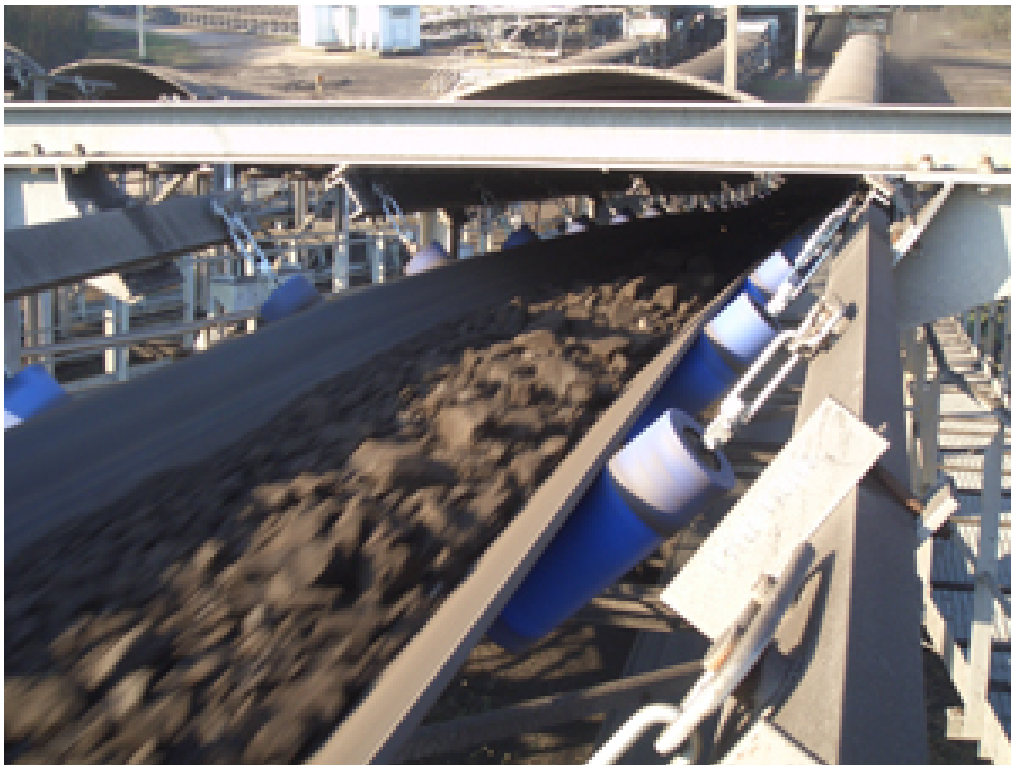




HONG CHUAN Industrial Co.,Ltd



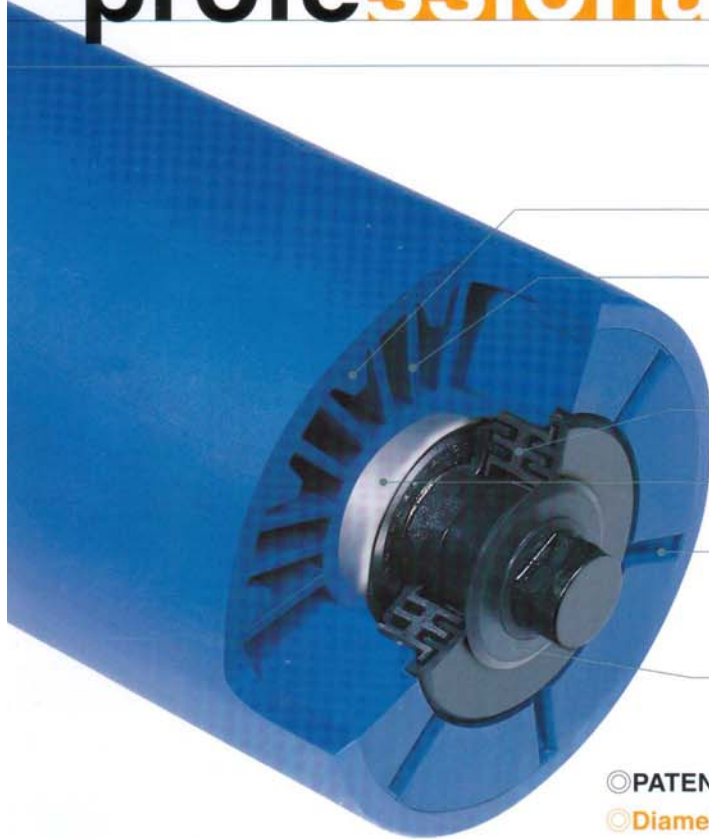
KING HDPE roller for conveyor
belt system from Taiwan



