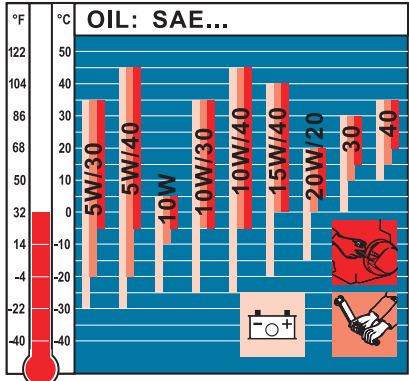
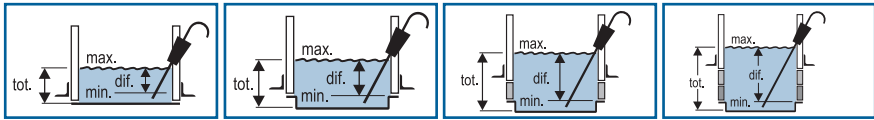


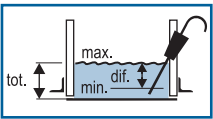


API: CD | CE | CF | CF-4 | CG-4
ACEA: B2 | E2



E 572 672 573 673
E ES 71 75 79
E ES 780
E ES 785 786
E 80 85 88 89
1 D 30 31 35 40
1 D 60 80
E 950
2 G 30
Z 788 789 790
2 L M 30 31 40
2 L M 30 31 40
3 L M 30 31 40
3 L M 30 31 40
4 L M 30 31 40
4 L M 30 31 40
E 108
Z 108
D 108
V 108

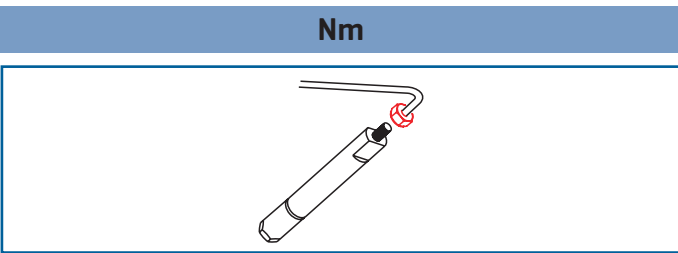
tot. /	diff. /	tot. /	diff. /	tot. /	diff. /	tot. /	diff. /
1.0	0.6	—	—	—	—	—	—
1.2	0.7	—	—	—	—	—	—
2.0	1.0	—	—	—	—	—	—
1.8	0.8	—	—	—	—	—	—
2.6	0.6	—	—	—	—	—	—
—	—	1.2	0.4	2.8	2.0	4.4	3.6
—	—	1.9	0.9	3.2	2.2	4.5	3.5
3.0	—	—	—	—	—	—	—
2.5	0.8	3.0	0.8	—	—	—	—
—	—	4.2	2.5	5.5	3.8	—	—
5.5 A	2.5	8.5 C	5.0	—	—	—	—
4.5 A	2.0	7.5 C	4.5	—	—	—	—
8.5 A	3.5	11.0 D	6.5	—	—	—	—
8.0 A	3.0	10.5 D	6.0	—	—	—	—
—	—	14.0 D	9.0	—	—	—	—
—	—	13.0 D	8.0	—	—	—	—
3.0	1.4	—	—	—	—	—	—
5.5	2.0	5.8	3.0	—	—	—	—
7.5	3.0	9.0	4.8	—	—	—	—
9.0	4.0	11.5	5.8	—	—	—	—



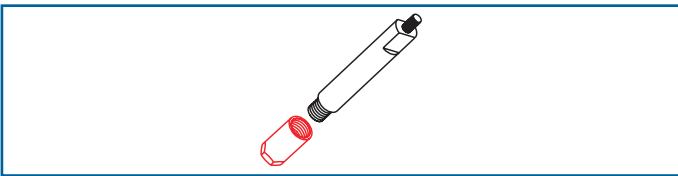
3 | 4 W 35T:
API: CF | CF-4 | CG-4
ACEA: B3 | E2

tot. /	diff. /
2.5	1.2
3.4	1.4
4.4	1.6

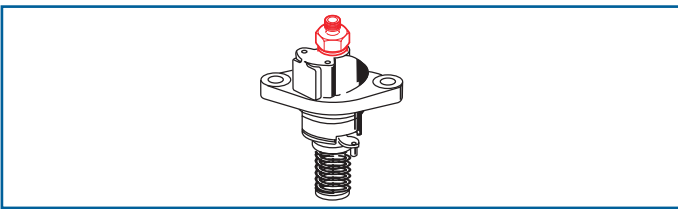
2 | 3 | 4 W 35:
API: CF | CF-4 | CG-4
ACEA: B2 | E2



