

Catroller[®]

Quality Performance



ROLLER AND PULLEY CATALOG



CONTENT

Content	i-iii
About Us	v
Our Advantage	vii
Production Quality	1
Pipe Cutting Machine	1
Two Side Pipe Grooving	1
Two Side Welding Pipe	1
Two Side Grooving Shaft	2
Two Side Shaft Centering	2
CNC Housing Bearing Treatment	2
Powder Coating	3
Assembling Machine	3
Raw Material Availability	4
Roll Design	5
Seal and Housing Baering Specification For Steel Roller	5
Catroller UHMW-PE Roller FJS Technology	6
Catroller FJS Technology UHMW-PE Roller	6
Catroller Fire resistant UHMW-PE Roller	7
FJS-MA MINING ROLLER	7
Structure Performance	7
Tecnology Parameter	7
LIST PRODUCT	8
Stell Roller	8
Spiral Roller	8
Impact Roller	8
Self Alligning Carry Through	8
Roller Apron	8
Return Rubber Disc	8

CONTENT

Steering Roller	8
Cones Roller	8
Specification of Roller Conveyor	9
Pulley	21
Locking Assembly TTypes	21
Tapper Style Bush	21
Keyless Bushing	21
Pulley lagging Types	21
Pulley In-house testing	22
Specification of Pulley	23
Our Customer	43
Request Form	44

Catroller was founded in 1990 in Jakarta, Indonesia. Intended to fabricate products such as Wheel apron, anchor and housing bearing to fulfill demand from cement and sugar factory. Over the past 10 years, the company has developed from a small-sized factory for manufacturing steel roller into one of the leading manufacturer specialized in manufacturing wide range of heavy duty conveyor rollers & frames, pulley

conveyor, wire mesh, etc. Being in manufacturing sector for more than a decade in Indonesia, Catroller which well known of its high quality product, keep growing by utilizing experienced and commitment of the company vision which is "To become the best roller manufacturing company in Indonesia". Today, our products were widely distributed across Indonesia. With more than 20 clients and various of product we still hold our commitment to serve our customer with the best quality.



OUR ADVANTAGE

High Quality Finishing



Presicion House Bearing Gap



Safe Packaging



Latest Welding Technology



CNC Treatment for Precision Housing Bearing



PRODUCTION QUALITY

Pipe Cutting Machine

Deep cutting machine was used in our production standard. The machine itself have the advantage in high accuration , therefore it can optimize the cutting result. In other hand diffraction can be minimized



Two Side Pipe Grooving

Process of facing intended to smooth down the result of cutting and make path of housing bearing, with the result of guaranteed straightness between two housing bearings.

Two Side Welding Pipe

The welding process is an important phase in roller manufacturing. Our welding machine conduct the process both side at the same time.





Two side grooving shaft

With our machine, making shaft grooving can improve the production time, also guaranteed the result at each side. Therefore, the result aim for the balanced of the shaft.



Two side Shaft Centering Machine

This process is very important to ensure the straightness of the shaft, that will be used on a roller. While bearing position is crucial to the life time of roller with the placement noticing of shaft, bearing housings and the installation process.

CNC Housing Bearing Treatment

CNC treatment for housing bearing tend to achieve pin point precision for high quality housing bearing. Therefore, our housing bearing assure accurate measurement to extend the lifetime of our roller.



Powder Coating

To achieve quality finishing, we applied latest technology for our surface finishing with powder coating treatment.



