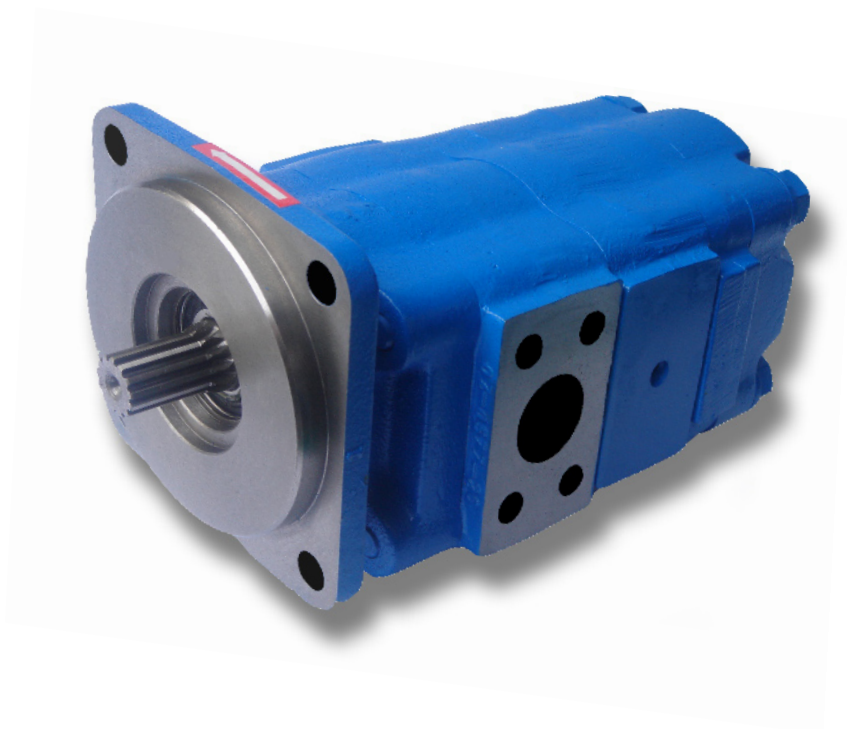


3100 系列

齿轮泵及马达

PUMPS AND MOTORS

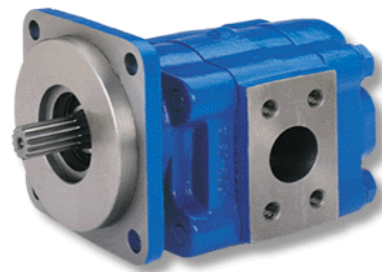


高压滚动轴承齿轮泵及马达

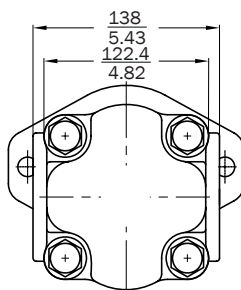
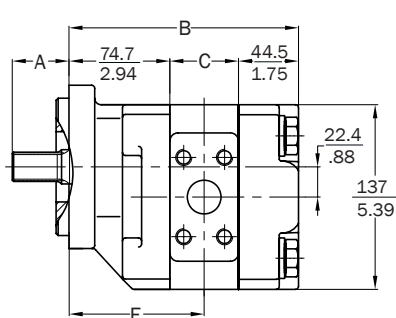
HIGH PRESSURE ROLLER BEARING PUMPS AND MOTORS

特点

- 本系列高压齿轮泵最高压力可达25MPa
- 排量从16.4ml/r-65.5ml/r
- 泵和马达均有多种联接形式，联接尺寸符合SAE标准
- 可按用户要求设计成单联泵或多联泵



3100系列尺寸数据 (mm/in) DIMENSIONAL DATA (mm/in)



A. SAE "B" shaft shown, other shafts available
图示为SAE"B"轴伸, 轴伸型式有多种选择

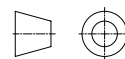
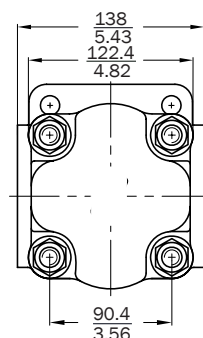
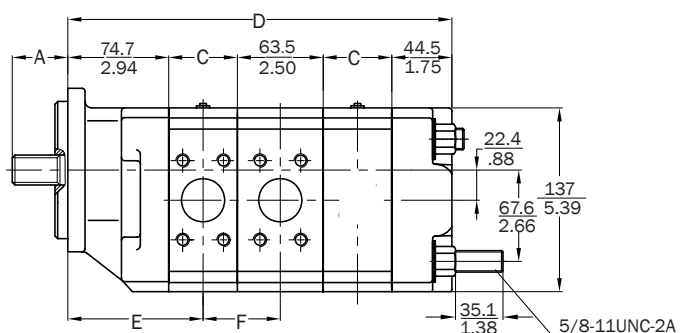
B. 5.44" plus gear width
138.3 mm + 齿轮宽度

