



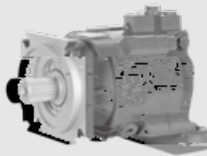
1,2

M7 F(E)SERIES

Swash-plate Type
Axial Piston Fixed Displacement Motor

K5.D&C' qcpgcqu_qf nj_rc_vg_j ngqrm l
k mrmppgq_iglbmd vc l qm _ac c r t mrmpp
u s u c _m ga_r m dmp mnc _lba mqc
a pas s, S cqu_qfm _rc c q e j muq_
amkn_ar l mrmpp u s fge nmucp ,q s ,
S gq qc gcqgq_m ga_` c rmd_p _afglc w
amlqs s r t m k_afglc w_lbg lbsqs qj
tcfga cq,

?nnjw rm mnc l _l b ajmqcb fwbp_sjga agpasgr								
Qpxc	23	33	41	43	53	63	/ . .	/1.
P_rcb npcqgspc	06.-123	2..	2..	06.	2..	2..	2..	2..
&`_p'								
K_vg k s k	13.-2/3	23.	23.	13.	23.	23.	23.	23.
npcqgspc&`_p'								



Contents

Rcaflga_j B_r_	.0
Rwnc gl rpmb sargm l	.1
Kgl ,`mmqr npcqgspc	.4
Npg lajnjc	.4
Glqr_jj_rgm l qpxc	
¶K5.D&C' 23 Glqr_jj_rgm l qpxc	.5
¶K5.D 33 Glqr_jj_rgm l qpxc	//
¶K5.D 41 Glqr_jj_rgm l qpxc	/1
¶K5.DC 43 Glqr_jj_rgm l qpxc	/3
¶K5.D 53 Glqr_jj_rgm l qpxc	/5
¶K5.D 63 Glqr_jj_rgm l qpxc	/7
¶K5.D / . . Glqr_jj_rgm l qpxc	0/
¶K5.D /1. Glqr_jj_rgm l qpxc	01

Features

- High speed operation and smooth starting characteristics:
Mnrq k gxcb pmr_pw ` _j_ lac bcqge l fgef+qnccb
ncpdmp k _lac _l b cvacijc l r pr_qrg le af _p_arcpgqrgaq,
· Low speed operation:
Qsnpcgmp ncpdmp k _lac gl jmu qnccb mncp_rgm l
npmtgbcc cvacijc l r am l rpmjj_` gjgrw,
· Compact size:
Qu_qf nj_rc am l esp_rgm l cl_` jcq rfc k mrmpp rm `c
k saf k mpc am kn_ar,
· Long bearing life:
Qu_qf nj_rc am l esp_rgm l pcqsjrq gl jm lecp `c_pg le jgd c,

Technical Data

[illegible]

Rfcb_r_glrfc_`mtr\_`jcqgrfcrfcmprga_jt_jsc,

```
( / Lm kg l_j npcqqspc amppcqnm l bq rm r f c bcqge l npcqqspc rm npmtgbc _nnpmpqg _rc ncpdmp k _l ac*
ds l argm l*_ l b qcptgac jgdc,
```

(0 Qs k k _rgm l md npcqqs pc ml ? _l b @ nmpr qf _jj `c 34. ` _p mp jcqq,

Type introduction

Product series

Size

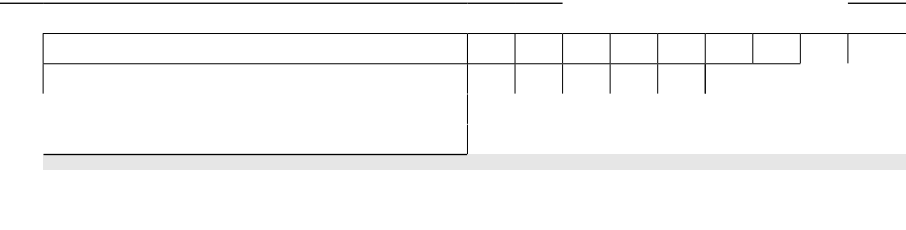
	Qgxc	23	33	41	43	53	63	/ . .	/ 1.
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Speci f cations and positions of the inlet and outlet ports



Type introduction

Thread connection type (except inlet and thread type of Flange Port)



Thread type of Flange Port

Input Shaft

Min.boost pressure

Rm npctclra_tgr_rgmI ufcl rfc kmmp gq mncp_rgle
 gl _ns kngle kmbs*_nmqrgtc npcqqspc gq pcosgpcb
 _r rfc qsargml nmpr,

Rfc espc_`mtc qfmuqr rfc kg lgk sk `mmqr
 npcqqspc pcosgpc kcl r`_qcb ml pcesj_p mncp_rgmI,
 Gl a_qc md_p_ngb af_l ec md rfc mu* kmpc `mmqr
 npcqqspc r " nA - $\frac{1}{2}$ f _ng_

