

186012 FIO



Roller Chains BS

ROLLER CHAINS BS

1"

25,40 mm

RATINGS GUIDE (kW at pinion speed)

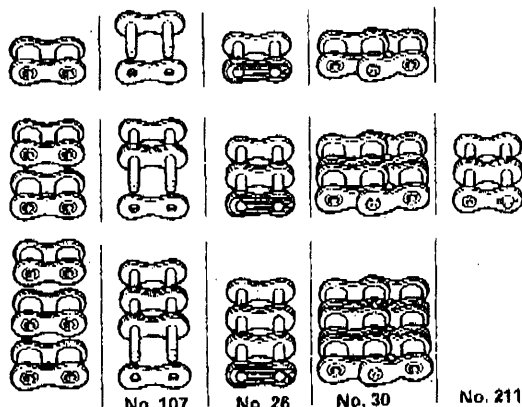
The ratings given are for standard simple* roller chain drives operating under normal conditions, i.e. a steady load. For other conditions of driver/driven loading, see full selection procedure on Sheets CT/02 to CT/04.

* For duplex roller chain ratings multiply by 1,70.
For triplex roller chain ratings multiply by 2,50.
For confirmation of selection, and for bush ratings, consult our Sales Technical Staff.

When drives are supplied complete (i.e. chain, pinions and wheels) two spare links are provided, a No. 4 and a No. 26.

Pinion speed	No. of teeth in pinion				
	17	19	21	23	25
rev/min	Rated kilowatts				
50	2,59	2,90	3,21	3,51	3,82
100	4,83	5,40	6,07	6,54	7,10
150	7,11	7,95	8,79	9,62	10,46
200	8,94	10,00	11,05	12,11	13,16
250	11,18	12,50	13,82	15,13	16,44
500	20,57	23,00	25,42	27,84	30,26
700	27,73	31,50	34,81	38,13	41,44
1000	34,89	39,00	43,10	47,21	51,31
1500	39,36	44,00	48,63	53,26	57,89

SPARE PARTS

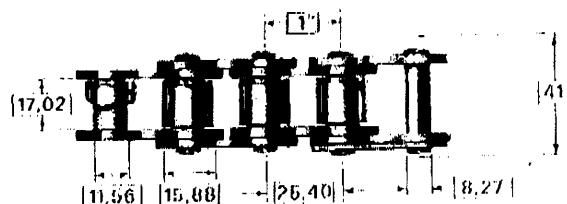


No. 211 Available for Chain No. 114 088 only.

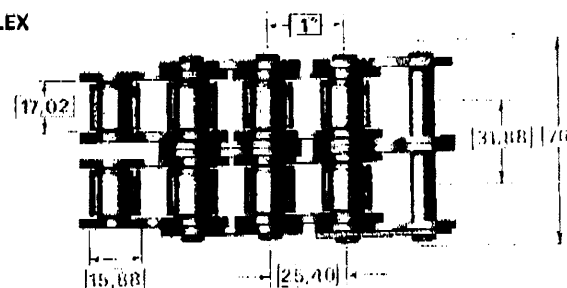
TOOLS

	Assembly and breaking tool sets
Extractor	311 007 Simple (Roller and bush) 317 080
	311 502 Duplex 317 084
Pliers	317 002 Triplex 317 086

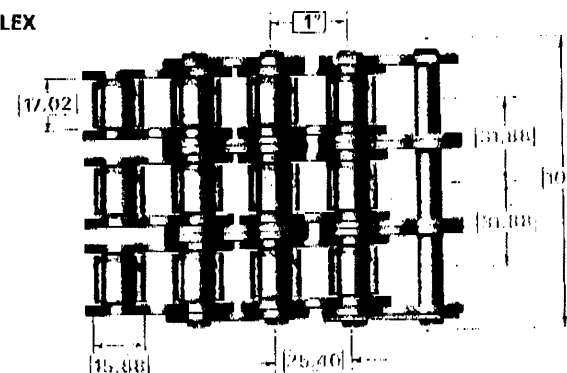
SIMPLE



DUPLEX



TRIPLEX

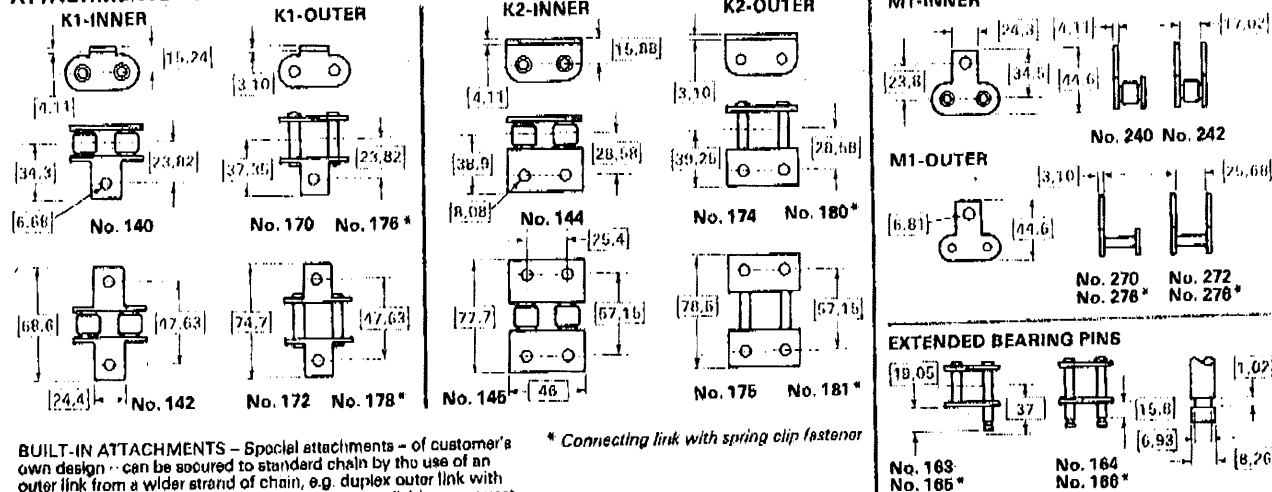


ISO Chain No.	Renold Chain No.	Chain type	Nominal bearing area mm ²	Breaking load daN	Weight (mass) kg/m
16B-1	110 088	Simple	207	6500	2,71
	120 088	Simple	207	6600	2,22
16B-2	114 088	Duplex	413	13 000	5,42
16B-3	116 088	Triplex	619	19 500	8,13



* Bush chain

ATTACHMENTS - Unit Assemblies



BUILT-IN ATTACHMENTS - Special attachments - of customer's own design - can be secured to standard chain by the use of an outer link from a wider strand of chain, e.g. duplex outer link with simple chain. Details of such arrangements are available on request.

* Connecting link with spring clip fastener