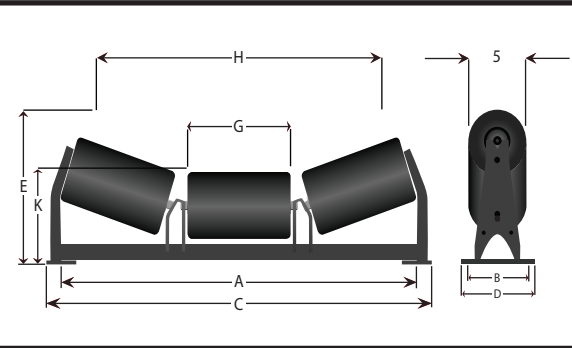


# MD30

## 20° Troughing Idlers

5" Rolls

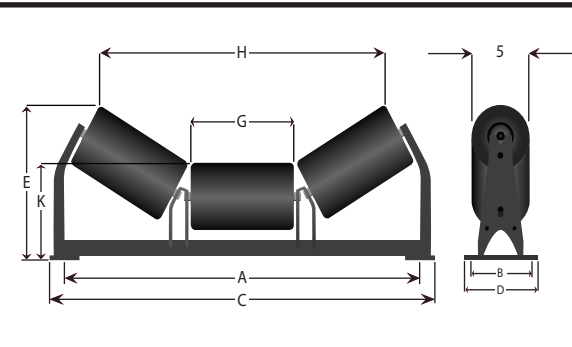
Part Number	BW	A	B	C	D	E	G	H	K	WT
520T24MD30	24	33	6	35	8	11 9/16	8 15/16	27 1/2	8 1/2	52
520T30MD30	30	39	6	41 1/2	9 1/2	12 7/16	11 1/8	33 3/8	8 5/8	62
520T36MD30	36	45	6	47 1/2	9 1/2	13 3/16	13 1/4	39 9/16	8 5/8	72
520T42MD30	42	51	7 1/2	53 1/2	9 1/2	14 5/16	15 7/16	45 3/4	9	81
520T48MD30	48	57	7 1/2	59 1/2	9 1/2	15 1/16	17 5/8	52 1/16	9	90



## 35° Troughing Idlers

5" Rolls

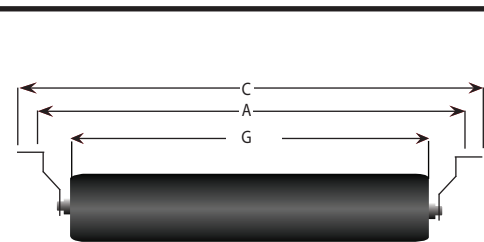
Part Number	BW	A	B	C	D	E	G	H	K	WT
535T24MD30	24	33	6	35	8	13 5/8	8 15/16	24 9/16	8 1/2	54
535T30MD30	30	39	6	41 1/2	9 1/2	15 1/16	11 1/8	30 3/8	8 5/8	64
535T36MD30	36	45	6	47 1/2	9 1/2	16 1/4	13 1/4	36 1/16	8 5/8	74
535T42MD30	42	51	7 1/2	53 1/2	9 1/2	18 1/16	15 7/16	41 3/4	9	84
535T48MD30	48	57	7 1/2	59 1/2	9 1/2	19 1/16	17 5/8	47 1/2	9	93



## Returns

5" Rolls

Part Number	BW	A	B	C	D	E	G	H	K	WT
500R24MD30	24	33		35			27 3/8			32
500R30MD30	30	39		41			33 3/8			36
500R36MD30	36	45		47			39 3/8			42
500R42MD30	42	51		53			44 3/8			47
500R48MD30	48	57		59			51 3/8			53



# MD30

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## MINE DUTY IDLERS

IN A CLASS OF ITS OWN

# MINE DUTY IDLERS

# MD30

MD30



Others



### Rolled Ends (Forging Process)

This feature eliminates welding which causes deformation, bearing misalignment, reduced can thickness and hardened edges (scoring of belt).

### Load Ratings, Lbs.

Belt Width (inches)	MD30		Others	
	35° Trough	Return	35° Trough	Return
24	1200	600	900	325
30	1200	600	900	250
36	1200	600	837	200
42	1200	500	791	150
48	1200	425	744	125

4X

### Longer Bearing Life

30 mm sealed ball bearings manufactured to ABEC 3 standards, the highest in idler bearing quality. The dynamic load rating for a 30mm bearing is 50% greater than the standard CEMA C 20mm resulting in 4X the life. Special polyurea grease; 50% fill.