C.T.L. Interlube Co.,Ltd

1497 Moo.13 Bigland factory T.Klong nueng A.Klong luang Pathumthani 12120 THAILAND
Tel:9082043-4 Fax:9082085 <http://www.ctlinterlube.com>, e-mail:sales@ctlinterlube.com

professional maker



Strengthened Frame

Bearing Loading Set

Bearing Triple Labyrinth Seals

Double Cap Bearing

Catchment Lines

Seal Ring

Ⓞ PATENT Number 110889

Ⓞ Diameter(mm): 89.1, 102, 108, 114.3, 127, 139.8, 152.4

LONG LIFE ROLLERS CHARACTERISTICS

- High Density Material
- Anti-Acidity
- Anti-Alkaline
- Anti-Static Agent
- Suitable For Adverse Circumstances
- Suitable For Highly Pollution Environment
- Suitable For Humid Environment
- Silent Rotation
- Low Friction Rate
- Damage-Free Belt
- Can Replace Metallic Rollers
- Inexpensive

Ⓞ These rollers are a high-pressure extrusion of synthetic resin fibre.

The stability of this material and the process by which it's produced ensures excellent **Concentricity** and **Dynamic Balance** resulting in a **Lightweight** roller with the **Strength of Steel**.

BEARINGS

Ⓞ A full range available including Local, Japanese, European, German or Swedish.

SEALS

Ⓞ All seals are multi-labyrinth type (sealed for life).
Ⓞ Seal chambers are filled with high-grade lubricant to minimise roller drag and maximise **Dust and Water Resistance**.

SHAFTS

Ⓞ Roller shafts are offered in both Carbon steel or selected stainless steel.

DESIGN

Ⓞ The Long Life roller shell has a series of internal ribs for added **Strength and Stability**.
Ⓞ It also incorporates internal bearings in longer rollers to eliminate flexing under load.



OTHER FEATURES

The chemical characteristics of these rollers have the added advantage of being **Resistant to Corrosion, Acids and Alkaline** conditions as well as being **Anti-Static** for use in dusty environments where explosions can occur due to sparks.

The roller surface is designed to eliminate build up of material which causes premature wear and ultimately failure in steel rollers. **Low Maintenance, High Performance, Quality Product.**



APPLICATION

Suitable for use across a wide and varied range of products including **Cement, Coal, Gravel, Fertiliser, Paper, Food Chemicals** and others.

CONCLUSION

A **Lightweight, Robust** and **Inexpensive** alternative where **Quality** and **Reliability** is required.

PRODUCTS'

Application

Test Method: JIS, CNS, Astm, IEC

Testing Items	Long Life Roller	PVC Roller	Steel Roller
Compression Test For Frame	○	△	◎
Operation Life Test	◎	△	○
Dynamic Balancing Test	◎	◎	○
Water-Proof Test	◎	◎	×
Abrasion Resistance Test	○	△	○
Dust-Proof Test	◎	○	○
Power Saving Operation	◎	◎	△
No Miscellaneous Objects Sticking	◎	△	△
Cold Resistance	○	×	○
Anti-Static	◎	×	○
Acid Resistance	◎	◎	×
Alkaline Resistance	◎	△	×
Chemical Resistance	○	×	○
Environmental Stress-Cracking Test	○	×	○
Light-Exposure Resistance Test	○	△	○
Ozone Chamber Test	○	△	○
Low Noise Test	◎	◎	×
Tensile Strength	◎	○	△
Low Friction Rate	◎	○	×