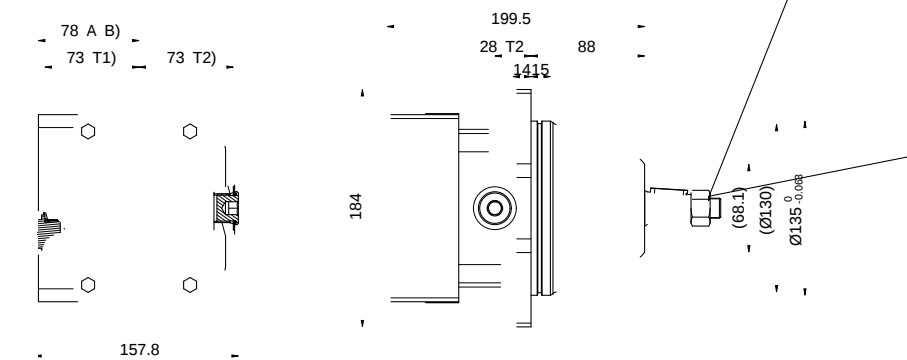


Installation size

- Drain port ,pressure measuring port , inlet port and outlet port

Installation size

M70FE 45 Installation size



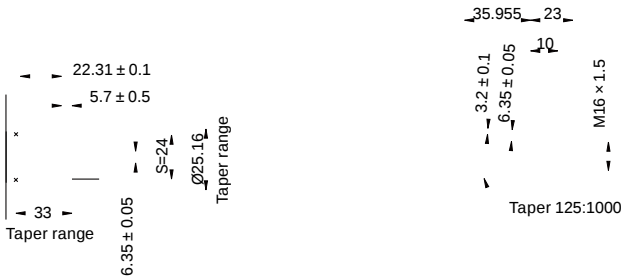
Am l rpmj _ l b Djm u		Mgj b gpcargm l	
		Mgj nmpr ?	Mgj nmpr @
Pmr_rgm l b gpcargm l	Ajma i u ggc pmrsrgm l	Msr	G l jcr
	Ams l rcp ajma i u ggc pmrsrgm l	G l jcr	Msr

Installation size

• M70FE 45 Port details

	Port name	Port size and description
?* @	G l jcr nmp r _ l b Bc jgt cpw nmp r	Q?C H3/6 1-2 K / .
R6* R0	A _qc bp _g l nmp r	GQM // 704 5-6+ /2 SLD+0@

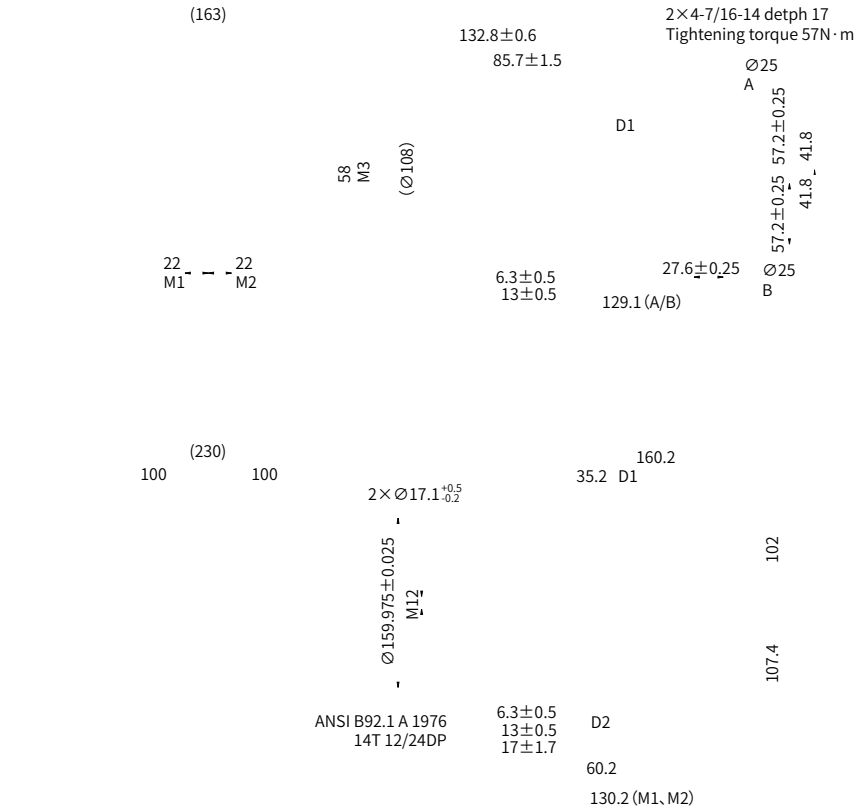
• M70FE 45 Input shaft type



“ D ” type shaft

Installation size

M70FE 55 Installation size



Am l rpmj _ l b Djmu	Mgj b gpcargm l	
	Mgj nmpr ?	Mgj nmpr @
Pmr _ rgm l b gpcargm l	Ajma i u gqc pmrsrgm l	Gl jcr
	Ams l rcp ajma i u gqc pmrsrgm l	Msr

