2.3

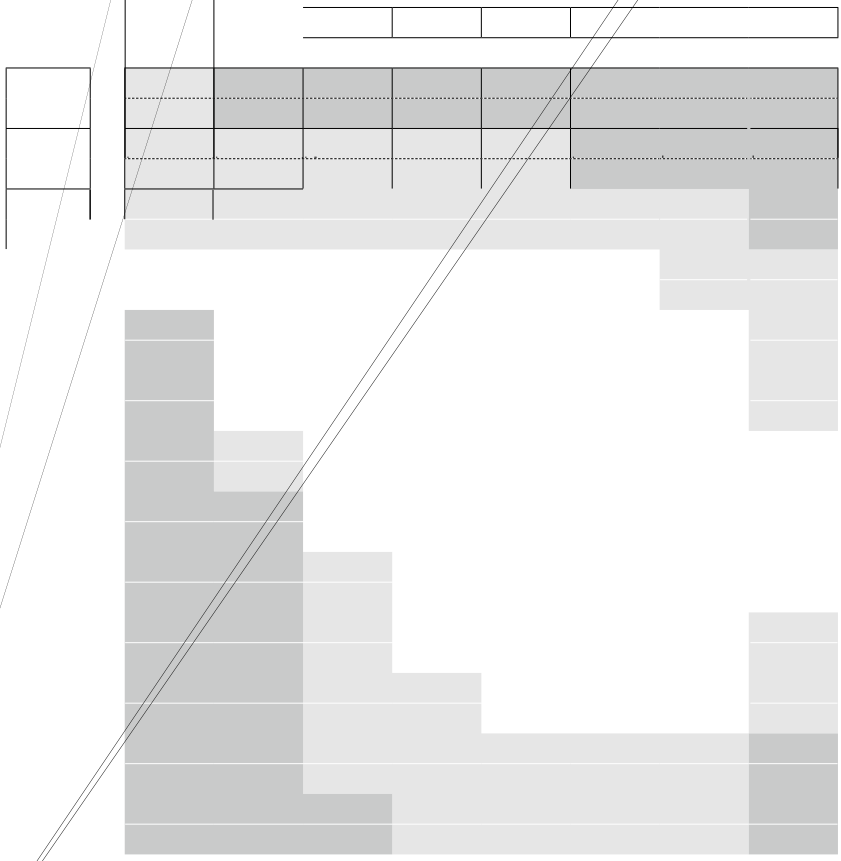
HCW/HCG/HCP

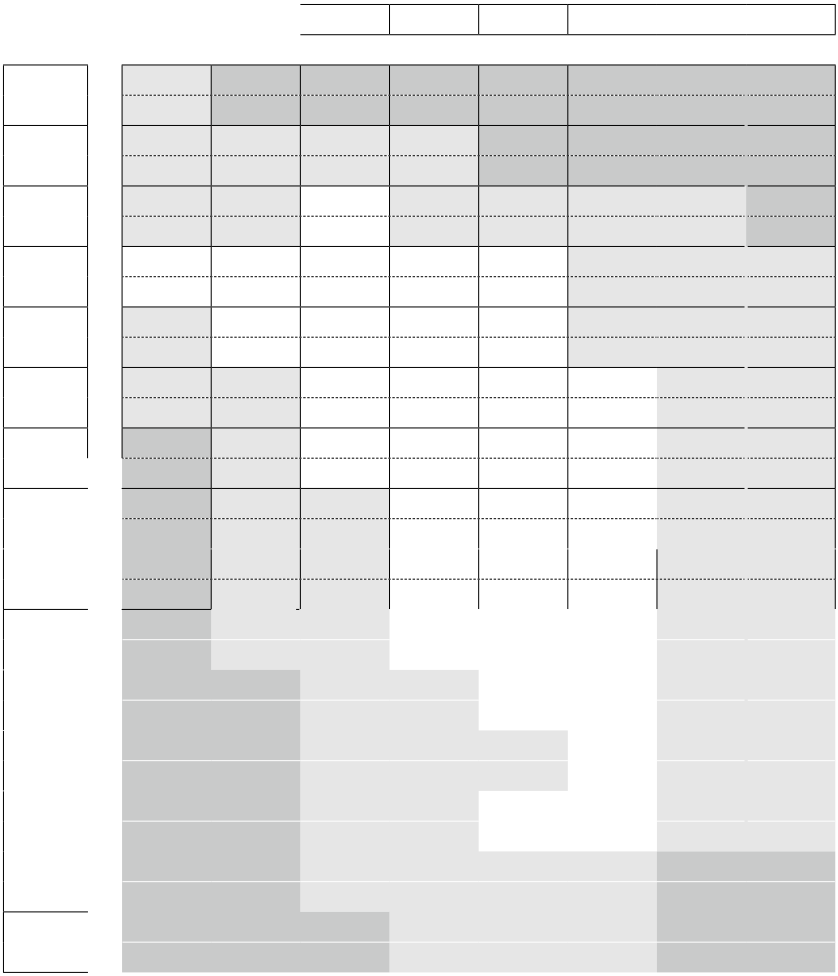
	02
HCU/HCG/HCN	02
HCU/HCG/HCN	03
HCU/HCG/HCN	04
HCU/HCG/HCN	05-16
HCU/HCG	
HCU/HCG	22
HCU/HCG	23-24
HCN	25
HCN	25-26
HCN	27
HCN /	27
HCN	28
HCN	28
HCN	29

