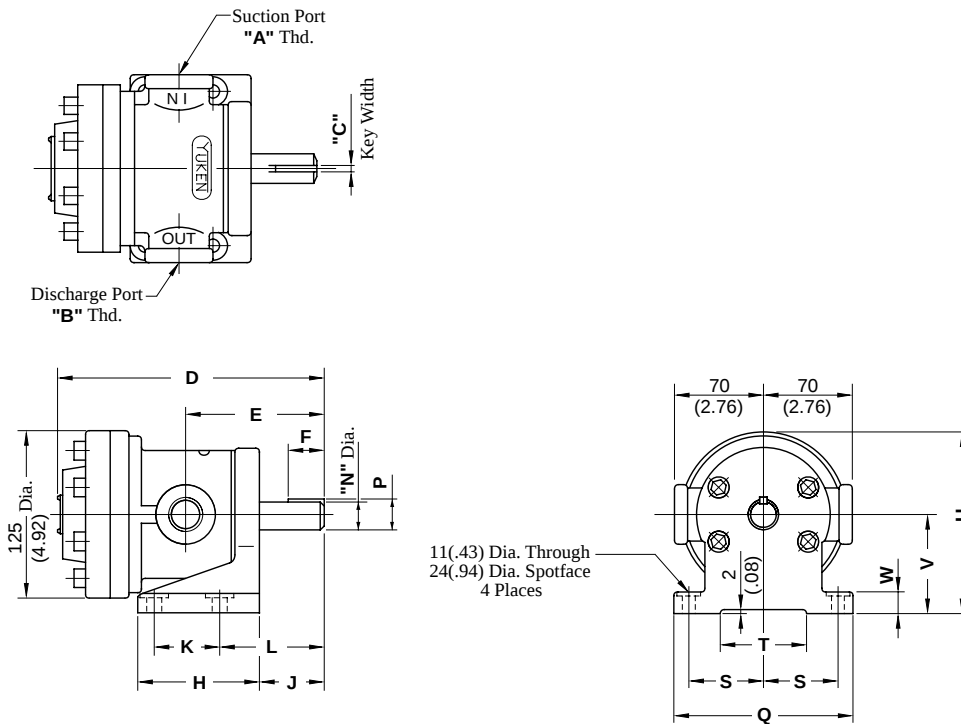


Foot Mtg.:50T-*-L-RL-30/3080/3090



Model Numbers	"A" Thd.	"B" Thd.	Dimensions mm (Inches)									
			C	D	E	F	H	J	K	L	N	P
50T-*-L-RL-30	Rc 1	Rc 3/4	5.000(.1969) 4.970(.1957)	201 (7.91)	104 (4.09)	28 (1.10)	90 (3.54)	50 (1.969)	50 (1.969)	78 (3.07)	22.000(.8661) 21.979(.8653)	24.000(.945) 23.849(.939)
50T-*-L-RL-3080	1 BSP.F	3/4 BSP.F	4.760(.1874)	202 (7.95)	104.8 (4.13)	29 (1.14)	97 (3.82)	50.8 (2.000)	50.8 (2.000)	82.5 (3.25)	19.050(.7500) 19.029(.7429)	21.570(.849) 21.431(.844)
50T-*-L-RL-3090	1 NPT	3/4 NPT	4.742(.1867)									

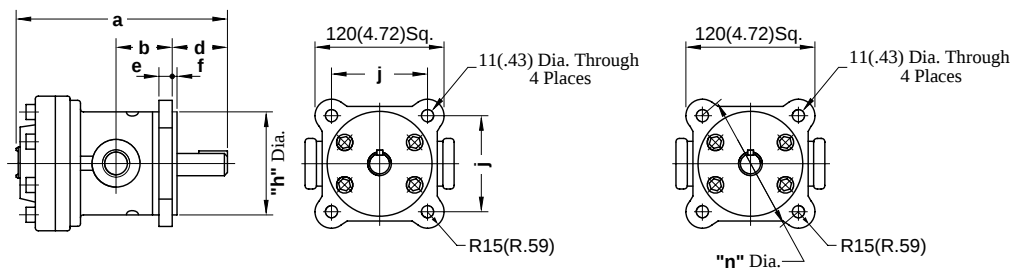
Model Numbers	Dimensions mm (Inches)					
	Q	S	T	U	V	W
50T-*-L-RL-30	140 (5.51)	58 (2.283)	65 (2.56)	137.5 (5.41)	75 (2.95)	15 (.59)
50T-*-L-RL-3080	130	50.8	50	132.3	69.8	12.7
50T-*-L-RL-3090	(5.12)	(2.000)	(1.97)	(5.21)	(2.75)	(.50)

**DIMENSIONS IN
MILLIMETRES (INCHES)**

Flange Mtg.:50T-*-F-RL-30/3080/3090

Design 30

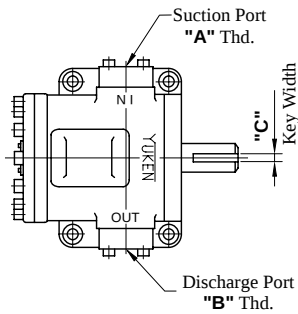
Design 3080/3090



Model Numbers	Dimensions mm (Inchs)							
	a	b	d	e	f	h	j	n
50T-*-F-RL-30	201 (7.91)	54 (2.13)	50 (1.97)	15 (.59)	5 (.20)	96.000(3.780) 95.565(3.778)	90 (3.543)	—
50T-*-F-RL-3080	202 (7.95)	49.3 (1.94)	55.6 (2.19)	12.7 (.50)	4.7 (.19)	95.200(3.748) 95.165(3.746)	—	127 (5.000)
50T-*-F-RL-3090								

• For other dimensions, refer to "Foot Mtg.".

