Overview

R f c FQN k mrmp gq _ npmbsar u gr f g k npmtcb pcjg_ `gjgrw _r r f c q_ k c npcqqspc mu p_rc _q r f c FQB* bcqge l cb dmp _jj i g l bq md rmsef _nnjga_rgm l q u gr f q k _jj g l qr_jj_rgm l qn_ac, Qrpm l ecp g l rcp l _j qnjg l c bcqge l * n_rc l rcb _vg_j ajc_p_ l ac _bhsqr k c l r bcqge l _ l b c l f _ l acb `c_pg l e bcqge l g k npmtcq pcjg_ `gjgrw md FQN qcpgcq k mrmp, Bcqge l cb dmp qm k c aj_qqga rmsef _nnjga_rgm l q jg i c A_ l c+f _p t cqrcp* ?secp pgeq* Km `gjc apsq f cp _ l b U f ccj jm_bcp cra,

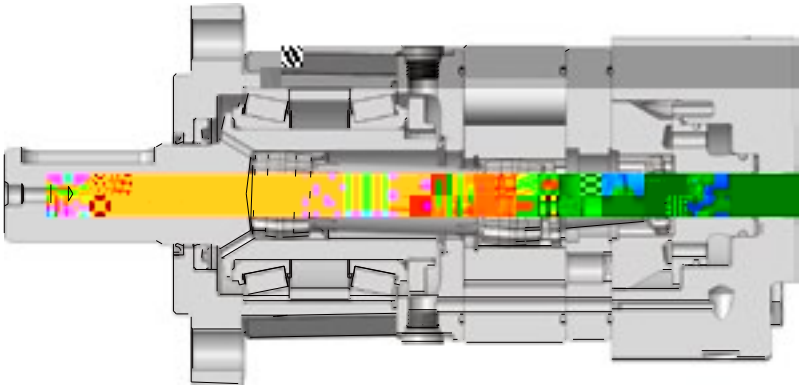
Advantages

´ Sqg l e r_ncpcb pmjjcp g l ^ ä ψ a_

_ ˜ -_p_] Ґ _- γ

Standard structure

HSP Orbital hydraulic motor



Ordering information

FQN	.6.	?1	/	Q1	?	L	?
F	ƒ	ϟ	ϟ	ϡ	ϡ	Ϣ	ϣ

Orbital Hydraulic Series

F	Mp`gr_j Fwbp_sjga Kmrmp	FQN

Type

ƒ	Rwnc	.6.	/..	/03	/4.	0..	01.	03.	1/3	2..	3..

Mount

ϟ	Q?C Rwnc ? 0ÔÕ/1,3 kmslr Õ/.4,2* ngjmr Õ60,3Ô4,/	?1
	Q?C Rwnc ? 2ÔÕ/1,3 kmslr Õ/.4,2* ngjmr Õ60,3Ô4,/	?0
	2ÔK/0Ô/ Qos_pc kmslr Õ60,33* ngjmr Õ22,2Ô1	D4
	4ÔÕ/1,3 K_elcrm kmslr Õ/.4,2* ngjmr Õ60,3Ô0,4	K.
	Ufccjcb 2ÔÕ/1,3 kmslr Õ/25,4* ngjmr Õ/.5,7Ô4,2	U/
	Ufccjcb 2ÔÕ/1,3 kmslr Õ/25,4* ngjmr Õ/.5,7Ô4,2* pmr_rc 23	U2

Port

ϟ	Nmpr E/-0* bp_gl nmpr E/-2	/
	Nmpr 5-6+/2SLD* bp_gl nmpr 5-/4+0.SLD	0
	Nmpr K00Ô/,3* bp_gl nmpr K/2Ô/,3	2
	Nmpr E/-0* bp_gl nmpr E/-2* _r qc_j	F
	Nmpr K00Ô/,3* bp_gl nmpr K/2Ô/,3* M+pgle qc_j	1
	Nmpr / /-/4+/0SLD* bp_gl nmpr 5-/4+0.SLD* M+pgle qc_j* qgbc mgj nmpr	4
	Pc_p nmpr* nmpr 5-6+/2SLD* bp_gl nmpr 5-/4+0.SLD	B
	Nmpr 5-6+/2SLD* bp_gl nmpr 5-/4+0.SLD* pc_p qnccb qclqmp	L
	Nmpr ejmqqw fmjc Õ/0,5* bp_gl nmpr E/-2&CB+pgle qc_j'* ugrf rfpc_bcb 0ÔK/.*glrcpaf_lec_`jc mgj nmpr nmqgrgmlq	O