Assembling Machine

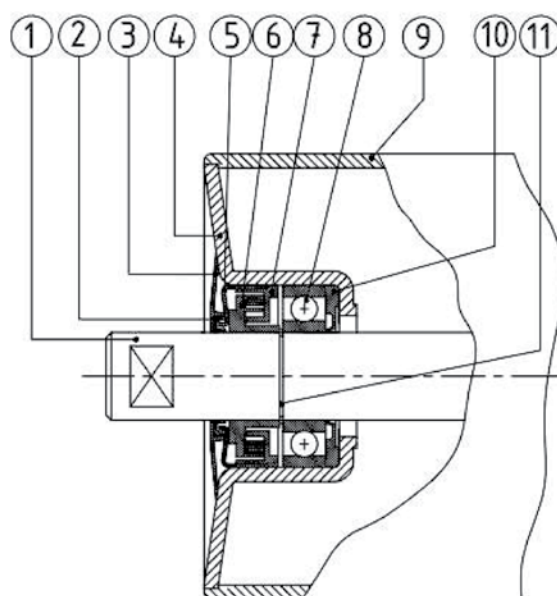
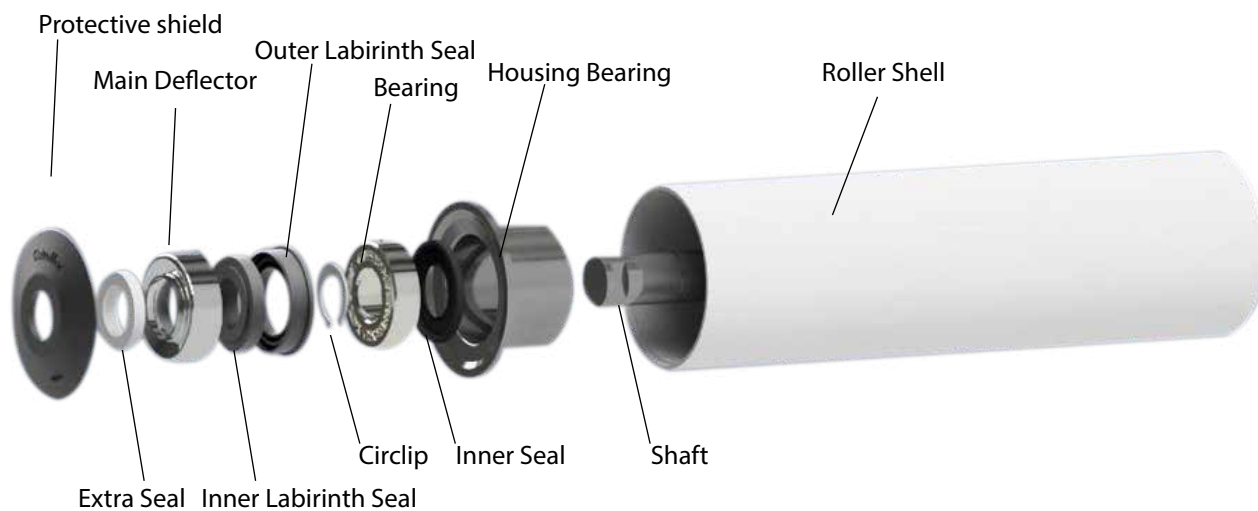
From all production processes, assembling also have important role in making of roller. Installation for inner part is crucial to the result of better rotation and lifetime extension.

Raw Material Availability

We provide all range diameter of pipe starting from diameter Ø 60 - 219 for appliance for roller conveyor. Combine with in-house manufacture of precision Housing Bearing to meet our high quality standart.



Seal and Housing Bearing Specification For Steel Roller



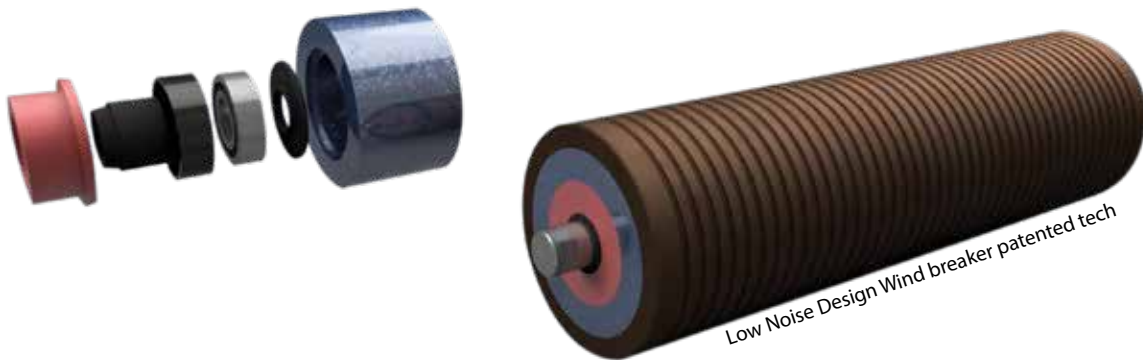
NO.	DESCRIPTION	MATERIAL
1.	Shaft	ST 41
2.	Extra Seal	SS 400
3.	Protective Shield	Nylon
4.	Bearing Support Head	SS 41
5.	Main Deflector	SS 400
6.	Inner Labyrinth Seal	Nylon
7.	Outer Labyrinth Seal	Nylon
8.	Bearing	SKF/FAGZZ C3
9.	Roller Shell	Q 235 B
10.	Inner Seal Ring	Nylon
11.	Circlip	-