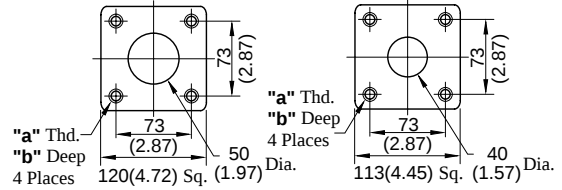
Foot Mtg.:250F-*-L-RL-40/4080/4090



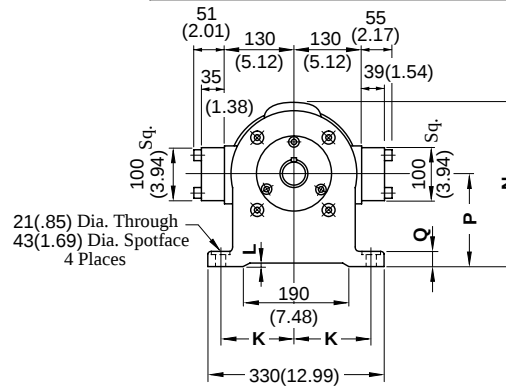
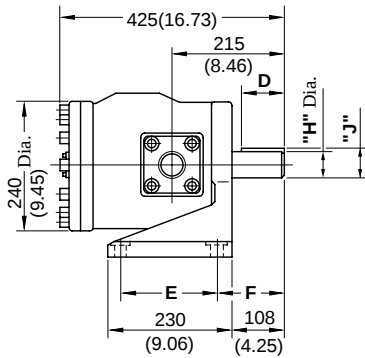
For Reference: Dimensions of Pipe Flange Mounting Surface

Suction Port

Discharge Port



Model Numbers	"a" Thd.	b mm (IN.)
250F-*-RL-40	M 16	29 (1.14)
250F-*-RL-4080		
250F-*-RL-4090	5/8-11 UNC	25 (.98)

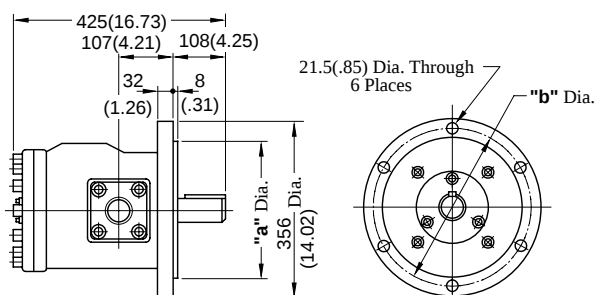


Model Numbers	"A" Thd.	"B" Thd.	Dimensions mm (Inches)				
			C	D	E	F	H
250F-*-L-RL-40	Rc 2	Rc 1-1/2	12.000 (.4724) 11.957 (.4707)	85 (3.35)	180 (7.087)	133 (5.24)	50.000 (1.9685) 49.975 (1.9675)
250F-*-L-RL-4080	2 BSP.F	1-1/2 BSP.F	12.700 (.5000)	87.3 (3.44)	177.8 (7.000)	133.4 (5.25)	50.800 (2.0000)
250F-*-L-RL-4090	2 NPT	1-1/2 NPT	12.673 (.4989)				50.770 (1.9988)

Model Numbers	Dimensions mm (Inches)					
	J	K	L	N	P	Q
250F-*-L-RL-40	53.000 (2.087) 52.785 (2.078)	140 (5.512)	5 (.20)	305 (12.01)	170 (6.69)	28 (1.10)
250F-*-L-RL-4080	54.900 (2.161)	139.7 (5.500)	6.5 (.26)	306.5 (12.07)	171.5 (6.75)	29.5 (1.16)
250F-*-L-RL-4090	54.640 (2.151)					