C. 0.75" plus gear width
19.1 mm + 齿轮宽度

D. 8.69" plus total gear width
220.9 mm + 总齿轮宽度

E. 3.32" plus half front gear width
84.25 mm + 前齿轮宽度的一半

F. 1.625" plus half front gear width
41.3mm + 前齿轮宽度的一半



性能 PERFORMANCE

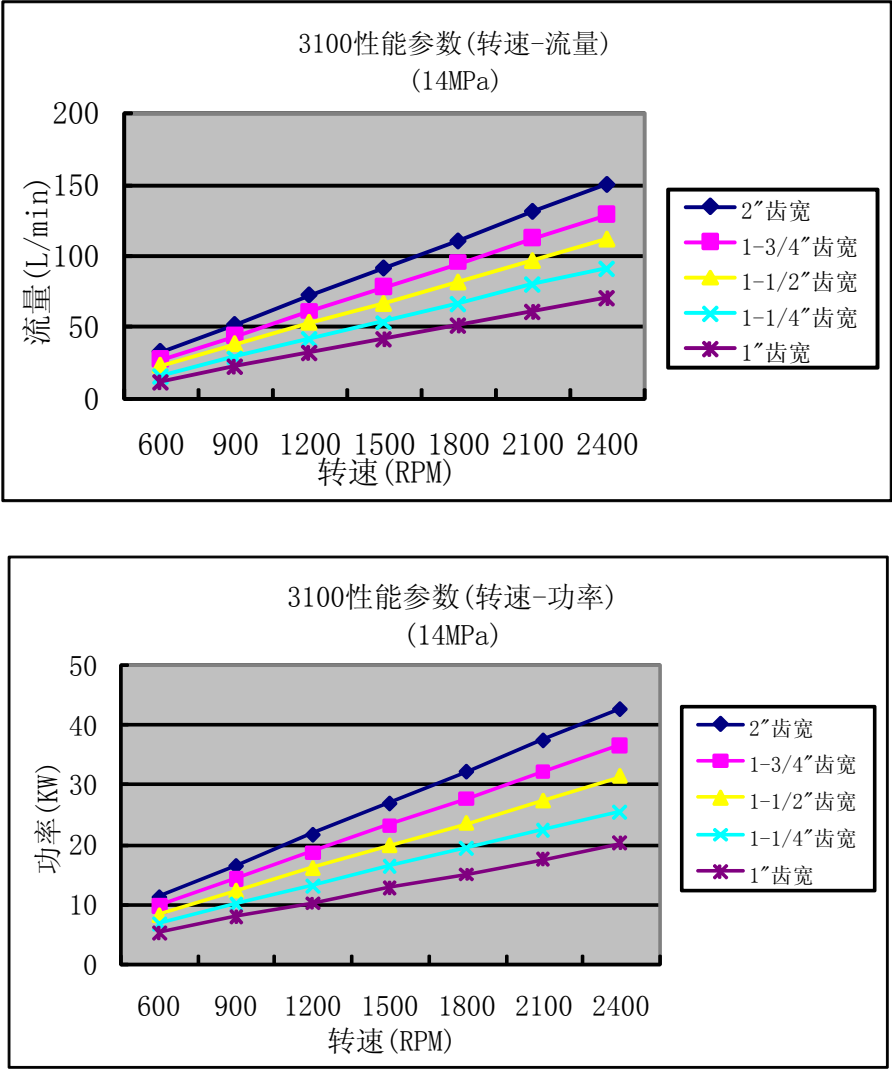
齿轮泵 Gear Pumps

Displacement 排量	Gear Width 齿宽	Rated Pressure 额定压力	Max Pressure 最高压力	Working Speed RPM 工作转速 转/分	Input Power 输入功率
ml/rev	Inch 英寸	MPa	MPa	Max 最高 Min 最低	KW
16.4	1/2"	21	25	2400 600	14.6
24.6	3/4"	21	25	2400 600	21.8
32.8	1"	21	25	2400 600	29.0
41.0	1-1/4"	21	25	2400 600	36.3
49.2	1-1/2"	21	25	2400 600	43.5
57.3	1-3/4"	18	21	2400 600	43.4
65.5	2"	18	21	2400 600	49.6

齿轮马达 Gear Motors

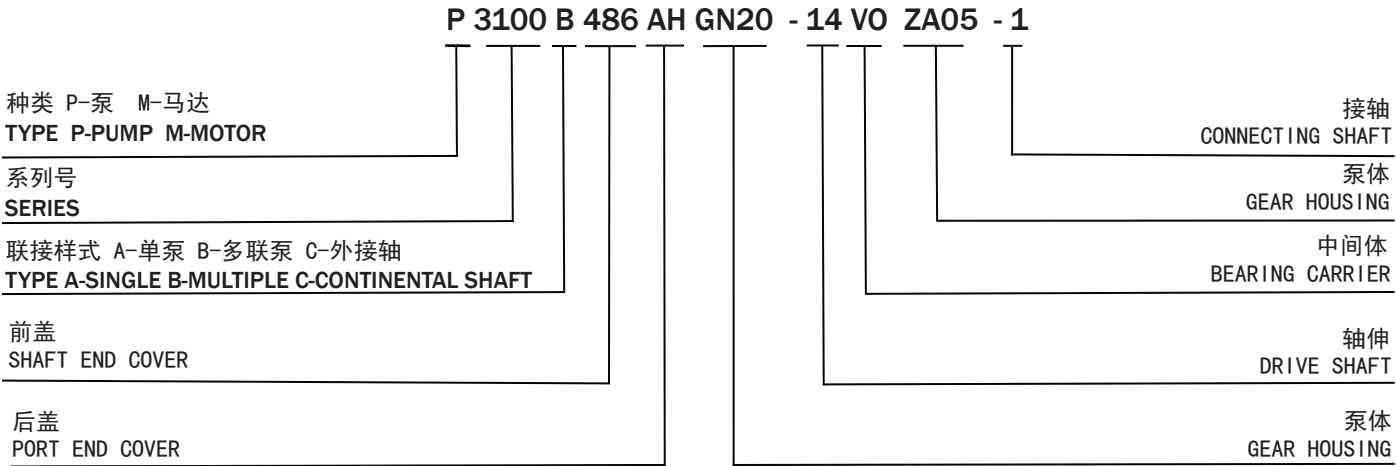
Displacement 排量	Input Flow 输入流量 2000 RPM	Gear Width 齿宽	Rated Pressure 额定压力	Max Pressure 最高压力	Output Speed RPM 输出转速 转/分	Output Power 2000 RPM 输出功率	Output Torque 输出扭矩
ml/rev	LPM	Inch 英寸	MPa	MPa	Max 最高 Min 最低	KW	N-m
16.4	36.4	1/2"	21	25	2200 600	10.3	49.3
24.6	54.7	3/4"	21	25	2200 600	15.5	73.9
32.8	72.9	1"	21	25	2200 600	20.7	98.6
41.0	91.1	1-1/4"	21	25	2200 600	25.8	123.2
49.2	109.3	1-1/2"	21	25	2200 600	31.0	147.9
57.3	127.3	1-3/4"	18	21	2200 600	30.9	147.6
65.5	145.6	2"	18	21	2200 600	35.4	168.8

性能曲线 PERFORMANCE CURVE



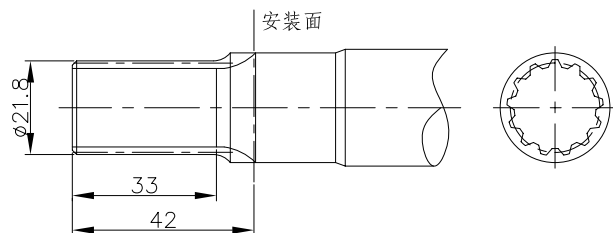
*: 性能曲线是基于一系列试验结果汇总得出的，其数值并不代表单独一台产品的性能。
*:Performance date given is based on a series of test and is representative of any one unit.