Output Shaft

ϡ	Õ10 qrp_gefr* n_p_jjcj icw/.Ô6Ô23	Q1
	Õ03,2 qf_dr* qnjglc Q?C 4@	P/
	Õ1/,53 qnjglc /2+BN/0-02	P3
	Õ03,2 qrp_gefr* n_p_jjcj icw 4,13Ô4,13Ô1/,53* aclrcp fmjc /-2+0.SLA	Q/
	Õ1/,53 qrp_gefr* n_p_jjcj icw 5,74Ô5,74Ô1/,53* aclrcp fmjc 1-6+/4SLA	Q3
	Õ1/,53 qnjglc /2+BN/0-02* aclrcp fmjc 1-6+/4SLA* ugrf pcrp_argle epmmtc	P?
	Õ1. 4@ qnjglc* jclerfclgle	PL
	Õ1/,53 r_ncpcb qf_dr* n_p_jjcj icw 5,74Ô5Ô00,4&icwcb n_p_jjcj rm r_ncpcb qf_dr	RL
	Õ1/,53 r_ncpcb qf_dr* n_p_jjcj icw 5,74Ô5,74Ô1/,53&icwcb n_p_jjcj rm r_ncpcb qf_dr	R2

Ordering information

Rotation Direction

₹	AU	?
	AAU	P

Paint Option

Ш	LmN_glr	L
	@j_ai	@
	Fclejg`jsc	A

Special Features

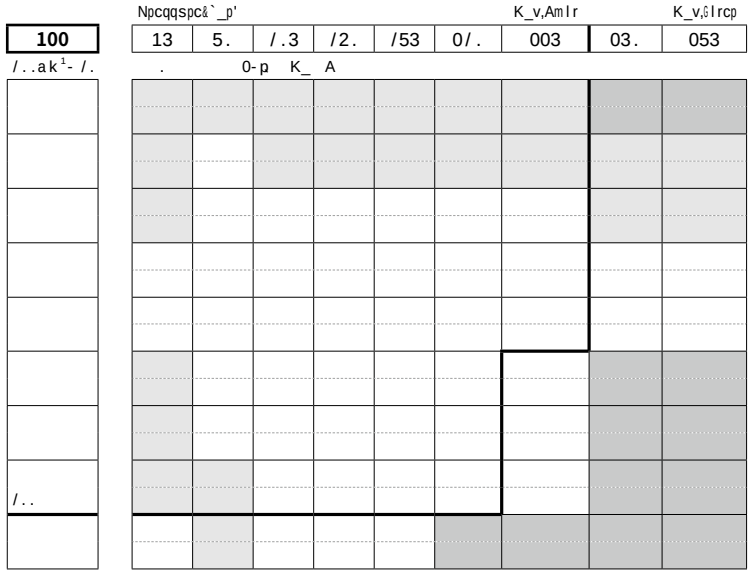
		D4-K.-U/	?0-?1-U2	Ambc
Ш	Qr_lb_pb	¬	¬	?
	Dpccpsllgle	¬	¬	D
	Fgefrcknсp_rspc	¬	¬	T
	Jmurcknсp_rspc	¬	¬	Q
	Fgefnpcqqspcqf_drqc_j	°	¬	A
	Fgefnpcqqspcqf_drqc_j) Bsqramtcp	°	¬	BA
	Kmslrpmr_rgml7.-	¬	¬	P
	Qnccbqclqmp*BR.2+2Namllcarmp	¬	¬	Q0