**DIMENSIONS IN
MILLIMETRES (INCHES)**

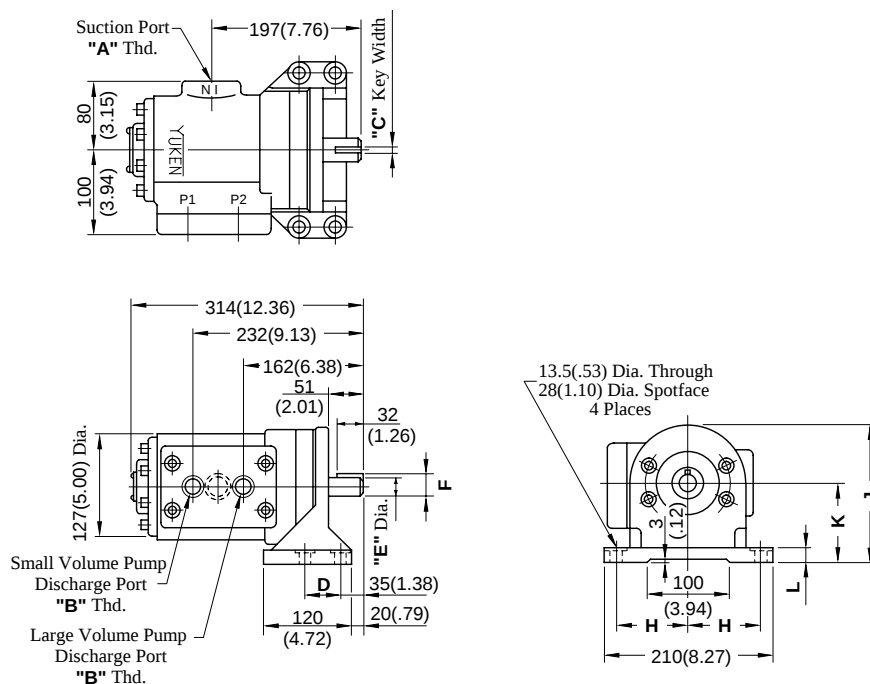
Flange Mtg.:250F-*-F-RL-40/4080/4090



Model Numbers	Dimensions mm (Inches)	
	a	b
250F-*-F-RL-40	280.000 (11.024) 279.948 (11.022)	318 (12.52)
250F-*-F-RL-4080	279.370 (10.999)	317.5 (12.50)
250F-*-F-RL-4090	279.290 (10.996)	

• For other dimensions, refer to "Foot Mtg.".

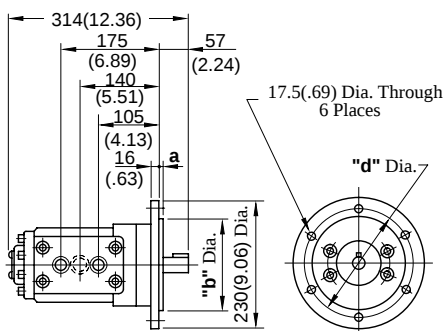
Foot Mtg.:5050T-*-L-RL-40/4080/4090



Model Numbers	"A" Thd.	"B" Thd.	Dimensions mm (Inches)							
			C	D	E	F	H	J	K	L
5050T-*-L-RL-40	Rc 1-1/2	Rc 3/4	7.000 (.2756) 6.964 (.2742)	50 (2.008)	25.000 (.9843) 24.979 (.9834)	28.000 (1.102) 24.743 (1.092)	90 (3.543)	167 (6.57)	95 (3.74)	20 (.79)
5050T-*-L-RL-4080	1-1/2 BSP.F	3/4 BSP.F	4.760 (.1874) 4.730 (.1862)	50.8 (2.000)	25.370 (.9988) 25.349 (.9980)	27.370 (1.078) 27.191 (1.071)	88.9 (3.500)	167.3 (6.59)	95.25 (3.75)	20.3 (.80)
5050T-*-L-RL-4090	1-1/2 NPT	3/4 NPT								

DIMENSIONS IN
MILLIMETRES (INCHES)