标准型号说明 STANDARD MODEL IDENTIFICATION



3100轴伸型式 3100 DRIVE SHAFTS

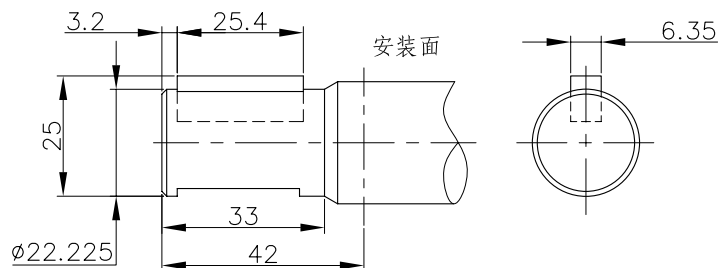
CODE 14



轴伸型式:
SAE B 13齿渐开线外花键
DP: 16/32 压力角: 30°

DRIVE SHAFT;
SPLINED SAE B (13 TEETH)
DP: 16/32 PRESSURE ANGLE: 30°

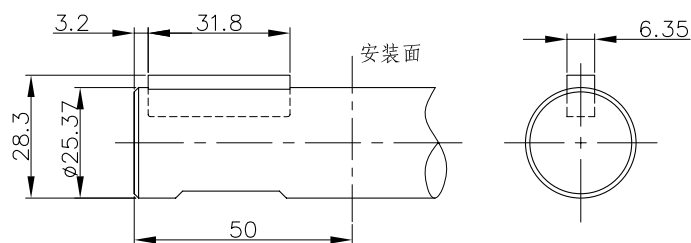
CODE 29



轴伸型式:
SAE B 平键
键: 1/4" (W) X 3/8" (H) X 1" (L)

DRIVE SHAFT;
KEYED SAE B
KEY: 1/4" (W) X 3/8" (H) X 1" (L)

CODE 32



轴伸型式: 平键
键: 1/4" (W) X 3/8" (H) X 1-1/4" (L)

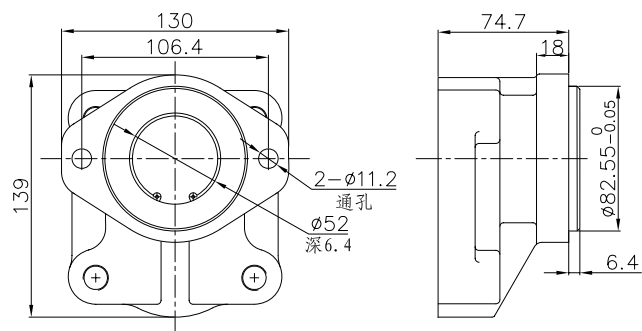
DRIVE SHAFT: KEYED
KEY: 1/4" (W) X 3/8" (H) X 1-1/4" (L)

3100前盖型式 3100 SHAFT END COVERS

SAE A-2孔

SAE A-2 BOLT

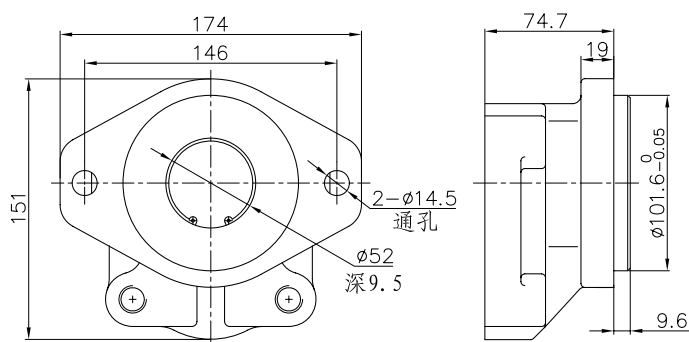
旋向 Rotation		外置轴承 Shaft bearing	
		有With	无Without
泵 Pump	右旋C/W	383	083
	左旋C/C	483	183
	双向BR	583	283
马达Motor	双向BR	783	883



SAE B-2孔

SAE B-2 BOLT

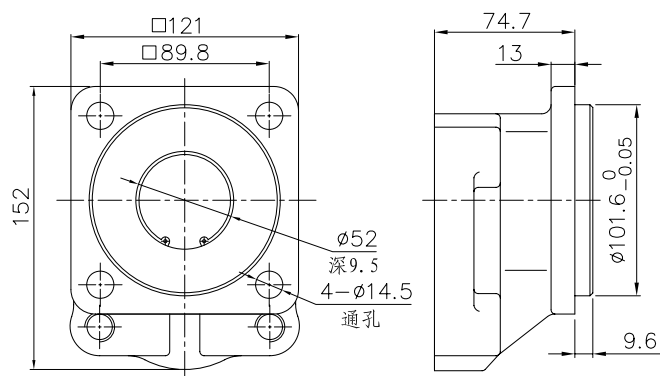
旋向 Rotation		外置轴承 Shaft bearing	
		有With	无Without
泵 Pump	右旋C/W	386	086
	左旋C/C	486	186
	双向BR	586	286
马达Motor	双向BR	786	886



SAE B-4孔

SAE B-4 BOLT

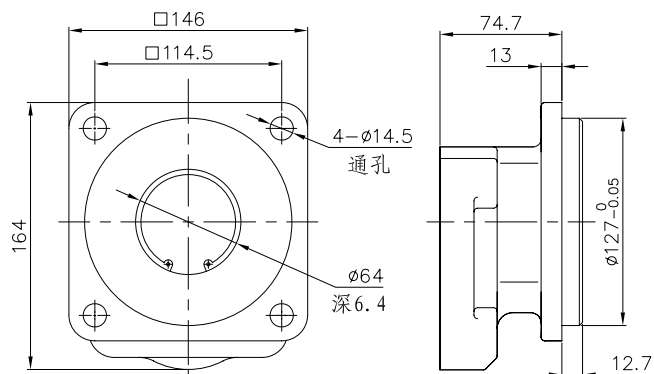
旋向 Rotation		外置轴承 Shaft bearing	
		有With	无Without
泵 Pump	右旋C/W	331	031
	左旋C/C	431	131
	双向BR	531	231
马达Motor	双向BR	731	831



