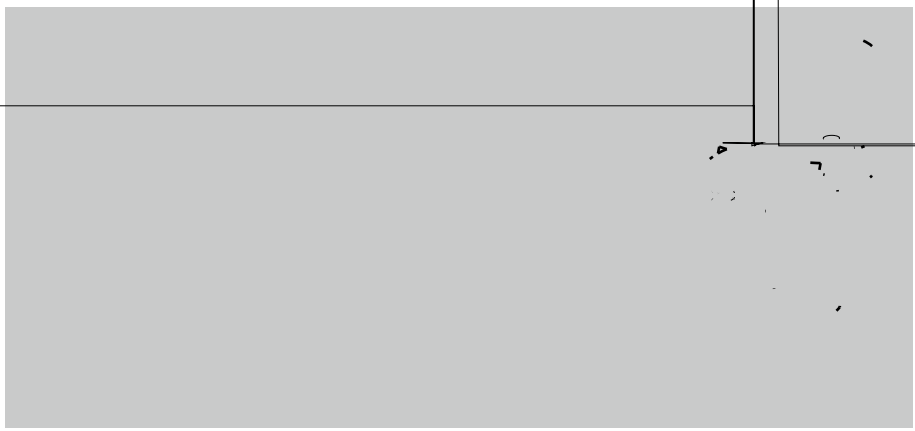


Contents

Overview

Rfc FQB qcpgcq mp`gr_j fwbp_sjga k mrmp*gr gq_jmu+qnccb_lb fgef+rmposc fwbp_sjga k mrmp*rfc clb d_ac bgqrpg`srgml k_icq gr rm f_tc af_p_arcpgqrgaq md fgef umpigle npcqqspc*jmu qr_prgle npcqqspc* fgef c agclaw_lb fgef pcjg_`gjgrw, Asqrm k gqcb npmbsar a_l `c bctcjmncb `w bg cpclr_nnjga_rgml pcosgpc k clr,

Advantages

´ Sqgle r_ncpcb pmjjcp `c_pgle qrpsarspc*a_l qsnnmprj_pecp_vg_j_lb p_bg_jjm_b,
´ ?bt_lacb bgqa t_jtc qrpsarspc* fgef bgqrpg`srgml _aasp_aw*qrpmle _srmk_rga amk nclq_rgml _`gjgrw _drcp uc_p*rmclqspc fgef tmjsk crpga c agclaw*jmle jgdc*c agclr_lb qr_`jc umpi,
´ T_pgmsq bgqnj_ack clrq_lb glqr_jj_rgml bgk clqgmlq_pc_t_gj_`jc,

Standard structure

02

P-002

Rwnc		6.	/..	/03	/4.	0..	01.	03.	1/3	2..	3..
Bgqnj_ac k c l r &a k[1]-pct,'		6.,0	77,4	/02,7	/37,0	/77,2	010,/	027,1	1/2,.	17/,7	266,1
K_v,qnccb &pn k'	Am l rg l smsq	551	517	370	243	150	1/6	076	014	/66	/31
	6 l rcp k grrc l r	760	670	5/2	340	225	163	137	062	007	/65
K_v,rmposc &L´ k'	Am l rg l smsq	02/	075	15.	251	4/.	436	4.6	652	675	625
	6 l rcp k grrc l r	1/4	17.	263	36.	505	6/0	633	765	/.34	764
K_v,msrnsr &iU'	Am l rg l smsq	/3,3	/6,.	/6,.	/4,3	/4,3	/1,6	/2,3	/3,.	//,.	7
	6 l rcp k grrc l r	/7,3	00,3	00,3	01,.	00,.	/5,0	/6,.	/5,.	/0,3	/.,3
K_v,bg cpc l rg_j npcqqspc &`_p'	Am l rg l smsq	0/.	0/.	0/.	0/.	0/.	0..	0..	0..	/4.	/0.
	6 l rcp k grrc l r	053	053	053	04.	03.	03.	03.	02.	/7.	/2.
	Nc_i	073	073	073	06.	05.	05.	05.	04.	0/.	/4.
K_v, mu &J-k g l'	Am l rg l smsq	43	53	53	53	53	53	53	53	53	53
	6 l rcp k grrc l r	6.	7.	7.	7.	7.	7.	7.	7.	7.	7.
K_v, l m+jm_b qr_prg l e npcqqspc &`_p'		/0	/.	/.	6	6	6	6	6	6	6
Kg l ,qr_prg l e rmposc &L´ k'	K_v,am l rg l smsq bg cpc l rg_j npcqqspc	/23	0/3	061	137	24.	31.	332	512	574	56/
	K_v,6 l rcp k grrc l r bg cpc l rg_j npcqqspc	/66	06/	15/	22.	335	411	475	636	703	703
Ucgefr &ie'	@c_pg l ejcqq	6,0	6,2	6,5	7	7,3	7,7	/.,/	//,/	//,4	//,6
	Qr_ l b_pb	7,7	/.,/	/.,2	/.,5	//,0	//,4	//,6	/0,6	/1,1	/1,3