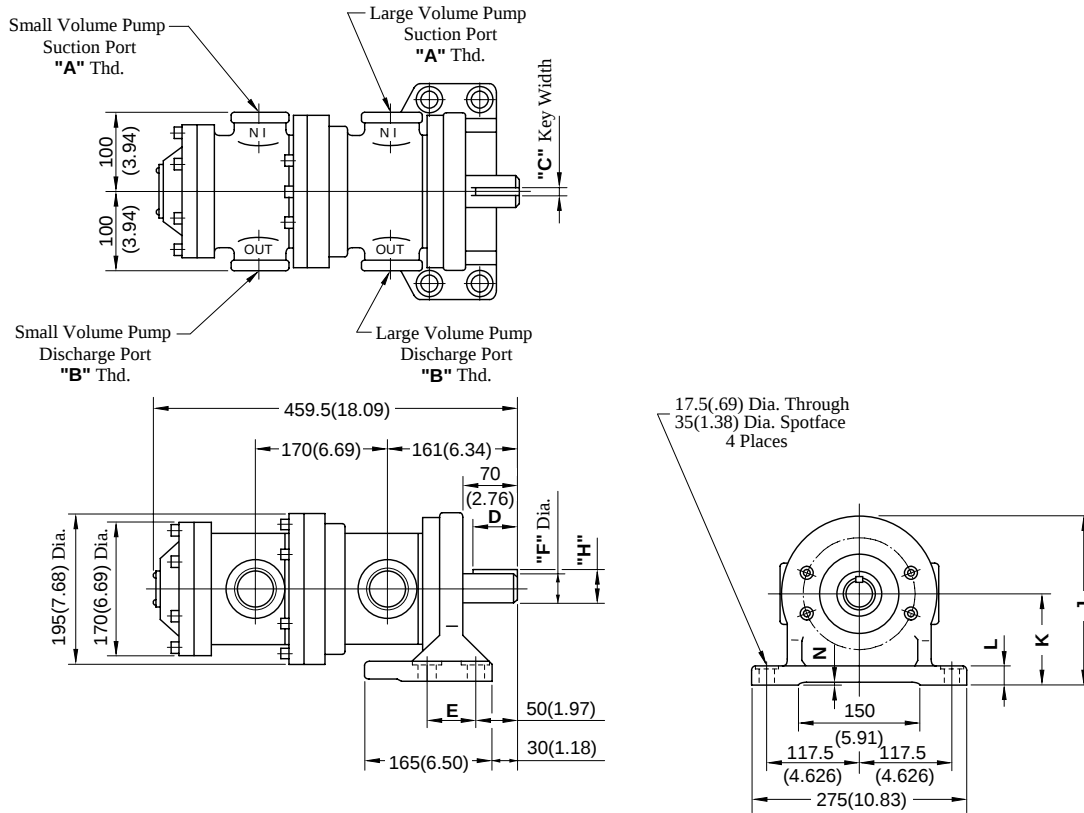
Flange Mtg.:5050T-*-F-RL-40/4080/4090



Model Numbers	Dimensions mm (Inches)		
	a	b	d
5050T-*-F-RL-40	6 (.24)	160.000 (6.299) 159.960 (6.298)	190 (7.48)
5050T-*-F-RL-4080	6.5 (.26)	158.750 (6.250)	187.3 (7.37)
5050T-*-F-RL-4090		158.674 (6.247)	

• For other dimensions, refer to "Foot Mtg.".

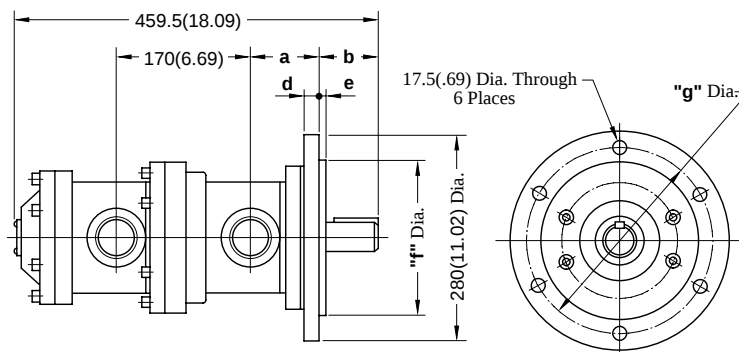
Foot Mtg.:150150T-**-L-RL-20/2080/2090



Model Numbers	"A" Thd.	"B" Thd.	Dimensions mm (Inches)								
			C	D	E	F	H	J	K	L	N
150150T-**-L-RL-20	Rc 1-1/2	Rc 1-1/4	10.000 (.3937) 9.964 (.3923)	56 (2.20)	64 (2.520)	38.000 (1.4961) 37.975 (1.4951)	41.000 (1.614) 40.685 (1.602)	220 (8.66)	120 (4.72)	25 (.98)	3 (.12)
150150T-**-L-RL-2080	1-1/2 BSP.F	1-1/4 BSP.F	9.550 (.3760)	55	63.5	38.075 (1.4990)	42.225 (1.662)	220.5	120.7	25.7	3.7
150150T-**-L-RL-2090	1-1/2 NPT	1-1/4 NPT	9.525 (.3750)	55	63.5	38.050 (1.4980)	42.075 (1.656)	220.5	120.7	25.7	3.7

DIMENSIONS IN
MILLIMETRES (INCHES)

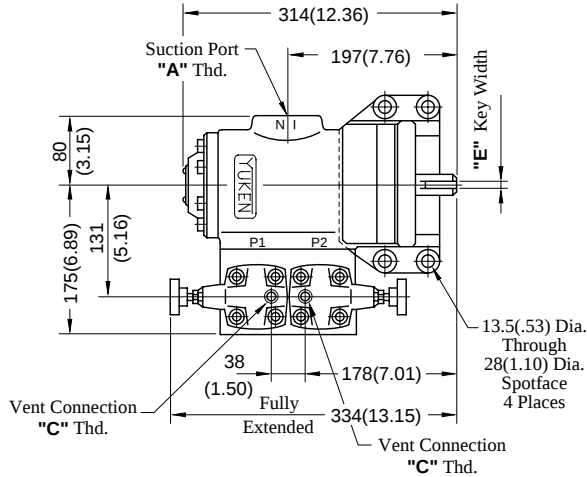
Flange Mtg.:150150T-**-F-RL-20/2080/2090