Installation size

· M70FE 55 Port details

R/* R0 Nmpr Bcr_gjq

Nmpr bcr_gjq

Installation size

• Drain port and gauge port

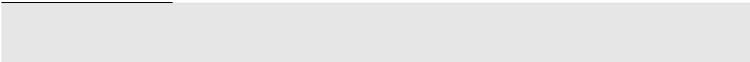
Parallel piping thread type (Code : G)

Metric thread type (Code : M)

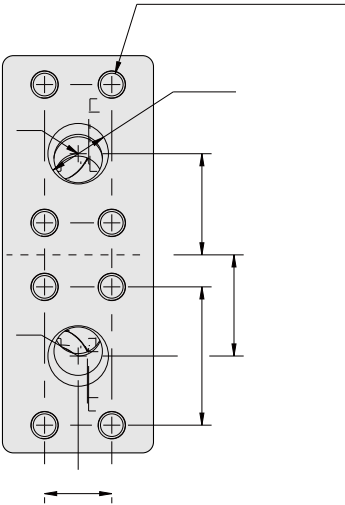
ANSI thread type (Code : A)

• Port details

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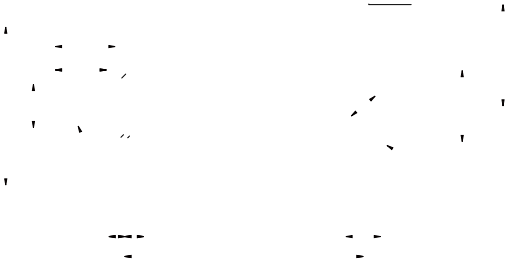






Installation size

M70F 85 Installation size



Installation size

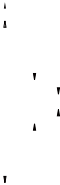
- Drain port and gauge port

- Port details

Installation size

M70F 100 Installation size

umpigle nmprq ? _ l b @* _r `mrm k

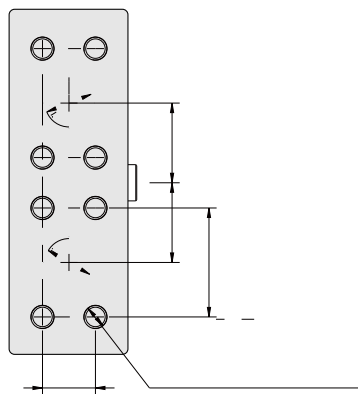


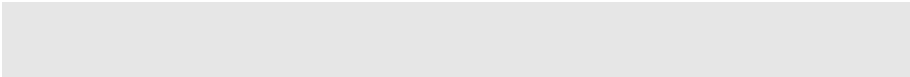
Inlet port	Outlet port	Rotation direction
?	@	Ajma i ugqc
@	?	? l rg+ajma i ugqc

Note: R f c p m r _ r g m l b g p c a r g m l g q j m m i c b

Installation size

· Drain port and gauge port

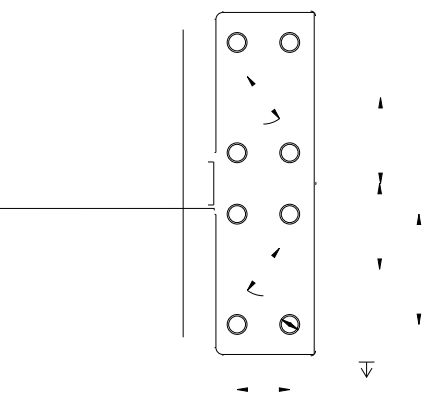




Installation size

• Drain port and gauge port

ANSI thread type (Code : A)





S Fc le jg Fwbp_sjjaq pcr_g l q r f c a m n w p g e f r * r p _ b c k _ p i p g e f r q _ l b m r f c p g l r c j j c a r s _ j n p m n c p r w p g e f r q
g l _ j j a m l r c l r q m d r f g q ` p m a f s p c , L m n \_ p r m d r f g q ` p m a f s p c k _ w ` c p c n p m b s a c b * c b g r c b * b s n j g a _ r c b
m p c j c a r p m l g a _ j j w r p _ l q k g r r c b g l _ l w u _ w u g r f m s r _ s r f m p g q _ r g m l , ? q n p m b s a r q _ p c a m l q r _ l r j w
` c g l e m n r g k g q c b _ l b g l l m t _ r c b * u c b m l m r u _ p p _ l r r f _ r _ j j g l d m p k _ r g m l g q a m k n j c r c j w _ a a s p _ r c *
a m k n j c r c m p s n + r m + b _ r c _ r _ l w n m g l r g l r g k c ,