´ 6 l rcp k grrc l r umpRifqce am l bgrgm l 8 Rfc umpig l e rg k c qfmsjb `c jcqq rf_ l 4 jcqq rf_ l u ump˜ 7 7,7 א כ

Ordering information

FQB	.6.	?1	F	Q/	?	L	?
F	ƒ	ϟ	ϟ	϶	϶	Ш	Ш

Orbital Hydraulic Series

F	Mp`gr_j Fwbp_sjga Kmrmp	FQB

Type

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

Mount

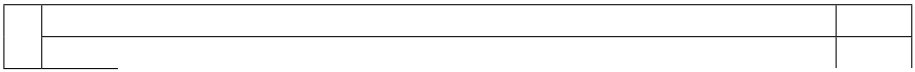
ϟ	Q?C Rwnc ? 0ÔÕ/1,3 kmslrÕ/.4,2* ngjmrÕ60,3Ô4,/	?1
	Q?C Rwnc ? 2ÔÕ/1,3 kmslrÕ/.4,2* ngjmrÕ60,3Ô4,/	?0
	Q?C Rwnc @ 0ÔÕ/2,1 kmslrÕ/.4,2* ngjmrÕ/./,4Ô7,2	@0
	4ÔÕ/1,3 K_elcrm kmslrÕ/.4,2* ngjmrÕ60,3Ô0,4	K.
	2ÔÕ//,33 Qos_pc kmslrÕ/.4,2* ngjmrÕ60,3Ô4,/	D/
	2ÔÕ// Pmslb kmslrÕ/03* ngjmrÕ/..Ô4* `c_pglejcqq kmrmp	@.
	2ÔÕ/1,3 Qos_pc kmslrÕ/05* ngjmrÕ/./,4Ô4,1* `c_pglejcqq kmrmp	D.
	Q?C Rwnc ? 0ÔÕ/1,3 kmslrÕ/.4,2* ngjmrÕ60,3Ô4,/ ugrf M+pgleq	?2
	2ÔÕ/1,3 K_elcrm kmslrÕ/.4,2* ngjmrÕ60,3&+.,.3-+.,/'Ô0,4	K0
	2ÔÕ/1,3 Qos_pc kmslr7.(7.* ngjmrÕ/..Ô6	D3

Port

ϟ	Nmpr E/-0* bp_gl nmpr E/-2	F
	Nmpr 5-6+/2SLD* bp_gl nmpr 5-/4+0.SLD	0
	Nmpr K00Ô/,3* bp_gl nmpr K/2Ô/,3	1
	Nmpr ? slrfpc_bcb fmjcÕ/0,5* nmpr @ slrfpc_bcb fmjcÕ/3,66 1Ô1-6+/4SLA	5
	Nmpr E/-0* bp_gl nmpr K/2Ô/,3	@
	Pc_pmgj nmpr* nmpr K00Ô/,3&QM4/27'* bp_gl nmpr K/2Ô/,3	A
	Pc_pmgj nmpr* nmpr 5-6+/2SLD* bp_gl nmpr 5-/4+0.SLD	B
	Nmpr K00Ô/,3&QM4/27'* bp_gl nmpr K/2Ô/,3	K
	Nmpr 7-/4+/6SLD* bp_gl nmpr 5-/4+0.SLD* ugrfmsrmgj nmpr amslrcpqgli	R