T-0135

Note: ¬ ;?t_gj_`jc9° ;?t_gj_`jcmlpcoscqr Ufcl sqgle rfc mpbcpgldmpk_rgml*rfc sqcpa_lqcjcar rfc krmrmpqcpgcq*bgqnj_ackclr*glqr_jj_rgmldj_lec*nmpr*qf_dr_lbmrfcpgldmpk_rgml,6drfcqcjcarcb qncag a_rgmlgq lmrglrfcr_`jcmpf_qqncag_jpcosgpckclrq*njc_qcamlr_arsq,

Displacement performance

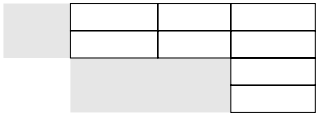
T-0125

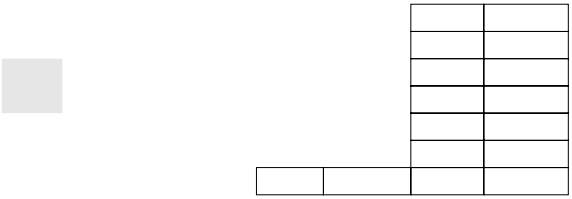


Mtcp_jjC agclawß5.+/..# 2.+47# .+17#

T-0126

Displacement performance





T-0127

Mtcp_jjC agclaw8 5.+/..# 2.+47# .+17#

T-0128

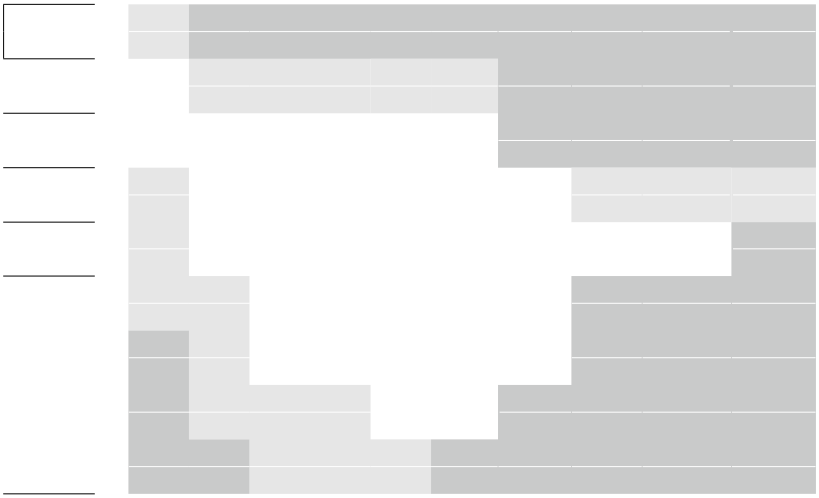