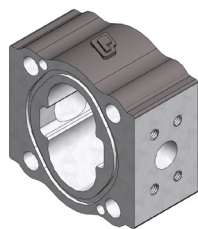
SAE C-4孔

SAE C-4 BOLT

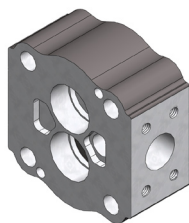
旋向 Rotation		外置轴承 Shaft bearing	
		有With	无Without
泵 Pump	右旋C/W	367	067
	左旋C/C	467	167
	双向BR	567	267
马达Motor	双向BR	767	867



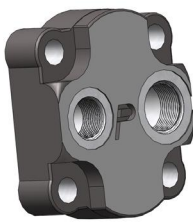
3100系列产品开油口的零部件主要有：
PARTS WITH PORTING OF 3100 SERIES:



泵体

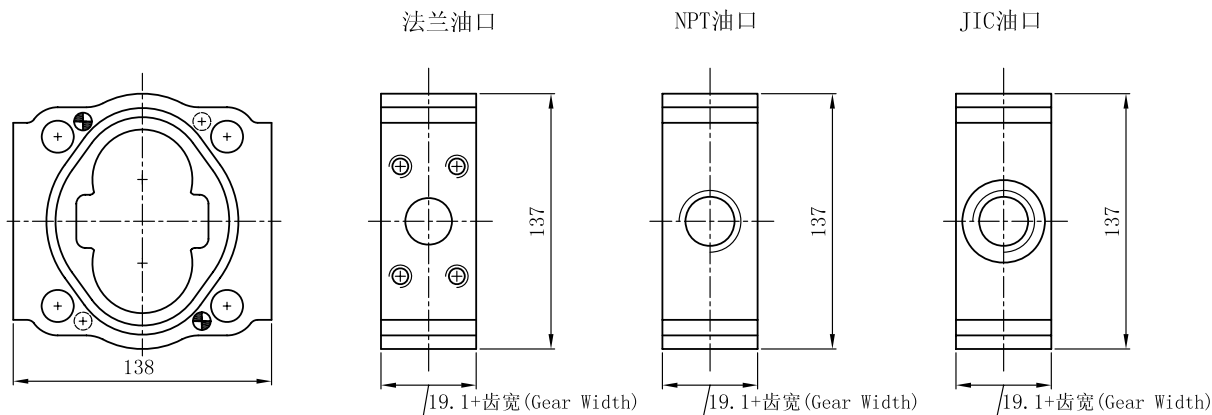


中间体



后盖

3100泵体油口代码 3100 GEAR HOUSING PORING CODE



3100泵体油口代码 3100 GEAR HOUSING PORING CODE

NPT PORTING CODE

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	1-1/4	HA
3/4	/	HB
/	3/4	HC
3/4	3/4	HE
3/4	1	HF
1	3/4	HI
1/2	/	HK
/	1/2	HL
1/2	1/2	HQ
1-1/4	/	HZ
/	1-1/2	XA
1	/	XB
/	1	XC
1	1	XE
1	1-1/4	XF
1-1/4	1	XI
1-1/4	1-1/4	XK
1-1/4	1-1/2	XL
1-1/2	1-1/4	XO
1-1/2	/	XZ

MST PORTING CODE

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
1	1	BL
3/4	/	DM
/	1	DQ
3/4	3/4	DR
3/4	1	DS
3/4	1-1/4	DT
1	3/4	DU
1-1/4	3/4	DV
1-1/4	1	DW
1-1/2	/	DX
1	1-1/2	GZ
1	/	MK
1-1/4	1-1/4	OZ
/	3/4	SP
/	1-1/2	SZ
/	1-1/4	TZ
1	1-1/4	UD
1-1/2	1	UZ

BSPP PORTING CODE

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
1	1-1/2	GV
/	1-1/2	HS
1-1/4	1	HW
1-1/2	/	HX
1	1	LO
1-1/4	/	MI
1-1/4	1-1/4	OE
/	1	QP
1	/	RK
/	1-1/4	TH
1-1/2	1	UH
1	1-1/4	UX
3/4	/	XM
/	3/4	XP
3/4	3/4	XR
3/4	1	XS
3/4	1-1/4	XT
1	3/4	XU
1-1/4	3/4	XV

3100泵体油口代码 3100 GEAR HOUSING PORING CODE

JIC PORTING CODE

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
3/4	/	DB
/	3/4	DC
3/4	3/4	DE
3/4	1	DF
3/4	1-1/4	DG
1	3/4	DI
1-1/4	3/4	DJ
7/8	1	DK
1	7/8	DL
7/8	/	DY
3/4	1-1/2	HM
1-1/2	3/4	HO
1	/	ZB
/	1	ZC
1-1/2	/	ZD
1	1	ZE
1	1-1/4	ZF
1	1-1/2	ZG
1-1/4	1	ZI
1-1/2	1	ZJ
1-1/4	1-1/4	ZK
1-1/4	1-1/2	ZL
/	1-1/4	ZN
1-1/2	1-1/4	ZO
/	1-1/2	ZT
1/2	1/2	ZW
/	1/2	ZX
1/2	/	ZY
1-1/4	/	ZZ