Ordering information

Output Shaft



Ordering information

Special Features

	Qr_lb_pb	?
	Dpccpsllgle	D
w	Fgefrcknccp_rspc	T
	Jmurcknccp_rspc	Q
	Qnccbqclqmp* BR.2+2N amllcarmp	Q0

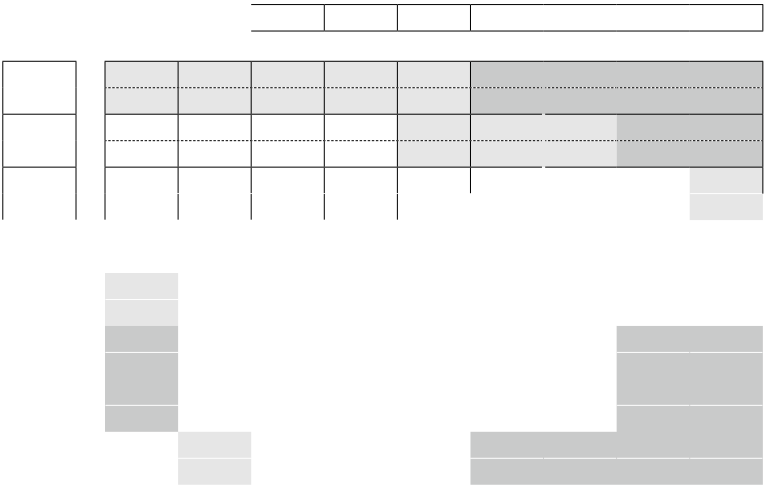
T - 0067

Note: ¸ ;?t_gj_`jc

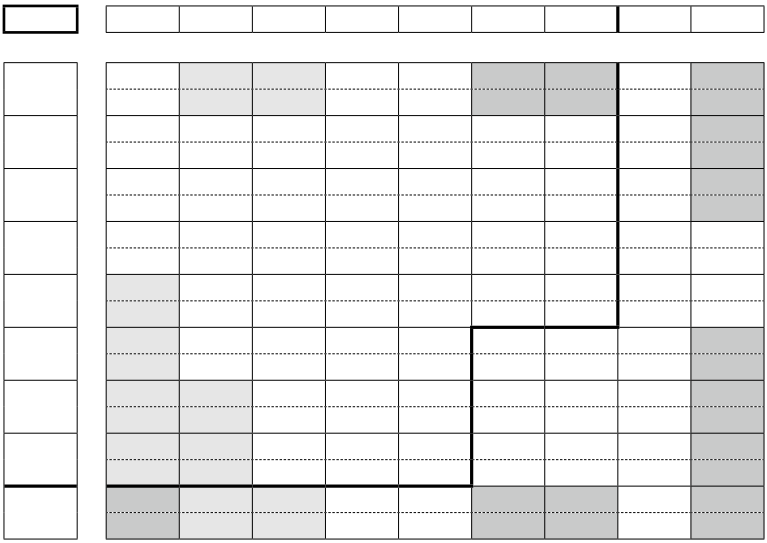
/ Rfc@.*D.mnrgmlq_pc`c_pglejcqqkmrmp*_lbrfcqf_drmnrgmlgqA/,