Mtcp_jjC agclaw8 5.+/..# 2.+47# .+17#

Displacement performance

T-0129

T-0130

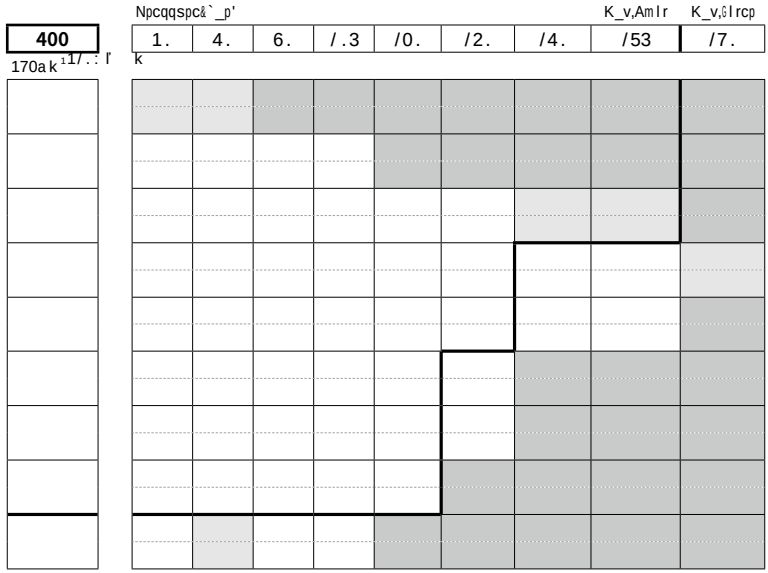
Displacement performance

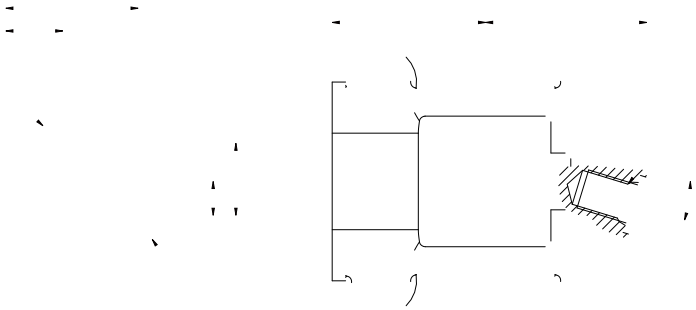


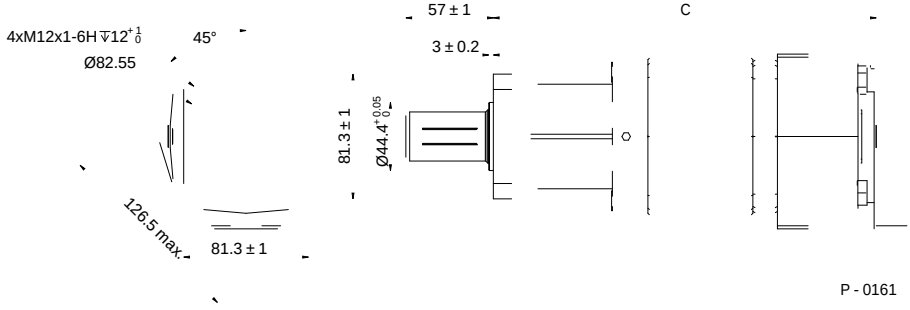
T-0131

Mtcp_jjC agclaw8 5.+/..# 2.+47# .+17#

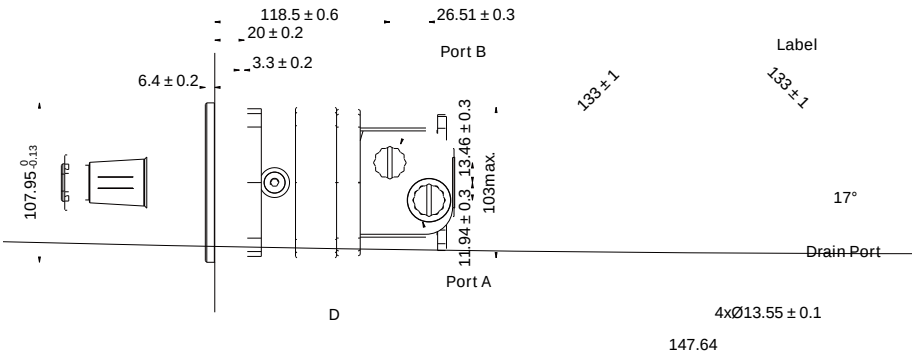
T-0132


Npcqqspc& `_p'
K_v,Am l r
K_v,ß l rcp
400
1.
4.
6.
/.3
/0.
/2.
/4.
/53
/7.
170a k 1 17 . . l r
k

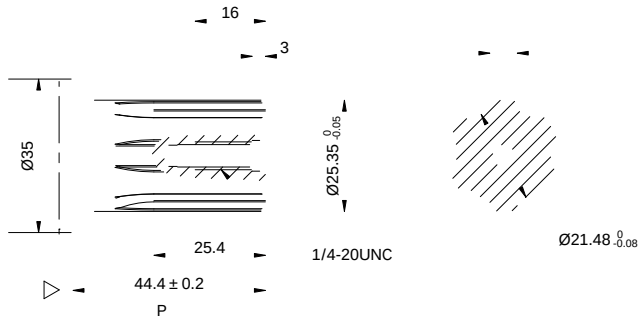



4xM12x1-6H ▽12 +1 0
45°
Ø82.55
126.5 max.
81.3 ± 1
57 ± 1
3 ± 0.2
81.3 ± 1
Ø44.4 +0.05 0
C