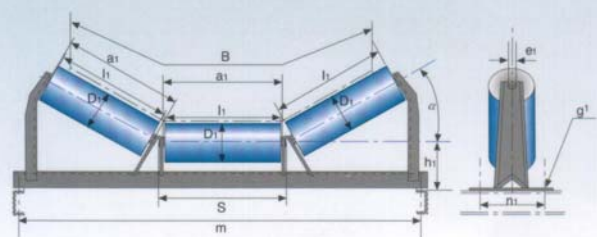
◎ /Excellent ○ /Good △ /General × /Poor



ขนาดลูกกลิ้งมาตรฐาน ของKING

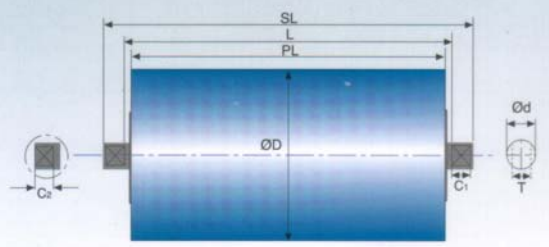
SPECIFICATIONS:

Synthetic Fiber Carrier Roller Unit



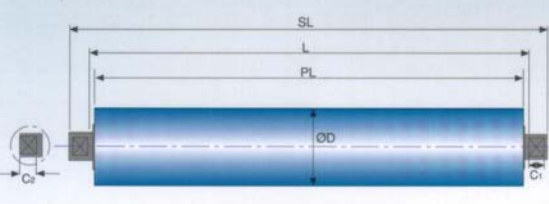
MODEL	Size										g ¹	B	
	α	D ₁	l ₁	a ₁	h ₁	m	n ₁	e ₁	s				
KFR-400	89.1	145	153	+2.4 0	125	640 ± 1.6	140	14.5 ± 0.5	185	185	M12	400	
KFR-450	89.1	165	173	+2.4 0	125	690 ± 1.6	140		205	205		450	
KFR-500	89.1	180	188	+2.4 0	125	740 ± 1.6	140		220	220		500	
KFR-600	89.1	210	218	+2.4 0	140	840 ± 1.6	150		250	250		600	
KFR-650	89.1	225	233	+2.4 0	140	890 ± 1.6	150		265	265		650	
KFR-750	20°	114.3	265	273	+2.4 0	150	1040 ± 2		160	305		315	750
KFR-800		114.3	275	283	+2.4 0	150	1090 ± 2		160	315		325	800
KFR-900		114.3	315	323	+2.4 0	150	1190 ± 2		160	355		365	900
KFR-1000		139.8	350	360	+2.4 0	180	1290 ± 2		180	400		410	1000
KFR-1050		139.8	370	380	+2.4 0	180	1340 ± 2		180	420		430	1050
KFR-1200	30°	139.8	420	430	+2.4 0	180	1490 ± 2	180	470	480	1200		
KFR-1400		152	500	510	+2.4 0	250	1730 ± 2.5	280	555	570	1400		
KFR-1600		152	580	590	+2.4 0	250	1930 ± 2.5	280	635	650	1600		
KFR-1800		152	650	660	+2.4 0	280	2220 ± 2.5	330	705	720	1800		
KFR-2000		152	730	740	+2.4 0	280	2420 ± 2.5	330	785	800	2000		

