



LOAD RATINGS

CEMA D - TROUGH IDLERS (RIGID FRAME)

BELT WIDTH	CEMA REQUIRED LOAD RATING (lbs)				ROLL ONLY	MELCO LOAD RATING (lbs)				L10h*	
	IDLER SET					IDLER SET					
	TROUGH ANGLE					TROUGH ANGLE					
	20°	35°	45°			20°	35°	45°			
24	1200	1200	1200	840	1460	1460	1460	1180	63 000		
30	1200	1200	1200	840	1590	1590	1590	910	63 000		
36	1200	1200	1200	840	1200	1200	1200	2000	63 000		
42	1200	1200	1200	840	1350	1350	1350	1680	63 000		
48	1200	1200	1200	840	1410	1410	1410	1420	63 000		
54	1200	1116	1080	840	1610	1610	1610	1250	63 000		
60	1150	1070	1035	805	1350	1350	1350	1100	72 000		
72	1050	977	945	735	1500	1500	1500	910	94 000		

CEMA D - 2 ROLL V - RETURNS

BELT WIDTH	CEMA REQUIRED LOAD RATING (lbs)		MELCO LOAD RATING (lbs)	L10h*
	IDLER SET	ROLL ONLY		
36	850	510	1200	62 600
42	850	510	960	62 600
48	850	510	1020	62 600
54	850	510	850	62 600
60	850	510	1000	62 600
66	850	510	850	62 600
72	850	510	1040	62 600

CEMA D - SINGLE ROLL RETURNS

BELT WIDTH	CEMA REQUIRED LOAD RATING (lbs)	MELCO LOAD RATING (lbs)	L10h*
	IDLER SET		
24	600	960	> 100 000
30	600	770	> 100 000
36	600	640	> 100 000
42	500	550	> 100 000
48	425	540	> 100 000
54	375	480	> 100 000
60	280	430	> 100 000
72	155	330	> 100 000

L10h is the calculated Bearing life in hours at 500 rpm and CEMA specified load rating.

Dimensions in inches, Weight in lbs.