 Inch Dia . Straight Keyed, Keyway 6 .4 X 25.4 [.25 X 1.00] Shaft Extension 41 .1 [1.62]	
AD		7/8 Inch Dia . 41 Tooth Spline 48/96 Pitch Shaft Extension 24 .9 [9.8]	

10	11	Ports, sizes and location- backplate	
	1	1 5/8-12 Suction; 1 1/16- 12 Pressure SAE Straight Thread O-ring Ports - Side	
	2	1 5/8-12 Suction; 1 1/16- 12 Pressure SAE Straight Thread O-ring Ports - Rear	
	3	1 1/4 Suction; 3/4 Pressure Split Flange Ports - Side	
	4	1 5/8-12 Suction; 7/8-14 Priority Pressure; 1 1/16-12 Secondary Pressure SAE Straight Thread O-ring Ports - Side	
	05	1 5/8-12 Suction; 7/8-14 Priority Pressure; 1 1/16-12 Secondary Pressure SAE Straight Thread O-ring Ports - Rear	

12	13	Priority flow divider setting (LPM [GPM])	
	00	No Flow Setting	
	AA	3.8 [1.00]	
	AB	5.7 [1.50]	
	AC	7.6 [2.00]	
	AD	9.5 [2.50]	
	AE	11.4 [3.00]	
	AF	13.3 [3.50]	
	AG	15.1 [4.00]	
	AH	17.0 [4.50]	
	AJ	18.9 [5.00]	
	AK	20.8 [5.50]	
	AL	22.7 [6.00]	
	AN	26.5 [7.00]	
	AP	30.3 [8.00]	
	AR	34.1 [9.00]	
	AS	37.8 [10.00]	

All dimensions are in inches.

Series L2 Pump
Model code - single



14	15	Relief valve full flow setting (bar [PSI])
00		No Relief Valve Setting
AA		34.5 [500]
AB		51.7 [750]
AC		68.9 [1000]
AD		86.2 [1250]
AE		103.4 [1500]
AF		120.6 [1750]
AG		137.9 [2000]
AH		155.1 [2250]
AJ		172.4 [2500]
AK		189.6 [2750]
AL		206.8 [3000]

16	Auxiliary rear mount
0	None
B	2 Bolt A SAE Flange Series 82-2 Output Shaft Accepts 9 Tooth Spline 16/32 Pitch, Shaft Extension 31 .8 [1.25]
C	2 Bolt A SAE Flange Series 82-2, With 11 Tooth 16/32 Pitch External Spline Output Shaft, 17 .5 [.69] Minimum Full Spline, Requires Spacer and Coupler to Accept 31.8 [1.25] Mating Shaft Extension

17	Test data
0	Generic
A	Unit Specific (required for flow divider and relief valve options.)

18	19	Special features
00		No Special Features
AB		Viton Shaft Seal
20	21	Paint
00		None
0A		Red Primer
0B		Black
22		Identification
0		Standard
23		Design code
A		A

All dimensions are in inches.

Series L2 pump Model code - multiple

Multiple L2 gear pumps can be ordered by using the following Model Code.

A twenty-eight digit coding system has been designed to identify all of the features available on L2 double and triple gear pumps. The characters and their relative positions within the code identify specific features.

Use the Model Code Matrix as an aid when assembling the model code for the pump with the features you desire. It may be helpful to photocopy the matrix and write the numbers and letters into the boxes as you select features.

All twenty-eight digits of the code must be submitted when ordering. The six zeros at the end of the model code are for factory use, be sure to include them when ordering.

ABG			*	*	**	**	**	**	*	*	**	**	**	*	00	00	0	A									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

1	2	3	L2 Series
			ABG Gear Pump - Multiple Unit
4			Unit type
			A Plain
			B Flow Divider with/without Relief Valve (Pos 20-21)
5			Input rotation (viewed from input shaft end)
			L Left-hand Rotation CCW
			R Right-hand Rotation CW
6	7		Displacement (cm ³ /r [in ³ /r])
			0 21.3 [1.30]
			1 25.4 [1.55]
			2 29.2 [1.78]
			3 33.6 [2.05]
			4 38.2 [2.33]
			5 42.8 [2.61]
			6 46.7 [2.85]
			7 51.1 [3.12]
			8 55.2 [3.37]
8	9		Displacement of center section (cm ³ /r [in ³ /r])
			0 21.3 [1.30]
			1 25.4 [1.55]
			2 29.2 [1.78]
			3 33.6 [2.05]
			4 38.2 [2.33]
			5 42.8 [2.61]
			6 46.7 [2.85]
			7 51.1 [3.12]
			8 55.2 [3.37]
			99 No Center Displacement