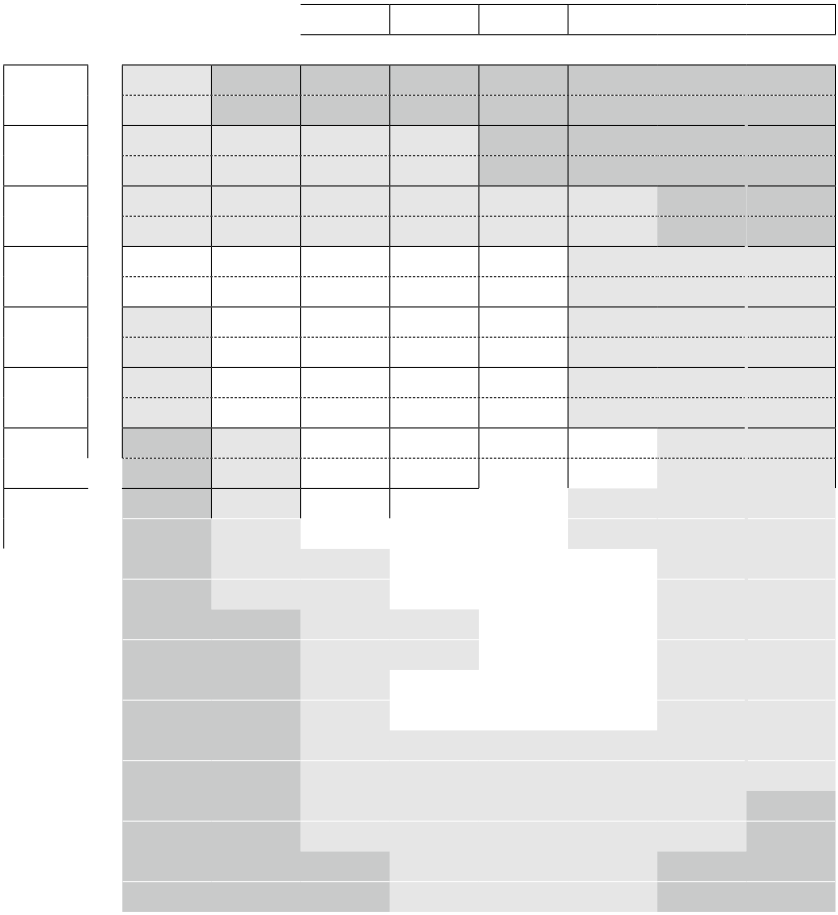
	HCU HCG HCN 120	HCU HCG HCN 160	HCU HCG HCN 200	HCU HCG HCN 230	HCU HCG HCN 260	HCU HCG HCN 300	HCU HCG HCN 350	HCU HCG HCN 375	HCU HCG HCN 400	HCU HCG 470	HCU HCG 540	HCU HCG 620
(a k ^{3}/pct.)	116.8	157	198	225	253	291	328	363	400	451	542	618
(pn k)	360	374	337	294	292	278	241	203	193	162	140	120
	488	466	409	358	349	316	269	241	228	196	170	142
(L k)	337	480	559	658	726	827	929	1017	1098	1099	997	1014
	387	552	637	726	808	950	1061	1175	1249	1281	1251	1293
(`_p)	207	207	207	207	207	207	207	207	207	173	138	121
	241	241	241	241	241	241	241	241	241	207	173	155
	276	276	276	276	276	276	276	276	276	241	207	173
(L/ k g l)	45	61	68	68	76	83	83	76	76	76	76	76
	61	76	83	83	91	95	95	91	91	91	91	91
(`_p)	7	8	8	10	10	10	10	10	10	12	12	14
(L k)	236	336	391	461	508	579	650	712	769	769	698	710
	271	386	446	508	566	665	743	823	874	897	876	905