MSF PORTING CODE

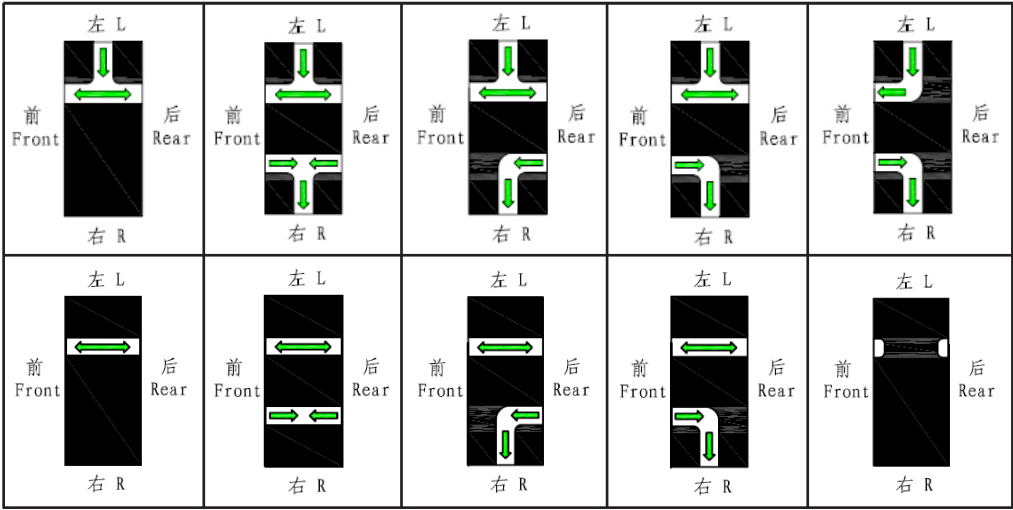
油口 (Porting)		代码 CODE
左 (L)	右 (R)	
1	1-1/2	GN
1-1/4	/	MN
1-1/4	1-1/4	ON
1-1/4	1-1/2	PN
3/4	1-1/4	QT
1	3/4	QU
1-1/4	3/4	QV
1-1/2	1-1/4	RN
/	1-1/2	SN
1	/	TK
1	1	TL
/	1-1/4	TN
/	1	TQ
1-1/4	1	TW
1-1/2	/	TX
3/4	/	UM
1-1/2	1	UN
/	3/4	UP
3/4	3/4	UR
3/4	1	US
1	1-1/4	UT

SF PORTING CODE

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	ZA
/	1-1/4	NA
1	/	NB
/	1	NC
1-1/2	/	ND
1	1	NE
1	1-1/4	NF
1	1-1/2	NG
1-1/4	1	NI
1-1/2	1	NJ
1-1/4	1-1/4	NK
1-1/4	1-1/2	NL
1-1/2	1-1/4	NO
/	1-1/2	NT
1-1/4	/	NZ
1	2	TA
3/4	/	TB
/	3/4	TC
3/4	3/4	TE
3/4	1	TF
3/4	1-1/4	TG
1	3/4	TI
1-1/4	3/4	TJ
2	1	TP

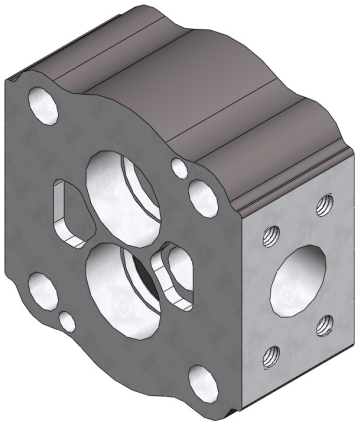
3100中间体油口型式 3100 BEARING CARRIERS PORTING TYPE

中间体油路截面形式 BEARING CARRIERS FLOW SECTIONS



3100马达中间体油口代码 3100 MOTOR BEARING CARRIERS PORTING CODE

油口（Porting）		代码 CODE	油口类型 TYPE
左（L）	右（R）		
/	/	A	
1-T	1-T	DD	BSPP
1-1/4-T	1-1/4-T	FF	BSPP
1-T	1-T	BB	JIC
1-1/4-T	1-1/4-T	AA	JIC
1-1/2-T	1-1/2-T	EE	JIC
1-T	1-T	JJ	MST
1-1/4-T	1-1/4-T	II	MST
1-T	1-T	SS	NPT
1-T	1-T	QQ	MSF
1-1/4-T	1-1/4-T	RR	MSF
1-T	1-T	KK	SF
1-1/4-T	1-1/4-T	LL	SF
1-1/2-T	1-1/2-T	MM	SF



3100泵中间体油口代码 3100 PUMP BEARING CARRIERS CODE

BSPP PORTING

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	A
T	/	B
1-T	3/4-B	BS
1-T	/	BW
/	T	C
1-1/4-T	3/4-B	CS
1-1/4-T	1-B	CU
1-1/4-T	/	CW
1-1/2-T	3/4-B	ES
1-1/2-T	1-B	EU
1-1/2-T	/	EW
1-T	3/4-F	FL
1-1/4-T	3/4-F	GL
1-1/4-T	1-F	GM
T	3/4-B	KS
3/4-F	1-T	LF
3/4-F	1-1/4-T	LG
3/4-F	1-1/2-T	LV
1-F	1-1/4-T	MG
3/4-B	1-B	MO
1-F	1-1/2-T	MV
1-B	3/4-B	OM
1-F	3/4-F	RW
3/4-B	1-T	SB
3/4-B	1-1/4-T	SC
3/4-B	1-1/2-T	SE
3/4-B	T	SK
1-B	1-1/4-T	UC
1-B	1-1/2-T	UE
1-1/2-T	3/4-F	VL
1-1/2-T	1-F	VM
/	1-T	WB
/	1-1/4-T	WC
/	1-1/2-T	WE
3/4-F	1-F	WR

JIC PORTING

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	A
/	1-T	AB
/	1-1/4-T	AC
/	1-1/2-T	AE
T	/	B
1-T	/	BA
1-T	3/4-B	BI
1-T	3/4-F	BQ
/	T	C
1-1/4-T	/	CA
1-1/4-T	3/4-B	CI
1-1/4-T	1-B	CJ
1-1/4-T	3/4-F	CQ
1-1/4-T	1-F	CR
1-1/2-T	/	EA
1-1/2-T	3/4-B	EI
1-1/2-T	1-B	EJ
1-1/2-T	1-F	ER
3/4-B	1-T	IB
3/4-B	1-1/4-T	IC
3/4-B	1-1/2-T	IE
3/4-B	1-B	IJ
1-B	1-1/4-T	JC
1-B	1-1/2-T	JE
1-B	3/4-B	JI
1-B	1-B	JL
1-F	3/4-F	JW
1-F	1-F	LJ
3/4-F	1-T	QB
3/4-F	1-1/4-T	QC
3/4-F	1-1/2-T	QE
1-F	1-1/4-T	RC
1-F	1-1/2-T	RE
3/4-F	1-F	WJ