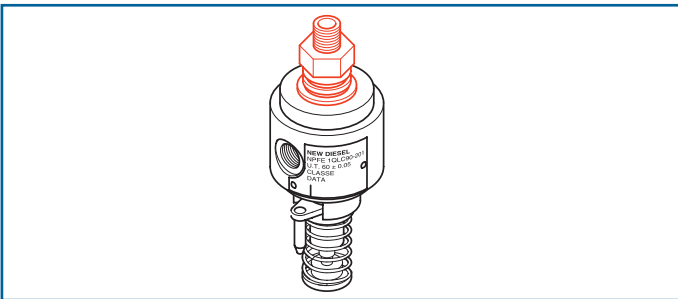
B | D | G 22 - 25



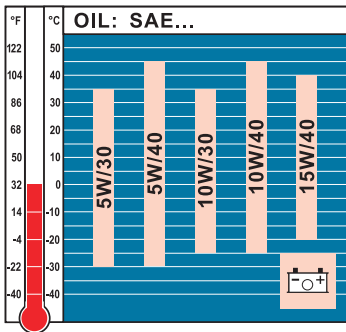
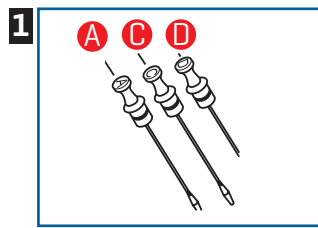
	85
1 D 30 31 35 40	50 - 60
1 D 60 80	50 - 60
2 G 30	60



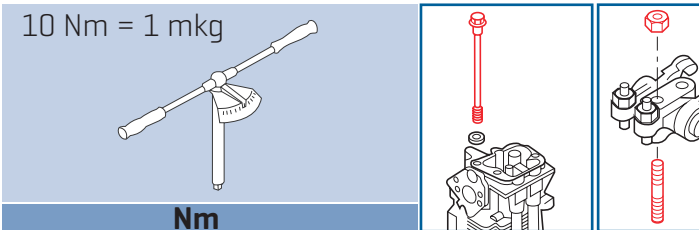
SW=19 mm	SW=22 mm
25	35



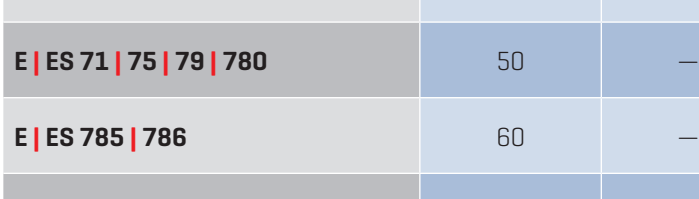
SW=17 mm	SW=22 mm
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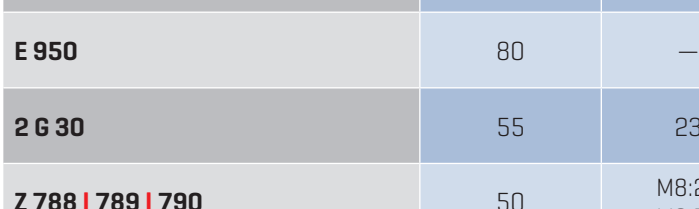
2 W 35
3 W 35 (T)
4 W 35 (T)



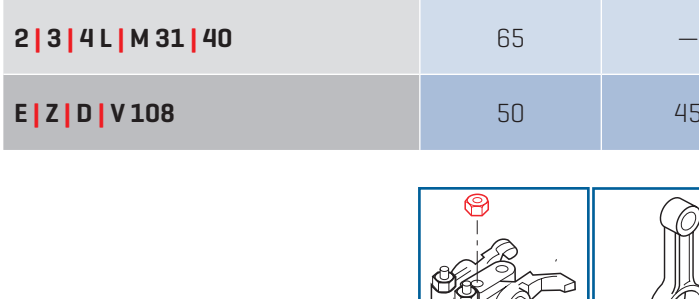
10 Nm = 1 mkg



E 572 672 573 673	35	35	40	22	70	—	—	—	—
E ES 71 75 79 780	50	—	60	65	300 - 350	60	60	—	—
E ES 785 786	60	—	60	65	300 - 350	60	60	—	—
E 80 85 88 89	65	—	60	65	300 - 350	—	—	—	—
1 D 30 31 35 40	50	—	40	40	68	—	11	—	—
1 D 60 80	80	—	85	75	M12[6x]:115 M14[5x]:190	—	11	—	—
E 950	80	—	60	65	145	90	—	—	—
2 G 30	55	23	40	—	1:30 2280 < 300° max.	—	—	—	10
Z 788 789 790	50	M8:25 M9:50	60	65	145	190	—	110	—
2 3 4 L 30	50	—	60	65	135	30	—	—	90
2 3 4 L M 31 40	65	—	M10:60 M11:115	65	200	30	—	—	90
E Z D V 108	50	45	75	110	145	360	—	110	—



SW=19 mm	SW=22 mm
25	35



SW=17 mm	SW=22 mm
----------	----------

2 | 3 | 4 W 35 (T)

	8.8	10.9	12.9
M 4	2.8	3.9	4.7
M 5	5.5	7.8	9.3
M 6	9.5	13.0	16.0
M 8	23.0	33.0	39.0
M 10	46.0	65.0	78.0
M 12	80.0	110.0	140.0