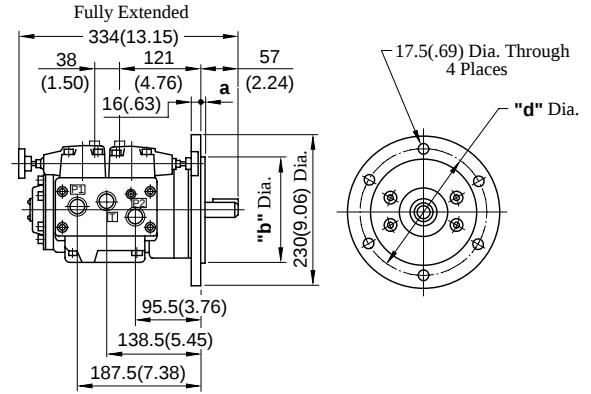
Model Numbers	Dimensions mm (Inches)					
	a	b	d	e	f	g
150150T-**-F-RL-20	86 (3.39)	75 (2.95)	22 (.87)	5 (.20)	203.000 (7.992) 202.954 (7.990)	241 (9.49)
150150T-**-F-RL-2080	85 (3.35)	76 (2.99)	21 (.83)	6.5 (.26)	203.200 (8.000)	241.3 (9.50)
150150T-**-F-RL-2090	85 (3.35)	76 (2.99)	21 (.83)	6.5 (.26)	203.128 (7.997)	241.3 (9.50)

• For other dimensions, refer to "Foot Mtg.".

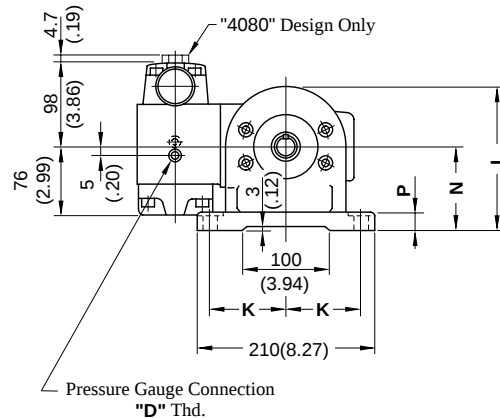
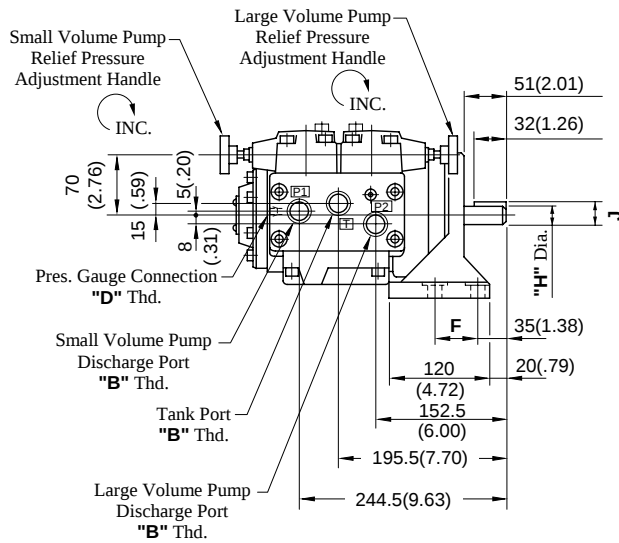
Foot Mtg.:5050ST-*-L-RL-40/4080/4090



Flange Mtg.:5050ST-*-F-RL-40/4080/4090



• For other dimensions, refer to "Foot Mtg.".