10	11	Displacement of rear section (cm ³ /r [in ³ /r])
		0 21.3 [1.30]
		1 25.4 [1.55]
		2 29.2 [1.78]
		3 33.6 [2.05]
		4 38.2 [2.33]
		5 42.8 [2.61]
		6 46.7 [2.85]
		7 51.1 [3.12]
		8 55.2 [3.37]
12	13	Input shaft
		AA 7/8 Inch Dia . 13 Tooth Spline 16/32 Pitch Shaft Extension 41 .1 [1.62]
		AB 7/8 Inch Dia . Straight Keyed, Keyway 6 .4 X 25.4 [.25 X 1 .00] Shaft Extension 41 .1 [1.62]
		AE 7/8 Inch Dia . 41 Tooth Spline 48/96 Pitch Shaft Extension 24 .9 [.98]
14		Front adaptor ports
		1 1 5/8-12 Suction; 1 1/16- 12 Pressure – SAE Straight Thread O-ring Ports
		3 1 1/4 Suction; 3/4 Pressure Split Flange Ports, Common Suction

All dimensions are in inches.

Series L2 pump

Model code - multiple

ABG			*	*	**		**		**		**		*	*	**		**		**		*	00		00		0	A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

15	Rear adaptor ports (triple pumps)
0	No Rear Adaptor
1	1 5/8-12 Suction; 1 1/16- 12 Pressure – SAE Straight Thread O-ring Ports
3	1 1/4 Suction; 3/4 Pressure Split Flange Ports, Common Suction

16	17	Ports, sizes and location- backplate
03		1 5/8-12 Suction; 1 1/16- 12 Pressure SAE Straight Thread O-ring Ports - Rear
05		1 5/8-12 Suction; 7/8-14 Priority Pressure; 1 1/16-12 Secondary Pressure SAE Straight Thread O-ring Ports - Side
06		1 5/8-12 Suction; 7/8-14 Priority Pressure; 1 1/16-12 Secondary Pressure SAE Straight Thread O-ring Ports - Rear
7		1 5/8-12 Suction (Plugged); 1 1/16-12 Pressure SAE Straight Thread O-ring Ports - Rear
8		1 1/4 Suction; 3/4 Pressure Split Flange Ports - Side

18	19	Priority flow divider setting (LPM [GPM])
00		No Flow Setting
AA		3.8 [1.00]
AB		5.7 [1.50]
AC		7.6 [2.00]
AD		9.5 [2.50]
AE		11.4 [3.00]
AF		13.3 [3.50]
AG		15.1 [4.00]
AH		17.0 [4.50]
AJ		18.9 [5.00]
AK		20.8 [5.50]
AL		22.7 [6.00]
AN		26.5 [7.00]
AP		30.3 [8.00]
AR		34.1 [9.00]
AS		37.8 [10.00]

20	21	Relief valve full flow setting (bar [PSI])
00		No Relief Valve Setting
AA		34.5 [500]
AB		51.7 [750]
AC		68.9 [1000]
AD		86.2 [1250]
AE		103.4 [1500]
AF		120.6 [1750]
AG		137.9 [2000]
AH		155.1 [2250]
AJ		172.4 [2500]
AK		189.6 [2750]
AL		206.8 [3000]

22	Test data
0	Generic
A	Unit Specific (required for flow divider and relief valve options .)

23	24	Special features
00		No Special Features
AA		Viton Shaft Seal
AE		2 Bolt A SAE Flange Series 82-2 Output Shaft Accepts 9 Tooth Spline 16/32 Pitch, Shaft Extension 31 .8 [1.25]
AF		2 Bolt A SAE Flange Series 82-2, With 11 Tooth 16/32 Pitch External Spline Output Shaft, 17 .5 [.69] Minimum Full Spline, Requires Spacer and Coupler to Accept 31.8 [1.25] Mating Shaft Extension

25	26	Paint
00		None
0A		Red Primer
0B		Black

27	Identification
0	Standard

28	Design code
A	A

All dimensions are in inches.

[illegible]

Products we offer:

- Cartridge valves
- DCV directional control valves
- Electric converters
- Electric machines
- Electric motors
- Gear motors
- Gear pumps
- Hydraulic integrated circuits (HICs)
- Hydrostatic motors
- Hydrostatic pumps
- Orbital motors
- PLUS+1® controllers
- PLUS+1® displays
- PLUS+1® joysticks and pedals
- PLUS+1® operator interfaces
- PLUS+1® sensors
- PLUS+1® software
- PLUS+1® software services, support and training
- Position controls and sensors
- PVG proportional valves
- Steering components and systems
- Telematics

Danfoss Power Solutions is a global manufacturer and supplier of high-quality hydraulic and electric components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market as well as the marine sector. Building on our extensive applications expertise, we work closely with you to ensure exceptional performance for a broad range of applications. We help you and other customers around the world speed up system development, reduce costs and bring vehicles and vessels to market faster.

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