MSF PORTING

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	A
T	/	B
1-T	/	BG
1-B	1-1/4-T	BC
1-B	1-1/2-T	BE
1-T	3/4-B	BV
/	T	C
1-1/4-T	1-B	CB
1-1/4-T	/	CG
1-1/4-T	3/4-B	CV
1-1/2-T	1-B	EB
1-1/2-T	/	EG
1-1/2-T	3/4-B	EV
1-T	3/4-F	FP
/	1-T	GB
/	1-1/4-T	GC
/	1-1/2-T	GE
1-1/4-T	3/4-F	GP
1-1/4-T	1-F	GR
T	3/4-B	OV
1-F	3/4-F	OW
3/4-F	1-T	PF
3/4-F	1-1/4-T	PG
3/4-F	1-1/2-T	PV
1-F	1-1/4-T	RG
1-B	3/4-B	RS
1-F	1-1/2-T	RV
3/4-B	1-B	SR
3/4-B	1-T	VB
3/4-B	1-1/4-T	VC
3/4-B	1-1/2-T	VE
3/4-B	T	VO
1-1/2-T	3/4-F	VP
1-1/2-T	1-F	VR
3/4-F	1-F	WO

3100泵中间体油口代码 3100 PUMP BEARING CARRIERS CODE

MST PORTING

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	A
T	/	B
1-T	3/4-B	BY
1-T	/	BK
/	T	C
1-1/4-T	3/4-B	CY
1-1/4-T	1-B	CM
1-1/4-T	/	CK
1-1/2-T	3/4-B	EY
1-1/2-T	1-B	EM
1-1/2-T	/	EK
1-T	3/4-F	FS
1-1/4-T	3/4-F	GS
1-1/4-T	1-F	GU
1-B	3/4-B	JK
/	1-T	KB
/	1-1/4-T	KC
/	1-1/2-T	KE
3/4-B	1-B	KJ
1-B	1-1/4-T	MC
1-B	1-1/2-T	ME
1-F	3/4-F	OU
3/4-F	1-T	SF
3/4-F	1-1/4-T	SG
3/4-F	1-1/2-T	SV
1-F	1-1/4-T	UG
3/4-F	1-F	UO
1-F	1-1/2-T	UV
1-1/2-T	3/4-F	VS
1-1/2-T	1-F	VU
3/4-B	1-T	YB
3/4-B	1-1/4-T	YC
3/4-B	1-1/2-T	YE

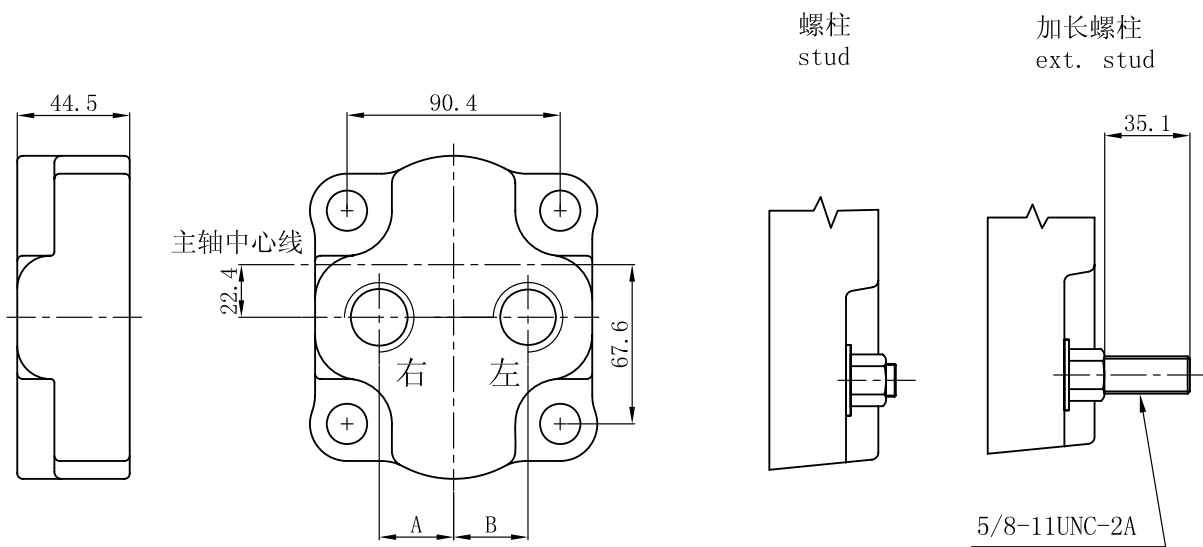
SF PORTING

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	A
/	1-T	AK
/	1-1/4-T	AL
/	1-1/2-T	AM
T	3/4-B	AQ
T	/	B
/	T	C
1-T	/	KA
1-T	3/4-B	KQ
1-T	3/4-F	KW
1-1/4-T	/	LA
1-1/4-T	3/4-B	LQ
1-1/4-T	1-B	LR
1-1/4-T	3/4-F	LW
1-1/4-T	1-F	LY
1-1/2-T	/	MA
1/2-T	3/4-B	MQ
1-1/2-T	1-B	MR
1-1/2-T	1-F	MY
3/4-B	T	QA
3/4-B	1-T	QK
3/4-B	1-1/4-T	QL
3/4-B	1-1/2-T	QM
3/4-B	1-B	QR
1-F	3/4-F	QY
1-B	1-1/4-T	RL
1-B	1-1/2-T	RM
1-B	3/4-B	RQ
3/4-F	1-T	WK
3/4-F	1-1/4-T	WL
3/4-F	1-1/2-T	WM
1-F	1-1/4-T	YL
1-F	1-1/2-T	YM
3/4-F	1-F	YQ

NPT PORTING

油口 (Porting)		代码 CODE
左 (L)	右 (R)	
/	/	A
/	1-T	AS
/	1-1/4-T	AU
T	/	B
/	T	C
3/4-F	1-T	IS
3/4-F	1-1/4-T	IU
1-F	1-1/4-T	JU
3/4-F	1-F	RY
1-T	/	SA
1-T	3/4-F	SI
1-T	3/4-B	SW
1-1/4-T	/	UA
1-1/4-T	3/4-F	UI
1-1/4-T	1-F	UJ
1-1/4-T	3/4-B	UW
1-1/4-T	1-B	UY
3/4-B	1-T	WS
3/4-B	1-1/4-T	WU
3/4-B	1-B	WY
1-F	3/4-F	YR
1-B	1-1/4-T	YU
1-B	3/4-B	YW

3100后盖油口代码 3100 PORT END COVER PORTING CODE



油口=3/4"时, A=B=31.8; 油口=1"时, A=B=34.9

BSPP PORTING

油口 (Porting)		代码 CODE	备注 REMARK
左 (L)	右 (R)		
/	/	AD	SINGLE
/	/	AH	MULT
/	/	AX	MULT XSD
3/4	/	VD	SINGLE
3/4	/	VE	MULT
3/4	/	VX	MULT XSD
/	3/4	WD	SINGLE
/	3/4	WE	MULT
/	3/4	WX	MULT XSD
3/4	3/4	JD	SINGLE
3/4	3/4	JH	MULT
3/4	3/4	JX	MULT XSD