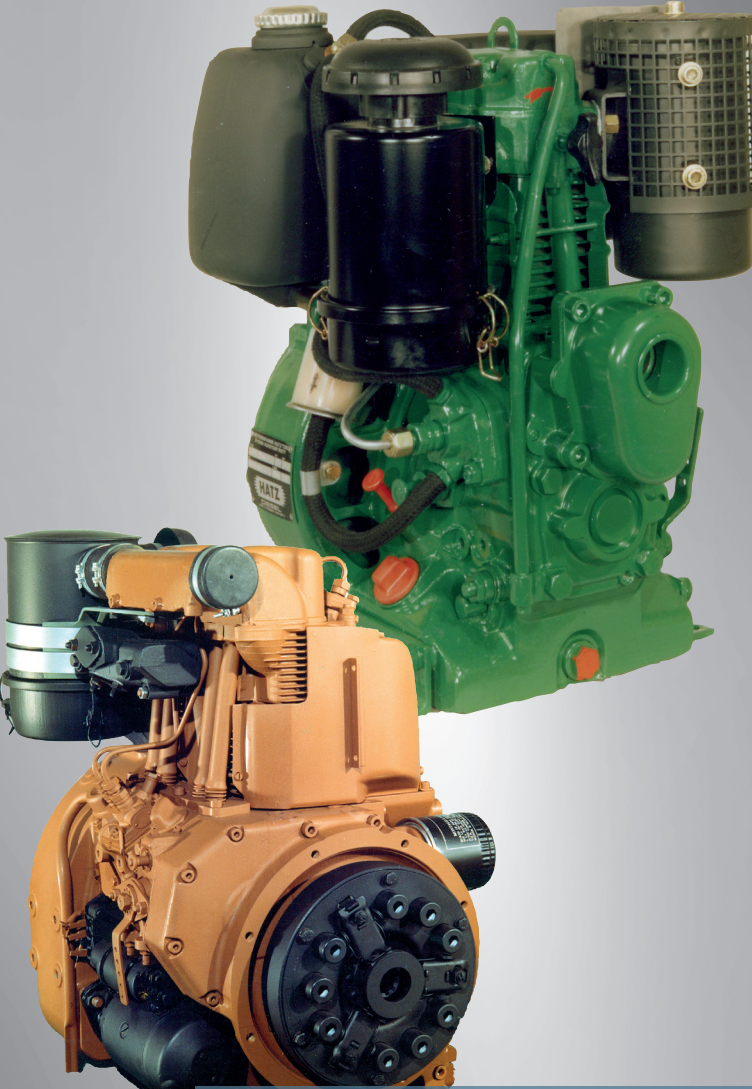
	8.8	10.9	12.9
M 14	130.0	180.0	220.0
M 16	190.0	270.0	330.0
M 18	270.0	380.0	450.0
M 20	380.0	530.0	640.0
M 22	510.0	720.0	860.0

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www.hatz-diesel.com

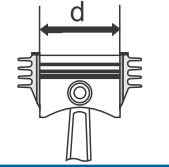
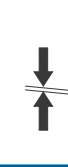
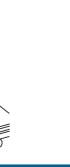
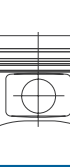
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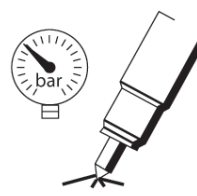


CREATING POWER SOLUTIONS.



Historische Motoren
Historical engines
Motores clasicos
Anciens moteurs
09/2016
Hatz Service

                                                               																										
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	Engine-No. / Serial-No.	bar	psi	bar	psi
E 572 / 672		135+8	1950+110		
E 573 / 673					
E ES 71 / 75		110+8	1600+110		
E ES 79		110+8	1600+110		
E ES 780 / 785					
E ES 786		250+8	3600+110		
1 D 30 S,Z,T,U,C	[10 - 18]	200+8	2900+110		
1 D 31 S,Z,T,U,C	[10 - 17]				
1 D 35 S,Z	[10 - 16]				
1 D 40 S,Z,T,U,C	[10 - 19]				
1 D 60 S,Z,T,U,C	[10 - 26]	250+8	3600+110		
1 D 80 S,Z,T,U,C	[10 - 24]				
E 80		110+8	1600+110		
E 85		110+8	1600+110		
E 88 / 89		150+8	2150+110		
E 950		250+8	3600+110		
2 G 30	[10 - 17]	250+12	3600+175		
Z 788 / 789		180+8	2600+110		
Z 790		180+8	2600+110		
E Z D V 108		180+8	2600+110		

					
	Engine-No. / Serial-No.	bar	psi	bar	psi
2 3 4 L 30		250+8	3600+110		
2 3 4 L M 31					
2 L 40	[10 - 22]				
3 4 L 40	[10 - 22]				
2 3 4 M 40	[10 - 19]				

	Serial-No.	h	bar	psi
2 3 4 W 35 (T)	[10 - 15]	h≤100	300+12	4350+175
		h>100	250+12	3600+175

h= Betriebsstunden Einspritzdüse, operating hours injection nozzle,
heures de service injecteur, horas de servicio del inyector