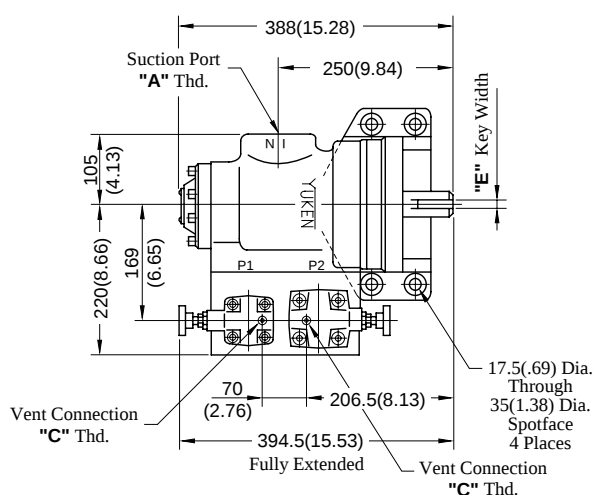


**DIMENSIONS IN
MILLIMETRES (INCHES)**

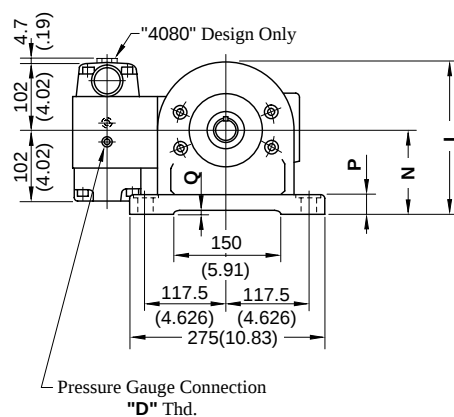
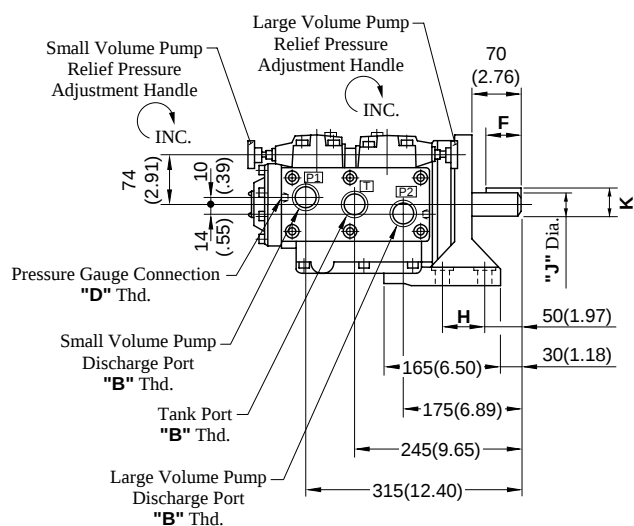
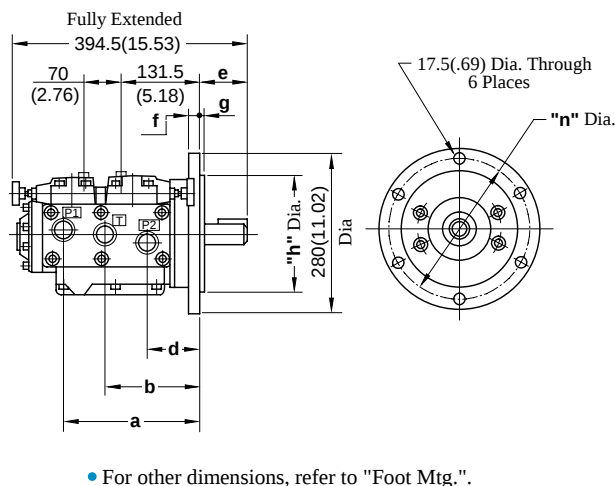
Model Numbers	"A" Thd.	"B" Thd.	"C" Thd.	"D" Thd.	Dimensions mm (Inches)		
					E	F	H
5050ST-*-L-RL-40	Rc 1-1/2	Rc 3/4	Rc 1/4	Rc 1/4	7.000 (.2756) 6.964 (.2742)	50 (2.008)	25.000 (.9843) 24.979 (.9834)
5050ST-*-L-RL-4080	1-1/2 BSP.F	3/4 BSP.F	1/4 BSP.F	1/4 BSP.Tr	4.760 (.1874)	50.8	25.370 (.9988)
5050ST-*-L-RL-4090	1-1/2 NPT	3/4 NPT	1/4 NPT	1/4 NPT	4.730 (.1862)	(2.000)	25.349 (.9980)

Model Numbers	Dimensions mm (Inches)							
	J	K	L	N	P	a	b	d
5050ST-*-L-RL-40	28.000 (1.102) 27.743 (1.092)	90 (3.543)	167 (3.543)	95 (3.74)	20 (.79)	6 (.24)	160.000 (6.299) 159.960 (6.298)	190 (7.48)
5050ST-*-L-RL-4080	27.370 (1.078)	88.9	167.3	95.25	20.3	6.5	158.750 (6.250)	187.3
5050ST-*-L-RL-4090	27.191 (1.071)	(3.500)	(6.59)	(3.75)	(.80)	(.26)	158.674 (6.247)	(7.37)

Foot Mtg.:50150ST-**-L-RL-40/4080/4090



Flange Mtg.:50150ST-**-F-RL-40/4080/4090

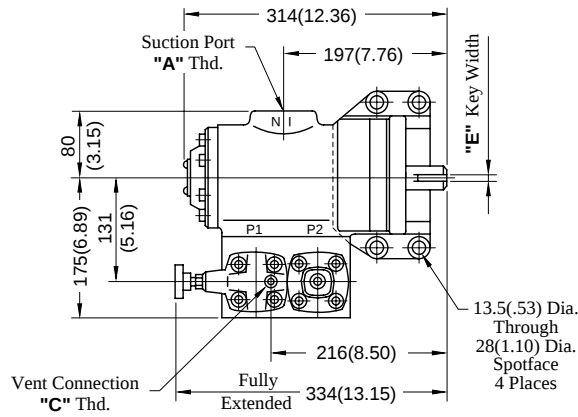


**DIMENSIONS IN
MILLIMETRES (INCHES)**

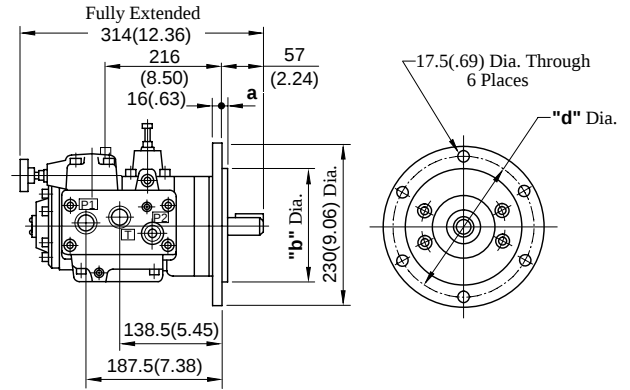
Model Numbers	"A" Thd.	"B" Thd.	"C" Thd.	"D" Thd.	Dimensions mm (Inches)				
					E	F	H	J	K
50150ST-**-L-RL-40	Rc 2	Rc 1-1/4	Rc 1/4	Rc 1/4	10.000 (.3937) 9.964 (.3923)	50 (1.97)	64 (2.520)	38.000 (1.4961) 37.975 (1.4951)	42.000 (1.654) 41.839 (1.647)
50150ST-**-L-RL-4080	2 BSP.F	1-1/4 BSP.F	1/4 BSP.F	1/4 BSP.Tr	9.550 (.3760)	57 (2.24)	63.5 (2.500)	38.075 (1.4990)	42.225 (1.662)
50150ST-**-L-RL-4090	2 NPT	1-1/4 NPT	1/4 NPT	1/4 NPT	9.525 (.3750)			38.050 (1.4980)	42.075 (1.656)

