

KEGELRÄDER SCHRAG VERZAHNT

ROUES CORNIQUES À DENTURE OBLIQUE BEVEL GEARS IN STEEL HELICAL TOOTH

feinstverzahnt
taillage de précision
precision cut
Quality
8f24



Stahl schrägverzahnt

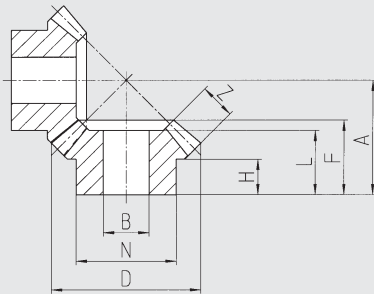
Material: 34Cr4 DIN 1.7033
Zahnung: Schrägverzahnt
Eingriffswinkel $\alpha=20^\circ$
Qualität: 8f24

En acier à denture oblique

Matière: 34Cr4 DIN 1.7033
Denture: Denture oblique
angle de pression $\alpha=20^\circ$
Qualité: 8f24

In steel helical tooth

Material: 34Cr4 DIN 1.7033
Teeth: Helical tooth
pressure angle $\alpha=20^\circ$
Quality: 8f24



Zähnezahl
No de dents
No of teeth

Stahl
En acier
Steel

Modul	Z	B _{H7}	N	D	H	L	F	A	Z	Part No.
1.5	16	8	19	26.1		15.4	16.9	24	5.9	SR 1100
2.0	16	10	22	34.8	9.5	16.4	18.9	28	8.6	SR 1101
2.5	16	13	30	43.5	10.0	18.3	21.3	33	10.1	SR 1102
3.0	16	16	35	52.2	12.5	22.6	26.1	40	12.5	SR 1103
3.5	16	19	40	60.9	15.0	26.6	30.1	47	13.2	SR 1104
4.0	16	22	45	69.7	17.5	30.3	35.3	54	16.4	SR 1105
4.5	16	25	50	78.4	19.5	34.7	40.2	61	18.7	SR 1106
5.0	16	27	54	87.1	21	37.6	43.6	67	19.3	SR 1107
5.0	19	30	60	102.1	23.5	43.0	49.0	77	24.4	SR 1108
5.0	22	33	66	117.1	24	46.0	52.0	85	27.9	SR 1109
5.0	26	36	72	137.1	25	50.0	56.0	96	32.2	SR 1110
5.0	30	40	80	157.1	28	57	63	109	37.8	SR 1111

Leistungstabellen (kW)
Diagrammes de charges admissibles (kW)
Performance tables (kW)

Part No.	Drehzahl / No of tours / RPM					1500	2000	2500
	100	300	500	700	1000			
SR 1100	0.021	0.110	0.165	0.386	0.45	0.552	0.606	0.617
SR 1101	0.054	0.220	0.33	0.552	0.717	1.050	1.104	1.192
SR 1102	0.106	0.33	0.552	0.993	1.158	1.545	1.766	1.986
SR 1103	0.165	0.552	0.993	1.269	1.766	2.208	2.705	3.09
SR 1104	0.220	0.773	1.269	1.986	2.649	3.422	4.14	
SR 1105	0.441	1.214	2.153	2.760	3.476	4.968	5.625	
SR 1106	0.552	1.656	2.649	3.533	4.857	6.624		
SR 1107	0.662	2.262	3.753	5.078	6.954	8.556		
SR 1108	1.214	3.201	4.968	6.678	8.777			
SR 1109	1.766	4.361	6.678	8.832	11.04			
SR 1110	2.153	5.630	8.832	11.481	14.241			
SR 1111	2.870	7.506	11.481	14.793	18.645			

$$P = (\text{kW}) \quad T_N (\text{Nm}) = \frac{P \cdot 9550}{n}$$

Übertragbare Leistung:
 gehärtet: 2,5 x Katalogwert
 nitriert: 1,5 x Katalogwert

Charge transmissible:
 trempé: 2,5 x valeur du tableau
 nituration: 1,5 x valeur du tableau

Performance:
 hardened: 2,5 x value indicated in tables
 nitrated: 1,5 x value indicated in tables