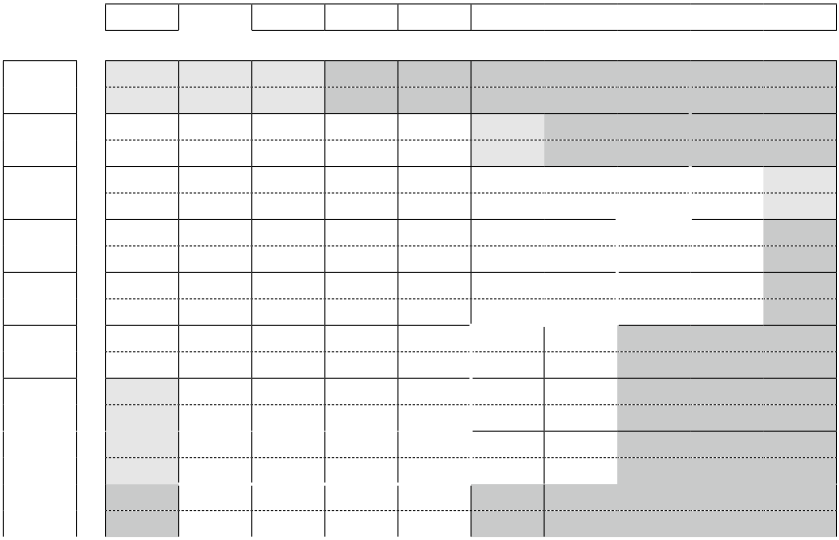
0 Ufclsqglerfcmpbcpgldmpk_rgml*rfcsqcpa_lqcjcarrfckmrmpqcpgcq*bgqnj_ackclr*glqr_jj_rgml _lec*nmpr*qf_dr_lbmrfcpgldmpk_rgml,Gdrfcqcjcarcbqncag a_rgmlgq lmrglrfcr_`jcmpf_qqncag_j pcosgpckclrq*njc_qcamlr_arsq,