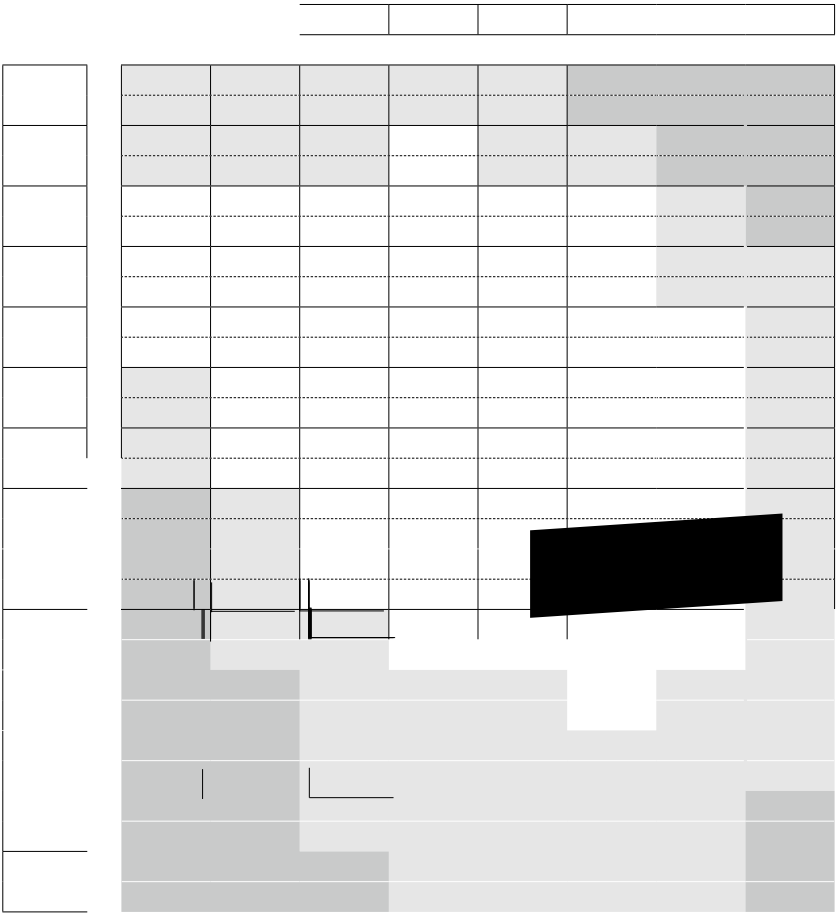
T - 0001

- 6 k
- 0.6 k
- k
- IQM 4406 20/18/15 k
- k
- 50- C 20 k k ^{2}/q k
- 82- C k
- 10-15 k









620	(`_p) 17	35	69	104	121	155
618 a k^3/pct.	(L k),	**(rpm)**				
2	120	228				
	1	**1**				
4	137	264	535	796	936	
	6	**5**	**5**	**4**	**4**	
8	143	276	570	853	985	1256
	12	**11**	**10**	**10**	**9**	**7**
15	131	269	581	871	1009	1280
	23	**23**	**23**	**23**	**22**	**18**
23	112	261	575	883	1014	1285
	36	**36**	**34**	**34**	**33**	**29**
30	91	249	554	854	999	1293
	47	**49**	**45**	**44**	**43**	**42**
38	68	221	526	883	973	1269
	60	**59**	**58**	**57**	**57**	**53**
45		203	505	816	953	1240
		71	**71**	**71**	**69**	**65**
53		161	476	779	931	1226
		84	**81**	**81**	**80**	**70**
61		125	440	753	895	1187
		96	**93**	**93**	**91**	**80**
68		91	407	704	851	1168
		107				