Model Numbers	Dimensions mm (Inches)											
	L	N	P	Q	a	b	d	e	f	g	h	n
50150ST-**-L-RL-40	220 (8.66)	120 (4.72)	25 (.98)	3 (.12)	225 (8.86)	175 (6.89)	120 (4.72)	75 (2.95)	22 (.87)	5 (.20)	203.000 (7.992) 202.954 (7.990)	241 (9.49)
50150ST-**-L-RL-4080	220.5 (8.68)	120.7 (4.75)	25.7 (1.01)	3.7 (.15)	224 (8.82)	174 (6.85)	119 (4.69)	76 (2.99)	21 (.83)	6.5 (.26)	203.200 (8.000) 203.128 (7.997)	241.3 (9.50)

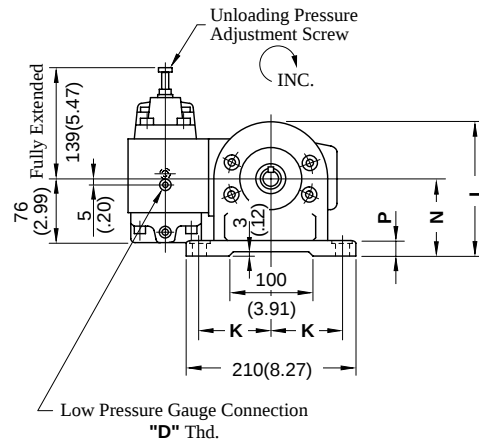
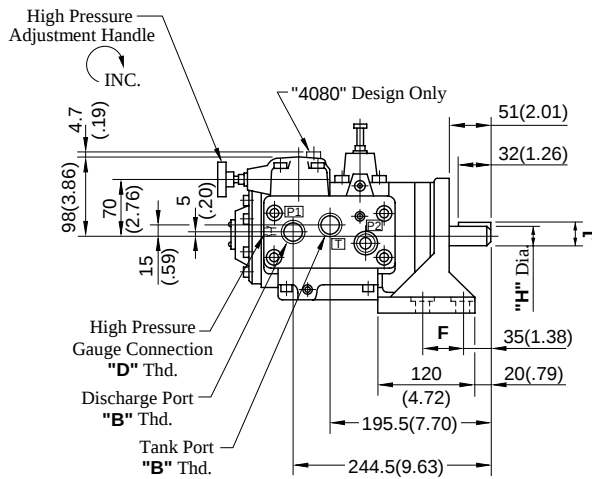
Foot Mtg.:
5050CT-**-*-L-*-RL-40/4080/4090



Flange Mtg.:
5050CT-**-*-F-*-RL-40/4080/4090



• For other dimensions, refer to "Foot Mtg.".



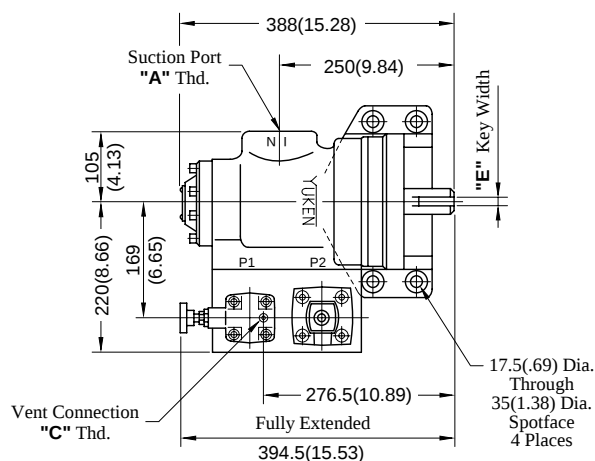
**DIMENSIONS IN
MILLIMETRES (INCHES)**

Model Numbers	"A" Thd.	"B" Thd.	"C" Thd.	"D" Thd.	Dimensions mm (Inches)		
					E	F	H
5050CT-**-*-RL-40	Rc 1-1/2	Rc 3/4	Rc 1/4	Rc 1/4	7.000 (.2756) 6.964 (.2742)	50 (1.969)	25.000 (.9843) 24.979 (.9834)
5050CT-**-*-RL-4080	1-1/2 BSP.F	3/4 BSP.F	1/4 BSP.F	1/4 BSP.Tr	4.760 (.1874)	50.8	25.370 (.9988)
5050CT-**-*-RL-4090	1-1/2 NPT	3/4 NPT	1/4 NPT	1/4 NPT	4.730 (.1862)	(2.000)	25.349 (.9980)