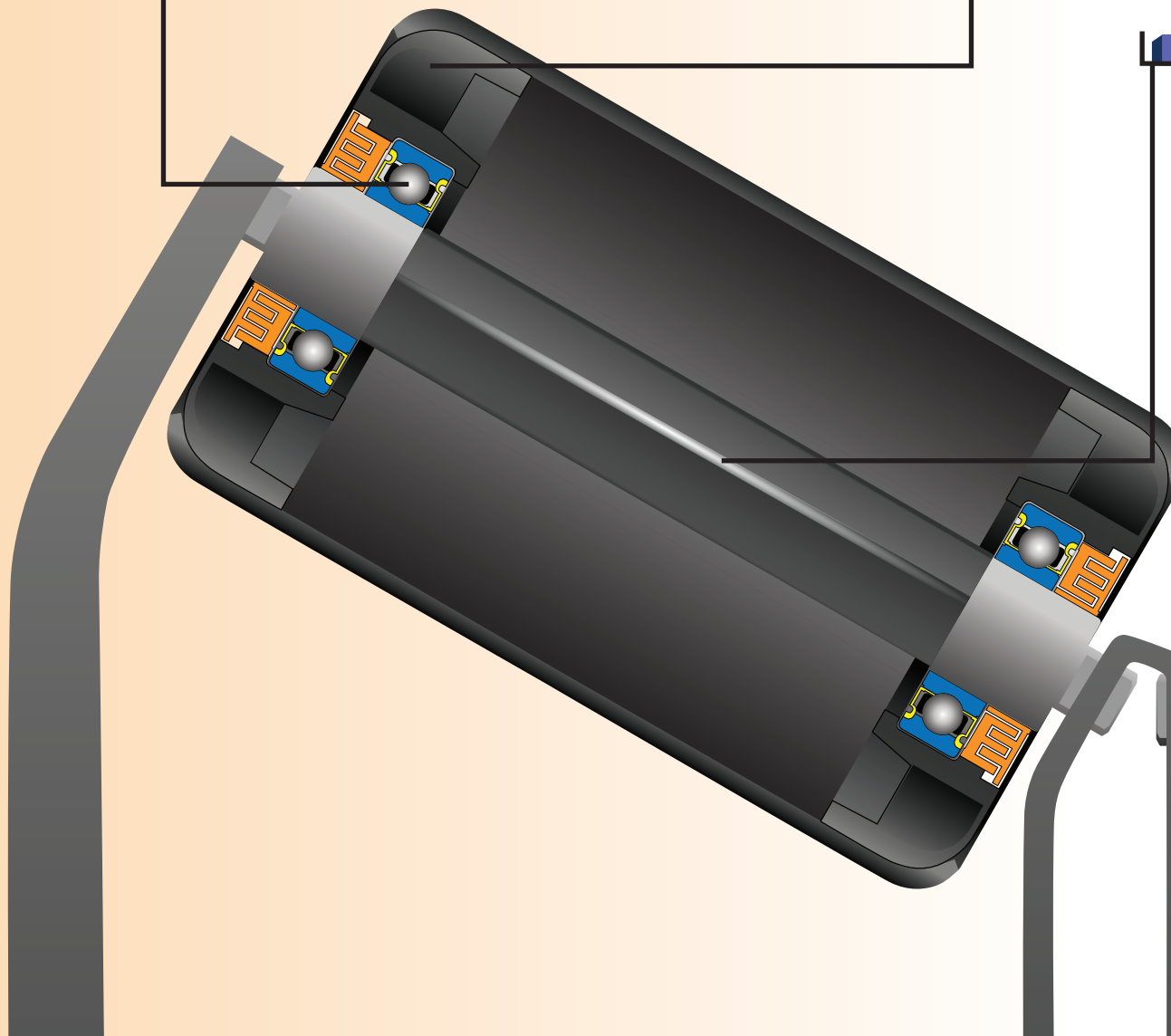
### Polyamide End Case

A shockproof, synthetic polymeric material (nylon PA-6) protecting the bearing from vibration and shock. By means of a special process, the bearing is sealed into the case maintaining parallel and perpendicular tolerances for the smoothest operation.

5X

### Stronger Shafts

Two 30mm half axles are inserted into a 1-3/16 x 1-3/16 x 3/32 square tube by means of press fit and electric welded rivets. This structural design feature, increases bending and torsion service factor by 500% reducing shaft deflection and maintaining a parallel and perpendicular tolerance for the smoothest operation.



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