5 0 5

34 86 0 15

32 0 0 018 002

12 1 75-6H

25 4

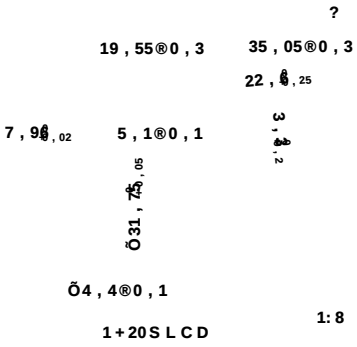
36

24

25

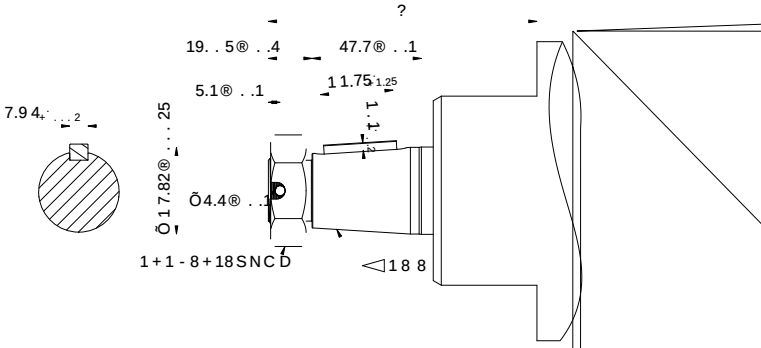
3/4-16 N

1 8


?
19 , 55®0 , 3
35 , 05®0 , 3
22 , 6 , 25
7 , 9 , 02
5 , 1®0 , 1
3 , 1 , 2
Õ31 , 7 , 05
Õ4 , 4®0 , 1
1: 8
1+20S L C D

T7

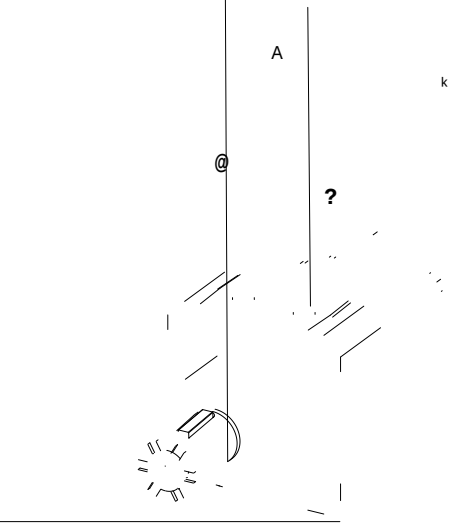
Õ38.1 k k
7.96 Ô 7 Ô 31.75
410-540L k
1200L k

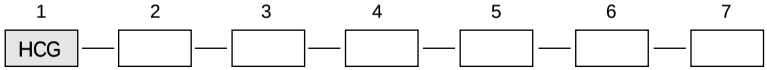


	A k k
Q5	105.2
Q7	111.9
Q4	129.9
R9	110.4
R2	108.2
R1	106.8
R8	111.9
R7	116.9

T - 0030

I



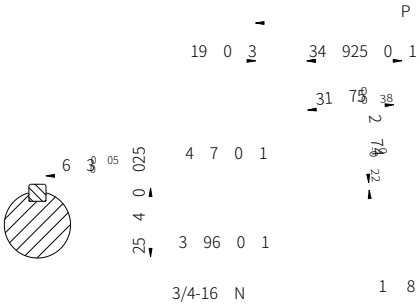


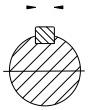
Nmq.1	2	3		4		5		6		7	
		!									
HCG	120 160 200 230 260 300 350 375 400 470 540 620	U45 U46	4ÔÕ13.5 Õ82.5 7/8-14SLF Õ126.91 4ÔÕ13.1 Õ82.5 G1/2 Õ126.91	Q5 Q7 Q4 R9 R2 R1 R8 R7	Õ32 10Ô8Ô45 Õ35 10Ô8Ô45 Õ38.1 9.525Ô9.525Ô38.1 Φ25.4 6.35Ô6.35Ô31.75 Φ31.75 7.96Ô7Ô22.25 Õ31.75 7.96Ô25.4 Õ35 7.96Ô7.96Ô22.7 Õ38.1 7.96Ô7Ô31.75	A P		L B C		A F T Q	

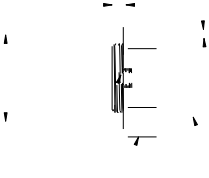
T - 0087

! ! ! ! k

k


P
19 0 3
34 925 0 1
31 75
38
2
74
22
6
05
025
4 7 0 1
4 0
25
3 96 0 1
3/4-16 N
1 8





a k³/pct.	C k k	HCN ie
160	103.8	10.2
200	108.2	11.2
230	111.5	11.4
260	114.7	11.7
300	119.9	11.9
350	113.6	12.2
375	116.7	12.5
400	119.9	12.8

T - 0111

C ®1.13 k k k

I

0L k

100pn k L_{10} 2000 k

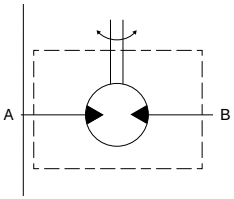
k k

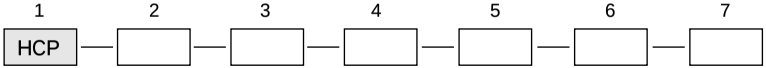
´HCN

P - 0111

A

k





Nmq.1	2	3			4			5		6		7	
		!											
HCN	160 200 230 260 300 350 375 400	U41 U48	4Ôφ13.5 7/8-14SLF 4Ôφ13.1 9/16-18SLF	φ82.5 φ126.91 φ82.5 φ126.91	R9 R2 R7	Φ25.4 Õ31.75 Φ38.1	6.35Ô6.35Ô31.75 7.96Ô7Ô22.25 7.96Ô7Ô31.75	A P		L B C		A F T Q	

T - 0108

! ! ! ! k

k