Model Numbers	Dimensions mm (Inches)							
	J	K	L	N	P	a	b	c
5050CT-**-*-RL-40	28.000 (1.102) 27.743 (1.092)	90 (3.543)	167 (6.57)	95 (3.74)	20 (.79)	6 (.24)	160.000 (6.299) 159.960 (6.298)	190 (7.48)
5050CT-**-*-RL-4080	27.370 (1.078)	88.9	167.3	95.25	20.3	6.5	158.750 (6.250)	187.3
5050CT-**-*-RL-4090	27.191 (1.071)	(3.500)	(6.59)	(3.75)	(.80)	(.26)	158.674 (6.247)	(7.37)

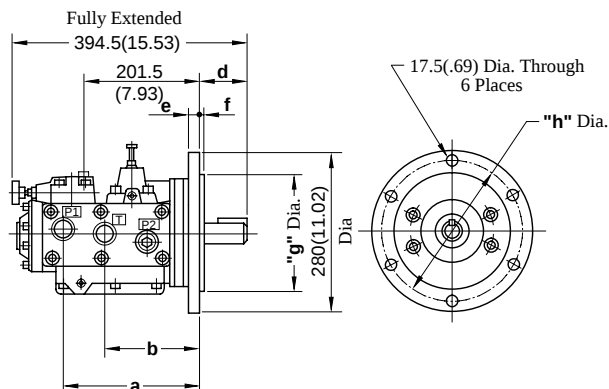
Foot Mtg.:

50150CT-***-L-**-RL-40/4080/4090

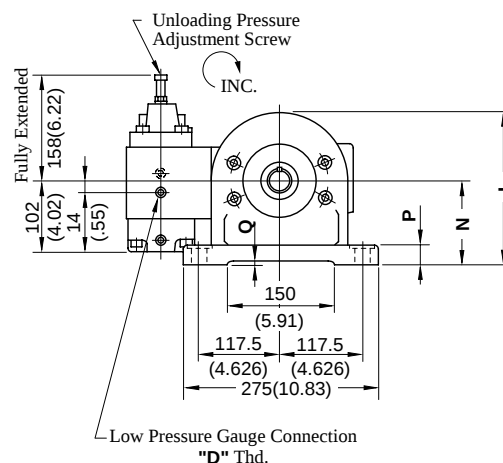
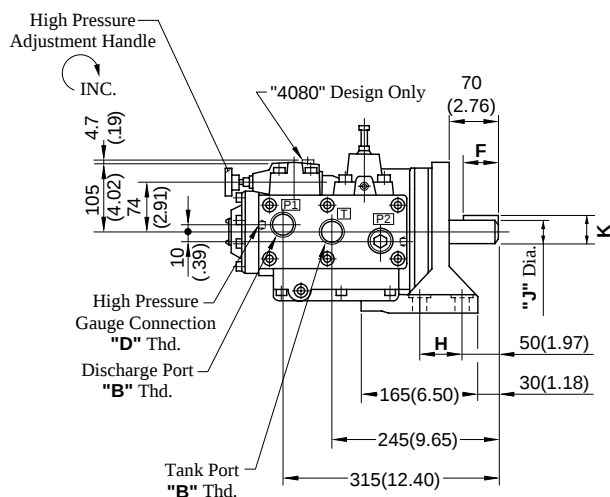


Flange Mtg.:

50150CT-***-F-**-RL-40/4080/4090



• For other dimensions, refer to "Foot Mtg.".



DIMENSIONS IN
MILLIMETRES (INCHES)

Model Numbers	"A" Thd.	"B" Thd.	"C" Thd.	"D" Thd.	Dimensions mm (Inches)				
					E	F	H	J	K
50150CT-***-L-**-RL-40	Rc 2	Rc 1-1/4	Rc 1/4	Rc 1/4	10.000 (.3937) 9.964 (.3923)	50 (1.97)	64 (2.520)	38.000 (1.4961) 37.975 (1.4951)	42.000 (1.654) 41.839 (1.647)
50150CT-***-L-**-RL-4080	2 BSP.F	1-1/4 BSP.F	1/4 BSP.F	1/4 BSP.Tr	9.550 (.3760)	57 (2.24)	63.5 (2.500)	38.075 (1.4990) 38.050 (1.4980)	42.225 (1.662) 42.075 (1.656)
50150CT-***-L-**-RL-4090	2 NPT	1-1/4 NPT	1/4 NPT	1/4 NPT	9.525 (.3750)				

Model Numbers	Dimensions mm (Inches)									
	L	N	P	Q	a	b	d	e	f	g
50150CT-***-L-**-RL-40	220 (8.66)	120 (4.72)	25 (.98)	3 (.12)	225 (8.86)	175 (6.89)	75 (2.95)	22 (.87)	5 (.20)	203.000 (7.992) 202.954 (7.990)
50150CT-***-L-**-RL-4080	220.5 (8.68)	120.7 (4.75)	25.7 (1.01)	3.7 (.15)	224 (8.82)	174 (6.85)	76 (2.99)	21 (.83)	6.5 (.26)	203.200 (8.000) 203.128 (7.997)
50150CT-***-L-**-RL-4090										