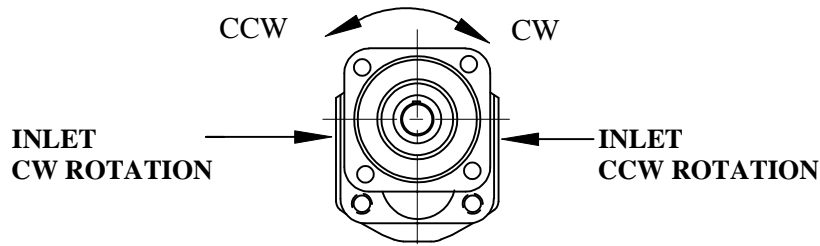


# IFP IP3100/IP5100/IP7600 GEAR HOUSING PORT CODING



## GEAR HOUSING PORT CODE (SIDE PORTED UNITS NPT THREAD)

INLET PORT	OUTLET PORT	CODE C.W. ROT.	CODE C.C.W. ROT.
BLANK	BLANK	AB	AB
1/2"	BLANK	IL	IM
1/2"	1/2"	IR	IR
3/4"	BLANK	IC	ID
3/4"	3/4"	IF	IF
1"	3/4"	IJ	IG
1 1/4"	3/4"	IK	IH
1"	BLANK	YC	YD
1"	1"	YF	YF
1 1/4"	1"	YJ	YG
1 1/4"	BLANK	IA	IB
1 1/4"	1 1/4"	YL	YL
1 1/2"	BLANK	YA	YB
1 1/2"	1 1/4"	YP	YM
1 1/2"	1 1/2"	YR	YR

## (SIDE PORTED UNITS OD TUBE THREAD)

INLET PORT	OUTLET PORT	CODE C.W. ROT.	CODE C.C.W. ROT.
3/4"	BLANK	EC	ED
3/4"	3/4"	EF	EF
1"	3/4"	EJ	EG
1 1/4"	3/4"	EK	EH
1 1/2"	3/4"	IP	IN
7/8"	BLANK	EZ	EZ
1"	7/8"	EM	EL
1"	BLANK	AC	AD
1"	1"	AF	AF
1 1/4"	1"	AJ	AG
1 1/2"	1"	AK	AH
1 1/4"	BLANK	AA	AO
1 1/4"	1 1/4"	AL	AL
1 1/2"	1 1/4"	AP	AM
1 1/2"	BLANK	AE	AU
1 1/2"	1 1/2"	AR	AR

## (SIDE PORTED UNITS SPLIT FLANGE)

INLET PORT	OUTLET PORT	CODE C.W. ROT.	CODE C.C.W. ROT.
3/4"	BLANK	UC	UD
3/4"	3/4"	UF	UF
1"	3/4"	UJ	UG
1 1/4"	3/4"	UK	UH
1"	BLANK	OC	OD
1"	1"	OF	OF
1 1/4"	1"	OJ	OG
1 1/2"	1"	OK	OH
1 1/4"	BLANK	OA	OB
1 1/4"	1 1/4"	OL	OL
1 1/2"	1 1/4"	OP	OM
1 1/2"	BLANK	OE	OU
1 1/2"	1 1/2"	OR	OR
2"	1"	UQ	BALNK
2"	1 1/4"	OQ	ON
2"	1 1/2"	OV	OS
2"	2"	OX	OX
2 1/2"	1 1/4"	US	UN
2 1/2"	1 1/2"	OW	OT
2 1/2"	2"	OZ	OY

## NPTF THREAD

NPTF PIPE SIZE	Tap drill for taper reaming		Min. tap drill depth (STD. tap)
	DIA	Size	
1/16-27	.2188	7/32	.560
1/8-27	.3125	5/16	.560
1/4-18	.4062	13/32	.810
3/8-18	.5469	35/64	.810
1/2-14	.6562	21/32	1.060
3/4-14	.8750	7/8	1.060
1-11 1/2	1.1094	1 7/64	1.250
1 1/4-11 1/2	1.4531	1 29/64	1.310
1 1/2-11 1/2	1.6875	1 11/16	1.310

## SAE STRAIGHT THREAD

Dash Size	ODT in.	d1 Thd. Size in.	L4 Min Full Thd
-4	1/4	7/16-20 UNF-2B	.394
-6	3/8	9/16-18 UNF-2B	.500
-8	1/2	3/4-16 UNF-2B	.563
-10	5/8	7/8-14 UNF-2B	.658
-12	3/4	1 1/16-12 UN-2B	.748
-16	1	1 5/16-12 UN-2B	.748
-20	1 1/4	1 5/8-12 UN-2B	.748
-24	1 1/2	1 7/8-12 UN-2B	.748

## FLANGE CONNECTION

Nominal Flange Size, in.	Flange Dash Size	A +0.00 in	Q +0.010 in	GG +0.010 in	AA Min in.
1/2	-8	0.50	1.500	0.688	0.94
3/4	-12	0.75	1.875	0.875	0.88
1	-16	1.00	2.062	1.031	0.88
1 1/4	-20	1.25	2.312	1.188	1.12
1 1/2	-24	1.50	2.750	1.406	1.06
2	-32	2.00	3.062	1.688	1.06
2 1/2	-40	2.50	3.500	2.000	1.19