P - 0161


118.5 ± 0.6
26.51 ± 0.3
20 ± 0.2
Port B
Label
3.3 ± 0.2
6.4 ± 0.2
133 ± 1
133 ± 1
107.95 0 -0.13
13.46 ± 0.3
103max.
11.94 ± 0.3
17°
Drain Port
Port A
D
4xØ13.55 ± 0.1
147.64

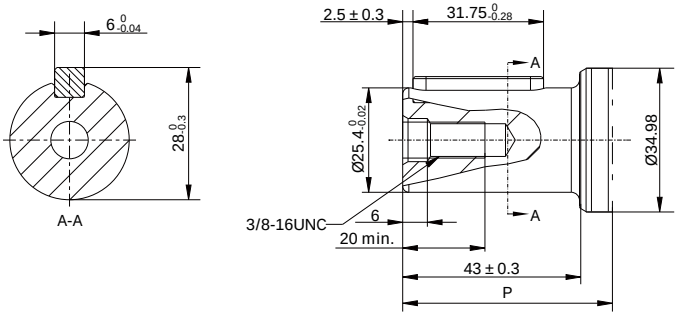
Length and weight


16
3
Ø35
Ø25.35 0 -0.05
Ø21.48 0 -0.08
25.4
1/4-20UNC
44.4 ± 0.2
P

Shaft end dimensions

S1

Õ03,2 k k Qrp_gefr
N_p_jjcj icw8 4,13Ô4,13Ô1/,53
K_v, Rmposc8 456L´k



S5

Õ1/,53 k k Qrp_gefr
N_p_jjcj icw8 5,74Ô5,74Ô1/,53
K_v, Rmposc8 66/L´k

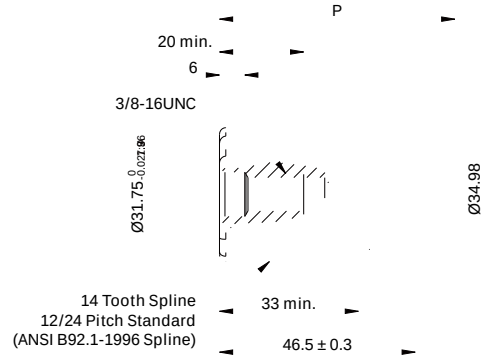
RN

Õ1. k k qf_dr
Qnjg lc8 Q?C 4@
K_v, Rmposc8 546L´k

Shaft end dimensions

RA

Õ1/,53 k k Qf_dr
Qnjgl c8 /2+BN/0-02 ?LQ% @70,/ + /774
K_v, Rmposc8 66/L´ k



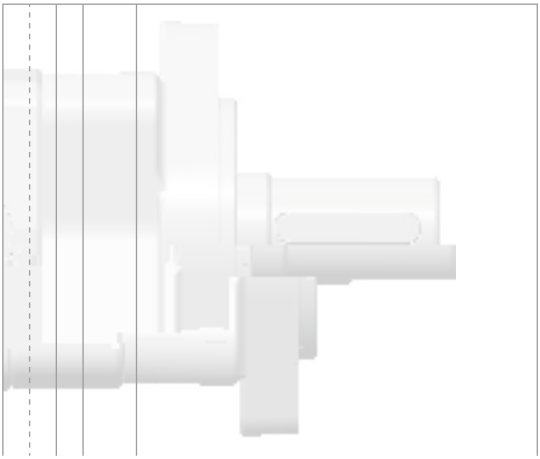
P-0317

TN

Õ1/,53 k k R_ncpcb qf_dr
N_p_jjcj icw8 5,74Ô5Ô00,4
Rgefrclgle rmposc8 0. . ®/. L´ k
K_v, Rmposc8 66/L´ k

P-0318

T4

Õ1/,53 k k R_ncpcb qf_dr
N_p_jjcj icw8 5,74Ô5,74Ô1/,53
Rgefrclgle rmposc8 0. . ®/. L´ k
K_v, Rmposc8 66/L´ k

P-0319