MST PORTING

油口 (Porting)		代码 CODE	备注 REMARK
左 (L)	右 (R)		
/	/	AD	SINGLE
/	/	AH	MULT
/	/	AX	MULT XSD
3/4	/	MA	SINGLE
3/4	/	MB	MULT
3/4	/	MC	MULT XSD
/	3/4	OD	SINGLE
/	3/4	OE	MULT
/	3/4	OX	MULT XSD
3/4	3/4	PD	SINGLE
3/4	3/4	PH	MULT
3/4	3/4	PX	MULT XSD
1	3/4	QD	SINGLE
1	3/4	QH	MULT
1	3/4	QX	MULT XSD
3/4	1	RD	SINGLE
3/4	1	RH	MULT
3/4	1	RX	MULT XSD

3100后盖油口代码 3100 PORT END COVER PORTING CODE

JIC PORTING

油口 (Porting)		代码 CODE	备注 REMARK
左 (L)	右 (R)		
/	/	AD	SINGLE
/	/	AH	MULT
/	/	AX	MULT XSD
3/4	/	BD	SINGLE
3/4	/	BH	MULT
3/4	/	BX	MULT XSD
/	3/4	CD	SINGLE
/	3/4	CH	MULT
/	3/4	CX	MULT XSD
3/4	3/4	ED	SINGLE
3/4	3/4	EH	MULT
3/4	3/4	EX	MULT XSD
1	3/4	FD	SINGLE
1	3/4	FH	MULT
1	3/4	FX	MULT XSD
3/4	1	GD	SINGLE
3/4	1	GH	MULT
3/4	1	GX	MULT XSD
1	1	ID	SINGLE
1	1	IH	MULT
1	1	IX	MULT XSD
3/4	1-1/4	VP	SINGLE
3/4	1-1/4	VQ	MULT
3/4	1-1/4	VR	MULT XSD
1-1/4	3/4	KS	SINGLE
1-1/4	3/4	KT	MULT
1-1/4	3/4	KU	MULT XSD
1	1-1/4	HP	SINGLE
1	1-1/4	HQ	MULT
1	1-1/4	HR	MULT XSD

JIC PORTING

油口 (Porting)		代码 CODE	备注 REMARK
左 (L)	右 (R)		
1-1/4	1	MP	SINGLE
1-1/4	1	MQ	MULT
1-1/4	1	MR	MULT XSD
1-1/4	1-1/4	NP	SINGLE
1-1/4	1-1/4	NQ	MULT
1-1/4	1-1/4	NR	MULT XSD
1-1/4	/	CE	SINGLE
1-1/4	/	CM	MULT
1-1/4	/	CN	MULT XSD
/	1-1/4	DE	SINGLE
/	1-1/4	DL	MULT
/	1-1/4	DM	MULT XSD
1-1/4	7/8	LS	SINGLE
1-1/4	7/8	LT	MULT
1-1/4	7/8	LU	MULT XSD
1-1/4	1-1/4	NM	REAR SINGLE
1-1/4	1-1/4	NN	REAR MULT
1-1/4	1-1/4	NO	REAR XSD
1	1-1/4	HM	REAR SINGLE
1	1-1/4	HN	REAR MULT
1	1-1/4	HO	REAR XSD
1-1/4	1	MM	REAR SINGLE
1-1/4	1	MN	REAR MULT
1-1/4	1	MO	REAR XSD
1-1/4	3/4	KP	REAR SINGLE
1-1/4	3/4	KQ	REAR MULT
1-1/4	3/4	KR	REAR XSD
3/4	1-1/4	VM	REAR SINGLE
3/4	1-1/4	VN	REAR MULT
3/4	1-1/4	VO	REAR XSD
1-1/4	7/8	LP	REAR SINGLE
1-1/4	7/8	LQ	REAR MULT
1-1/4	7/8	LR	REAR XSD
/	1-1/4	DA	REAR SINGLE
/	1-1/4	DB	REAR MULT
/	1-1/4	DC	REAR XSD
1-1/4	/	CA	REAR SINGLE
1-1/4	/	CB	REAR MULT
1-1/4	/	CC	REAR XSD