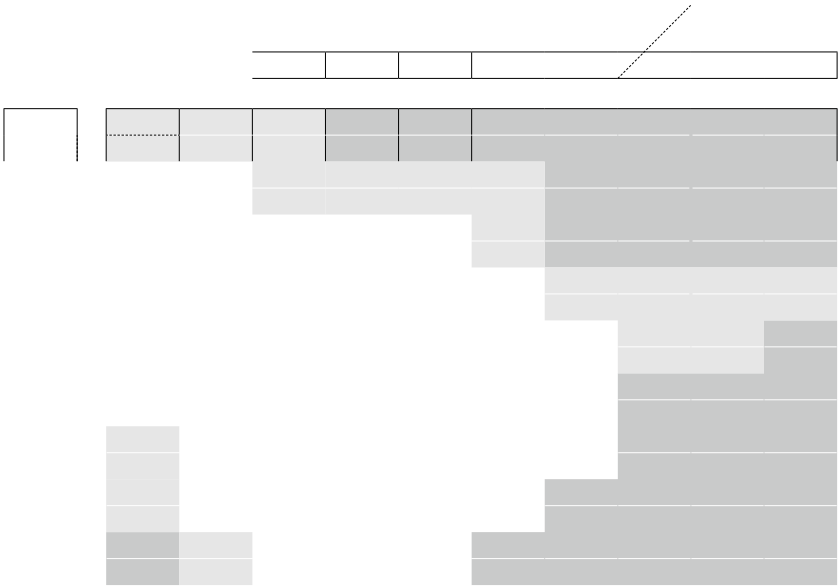
Displacement performance

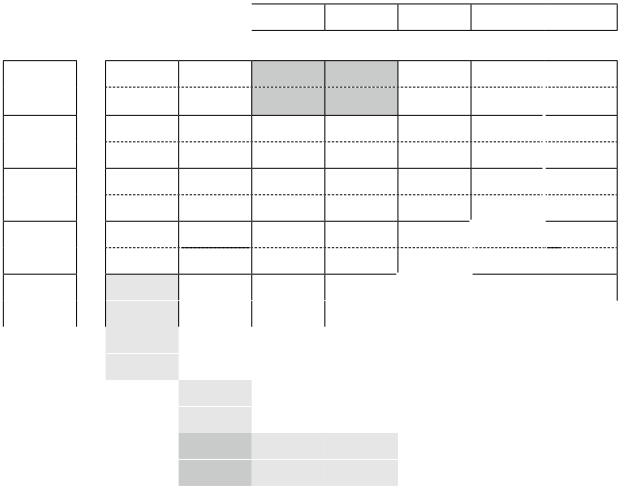


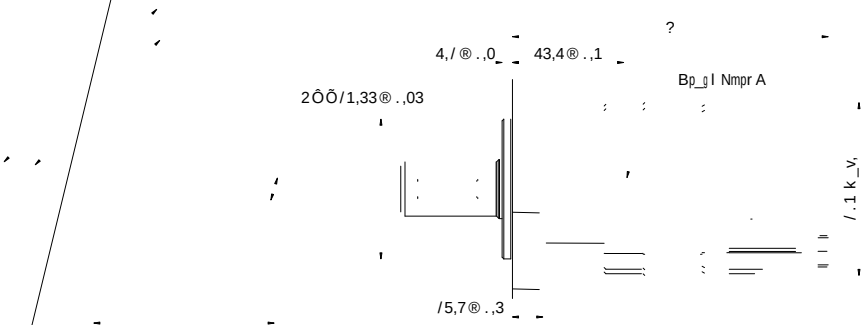
02









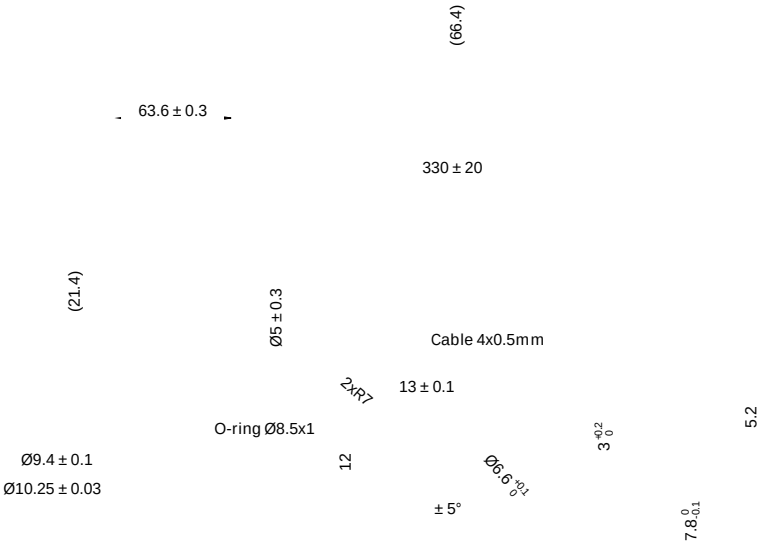

?
4,/ ® . ,0
43,4® . ,1
Bp_g I Nmpr A
2ÔÕ/1,33® . ,03
/ . 1 k_v,
/5,7® . ,3

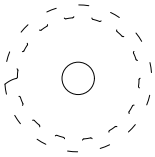
Installation size

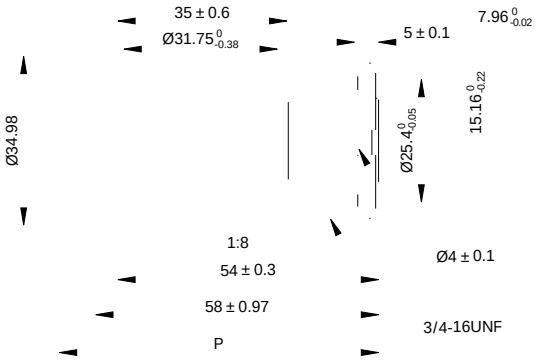
?8 M+pg le8 / . . Ô1
B8 Am lga_j qc_j pg le
E8 Mgj agpasj_rgm l fmjc
@8 Cvrcp l _j bp_g l af_ l l cj
C8 6 l rcp l _j bp_g l af_ l l cj
F8 F_pbc l cb qrmn nj_rc
A8 Bp_g l am l l cargm l /0 k k
D8 /3 k k bccn

Installation size

Speed sensor






35 ± 0.6
Ø31.75 0 -0.38
5 ± 0.1
7.96 0 -0.02
Ø34.98
15.16 0 -0.22
Ø25.4 0 -0.05
1:8
54 ± 0.3
58 ± 0.97
P
Ø4 ± 0.1
3/4-16UNF

P - 02 7

02

Allowable shaft load/bearing curve

?qqfmulglrfc espc*ufclrfc_vg_jjm_bgq

Permissible shaft seal pressure

Rotation direction CW