Synthetic Fiber Carry Roller



MODEL	Specification	Belt Width	D	PL	L	SL	d	C ₁	C ₂	T	Bearing
KCR-400	Ø 89.1x145x175	400	89.1	145	153	175	17/20	8	11	11/14	6203/6204
KCR-450	Ø 89.1x185x195	450	89.1	165	173	195	17/20	8	11	11/14	6203/6204
KCR-500	Ø 89.1x180x210	500	89.1	180	188	210	17/20	8	11	11/14	6203/6204
KCR-600	Ø 89.1x210x240	600	89.1	210	218	240	17/20	8	11	11/14	6203/6204
KCR-650	Ø 89.1x225x255	650	89.1	225	233	255	17/20	8	11	11/14	6203/6204
KCR-750	Ø 114.3x265x295	750	114.3	265	273	295	20/25	8	11	14/18	6204/6205
KCR-800	Ø 114.3x275x305	800	114.3	275	283	305	20/25	8	11	14/18	6204/6205
KCR-900	Ø 114.3x315x345	900	114.3	315	323	345	20/25	8	11	14/18	6204/6205
KCR-1000	Ø 139.8x350x390	1000	114.3	350	360	390	20/25	11.2	15	14/18	6205/6206
KCR-1050	Ø 139.8x370x410	1050	139.8	370	380	410	25/30	11.2	15	18/22.4	6205/6206
KCR-1200	Ø 139.8x420x460	1200	139.8	420	430	460	25/30	11.2	15	18/22.4	6205/6206
KCR-1400	Ø 152.4x500x540	1400	152.4	500	510	540	30/35	11.2	15	22.4/25	6206/6207
KCR-1600	Ø 152.4x580x620	1600	152.4	580	590	620	30/35	11.2	15	22.4/25	6206/6207
KCR-1800	Ø 152.4x650x690	1800	152.4	650	660	690	30/35	11.2	15	22.4/25	6206/6207
KCR-2000	Ø 152.4x730x770	2000	152.4	730	740	770	30/35	11.2	15	22.4/25	6206/6207

Synthetic Fiber Return Roller



MODEL	Specification	Belt Width	D	PL	L	SL	d	C ₁	C ₂	T	Bearing
KRR-400	Ø 89.1x460x505	400	89.1	460	480	505	17/20	8	12.5	11/14	6203/6204
KRR-450	Ø 89.1x510x555	450	89.1	510	530	555	17/20	8	12.5	11/14	6203/6204
KRR-500	Ø 89.1x560x605	500	89.1	560	580	605	17/20	8	12.5	11/14	6203/6204
KRR-600	Ø 89.1x660x705	600	89.1	660	680	705	17/20	8	12.5	11/14	6203/6204
KRR-650	Ø 89.1x710x755	650	89.1	710	730	755	17/20	8	12.5	11/14	6203/6204
KRR-750	Ø 114.3x850x905	750	114.3	850	880	905	20/25	8	12.5	14/18	6204/6205
KRR-800	Ø 114.3x900x955	800	114.3	900	930	955	20/25	8	12.5	14/18	6204/6205
KRR-900	Ø 114.3x1000x1055	900	114.3	1000	1030	1055	20/25	8	12.5	14/18	6204/6205
KRR-1000	Ø 139.8x1100x1165	1000	139.8	1100	1130	1165	25/30	11.2	17.5	18/22.4	6205/6206
KRR-1050	Ø 139.8x1150x1215	1050	139.8	1150	1180	1215	25/30	11.2	17.5	18/22.4	6205/6206
KRR-1200	Ø 139.8x1300x1365	1200	139.8	1300	1330	1365	25/30	11.2	17.5	18/22.4	6205/6206
KRR-1400	Ø 152.4x1530x1585	1400	152.4	1530	1550	1585	30/35	11.2	17.5	22.4/25	6206/6207
KRR-1600	Ø 152.4x1730x1785	1600	152.4	1730	1750	1785	30/35	11.2	17.5	22.4/25	6206/6207
KRR-1800	Ø 152.4x2000x2075	1800	152.4	2000	2040	2075	30/35	11.2	17.5	22.4/25	6206/6207
KRR-2000	Ø 152.4x2200x2275	2000	152.4	2200	2240	2275	30/35	11.2	17.5	22.4/25	6206/6207

Our production is flexible for different sizes and specs, conform to different areas requirements. The above chart meets JIS, CNS standards.