3100后盖油口代码 3100 PORT END COVER PORTING CODE

NPT PORTING

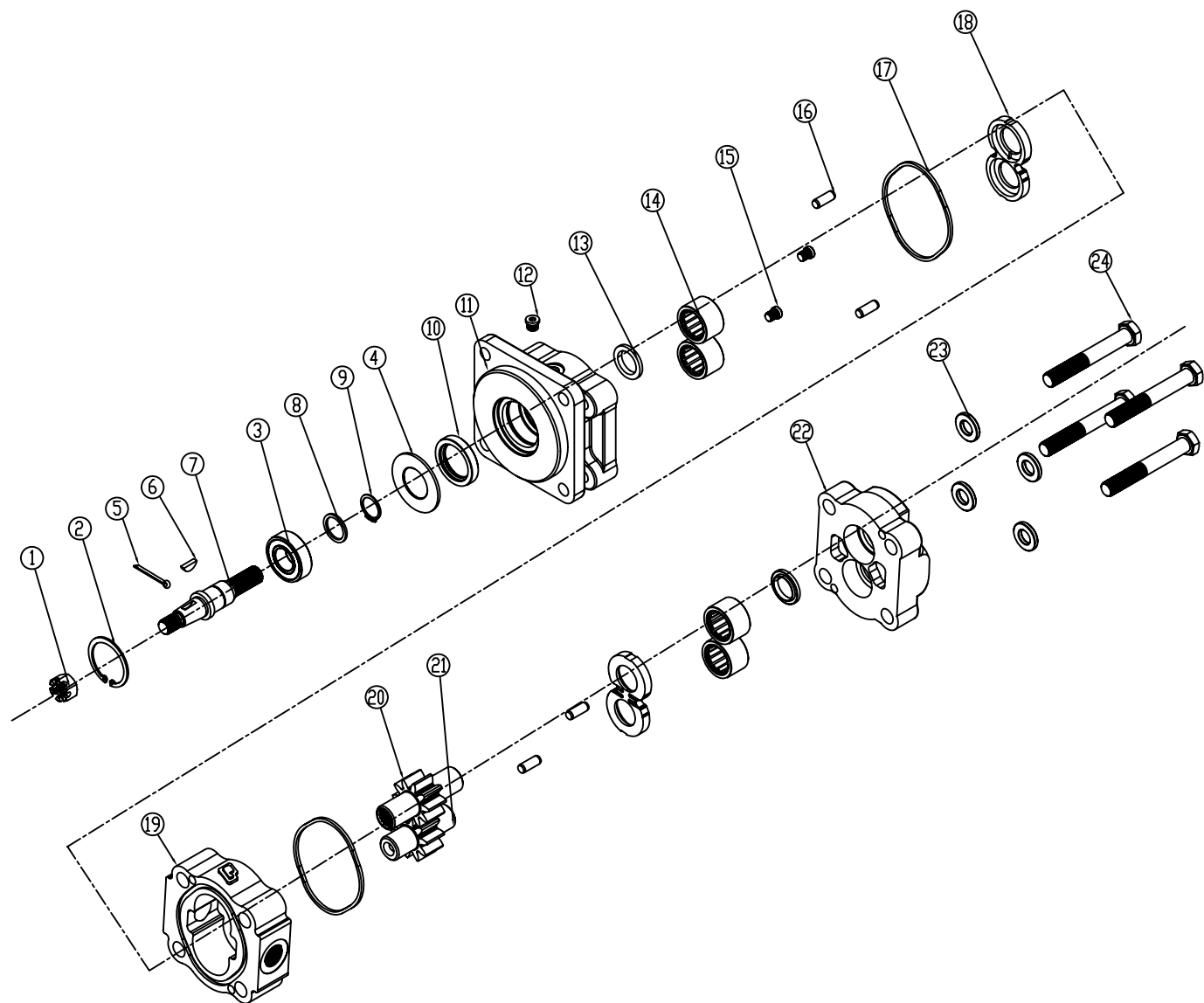
油口 (Porting)		代码 CODE	备注 REMARK
左 (L)	右 (R)		
/	/	AD	SINGLE
/	/	AH	MULT
/	/	AX	MULT XSD
3/4	/	JD	SINGLE
3/4	/	JH	MULT
3/4	/	JX	MULT XSD
/	3/4	KD	SINGLE
/	3/4	KH	MULT
/	3/4	KX	MULT XSD
3/4	3/4	LD	SINGLE
3/4	3/4	LH	MULT
3/4	3/4	LX	MULT XSD
1	3/4	IJ	SINGLE
1	3/4	IK	MULT
1	3/4	IL	MULT XSD
3/4	1	FJ	SINGLE
3/4	1	FK	MULT
3/4	1	FL	MULT XSD
1	1	JJ	SINGLE
1	1	JK	MULT
1	1	JL	MULT XSD
3/4	1-1/4	GJ	SINGLE
3/4	1-1/4	GK	MULT
3/4	1-1/4	GL	MULT XSD
1-1/4	3/4	MI	SINGLE
1-1/4	3/4	MJ	MULT
1-1/4	3/4	MK	MULT XSD
1	1-1/4	KJ	SINGLE
1	1-1/4	KK	MULT
1	1-1/4	KL	MULT XSD
1-1/4	1	NI	SINGLE
1-1/4	1	NJ	MULT
1-1/4	1	NK	MULT XSD
1-1/4	1-1/4	OI	SINGLE
1-1/4	1-1/4	OJ	MULT
1-1/4	1-1/4	OK	MULT XSD
1-1/4	/	XI	SINGLE
1-1/4	/	XJ	MULT
1-1/4	/	XK	MULT XSD
/	1-1/4	YI	SINGLE
/	1-1/4	YJ	MULT
/	1-1/4	YK	MULT XSD

NPT PORTING

油口 (Porting)		代码 CODE	备注 REMARK
左 (L)	右 (R)		
1	/	VI	SINGLE
1	/	VJ	MULT
1	/	VK	MULT XSD
/	1	XI	SINGLE
/	1	XJ	MULT
/	1	XK	MULT XSD
1	1-1/4	KF	REAR SINGLE
1	1-1/4	KG	REAR MULT
1	1-1/4	KI	REAR XSD
1-1/4	1	NF	REAR SINGLE
1-1/4	1	NG	REAR MULT
1-1/4	1	NH	REAR XSD
1-1/4	3/4	ME	REAR SINGLE
1-1/4	3/4	MF	REAR MULT
1-1/4	3/4	MG	REAR XSD
3/4	1-1/4	GF	REAR SINGLE
3/4	1-1/4	GG	REAR MULT
3/4	1-1/4	GI	REAR XSD
1	1	JF	REAR SINGLE
1	1	JG	REAR MULT
1	1	JI	REAR XSD
1-1/4	1-1/4	OF	REAR SINGLE
1-1/4	1-1/4	OG	REAR MULT
1-1/4	1-1/4	OH	REAR XSD
1-1/4	/	XF	REAR SINGLE
1-1/4	/	XG	REAR MULT
1-1/4	/	XH	REAR XSD
/	1-1/4	YF	REAR SINGLE
/	1-1/4	YG	REAR MULT
/	1-1/4	YH	REAR XSD
1	/	VF	REAR SINGLE
1	/	VG	REAR MULT
1	/	VH	REAR XSD
/	1	WF	REAR SINGLE
/	1	WG	REAR MULT
/	1	WH	REAR XSD
1	3/4	IF	REAR SINGLE
1	3/4	IG	REAR MULT
1	3/4	II	REAR XSD
3/4	1	FF	REAR SINGLE
3/4	1	FG	REAR MULT
3/4	1	FI	REAR XSD

3100单马达分解图

EXPLODED VIEW OF 3100 SINGLE MOTOR



1. 螺母 2. 孔用弹性挡圈 3. 外置滚珠轴承 4. 马达垫片 5. 开口销 6. 半圆键
 7. 外接轴 8. 垫片 9. 轴用挡圈 10. 马达油封 11. 前盖 12. 泄油口堵 13. 二次密封环
 14. 滚针轴承 15. 堵油螺钉 16. 圆柱销 17. 方形密封圈 18. 侧板 19. 泵体
 20. 一级主齿 21. 一级从齿 22. 后盖 23. 垫圈 24. 六角头螺栓