Catroller maintain to updated our technology depends on customer perspective. Therefore, UHMW-PE Roller was announced to fulfill our customer demand. Catroller UHMW-PE combining with FJS Technology comes with 2 options: - Conventional UHMW-PE
- Low Noise UHMW-PE

Made from modified ultra high molecular weight poly-ethylene makes our roller has ton of benefits to offer such as:

- Low noise
- Low friction coefficient and strong ability to resist adhesive, prolong the life belt service
- Light Weight and easy to install
- Withstand repeated shock
- Excellent sealing performance
- Weather Resistance



Size and diameter availability :

Diameter	Length
Ø 89	As requested
Ø 108	As requested
Ø 114	As requested
Ø 127	As requested
Ø 133	As requested
Ø 152	As requested
Ø 159	As requested

Bend Width	Belt Speed	Sound Testing Data every 50 m	
		Steel Roller	UHMWPE Roller
800	3 m/s	70-76 Db	68-74Db
1000	3.5 m/s	72-78 Db	70-75 Db
1200	4 m/s	75-82 Db	70-75 Db
1400	4.5 m/s	78-85 Db	70-75 Db

CATROLLER FIRE RESISTANT UHMW-PE ROLLER FJS TECHNOLOGY

Catroller FJS - MA Mining Roller Technology

Improve the underground working environment, safer and more reliable.

In coal mine industry, underground, the working place are more humid, corrosive, have high level of dust and noise, often require overload operation of conveyor.

In 2006, we developed a double-resistance (flame retardant & anti-static) FJS mining roller to solve the problem of coal mine industry.

In 2012, after year of experience in the coal industry, our company launch a new generation of FJS-MA type mining rollers.



Structure Performance

Contact labyrinth seal, water and dust proof, IP67 lower noise, improve working environment and reduce accidents Light weight, easy to replace No sparkle between roller Corrosion-resistant, run smoothly with the spray of water wear level is less than steel roller.



Tecnology Parameter

Parameters of FJS-MA Roller			
No.	Item	Unit	Specification
1	TIR	mm	≤ 0.2
2	Axil displacement	mm	≤ 0.4
3	Axil displacement after failing	mm	≤ 1.2
4	Axial load	KN	> 15
5	Rotation resistance	N	≤2.5
6	Water spray and underwater operating test	g	0
7	Noise level	dB	≤45
8	Friction coefficient	-	≤0.1



Steel Roller



Spiral Roller



Impact Roller



Self Aligning Carry Through



Roller Apron



Return Rubber Disc



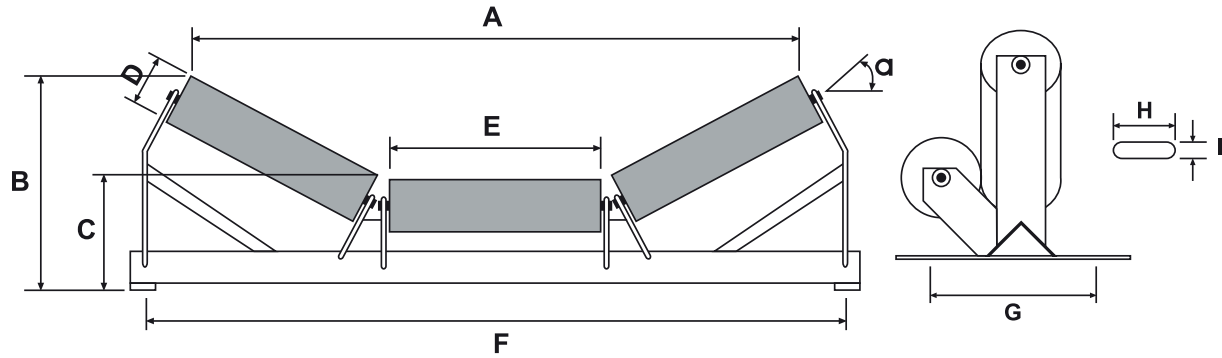
Steering Roller



Cones Roller

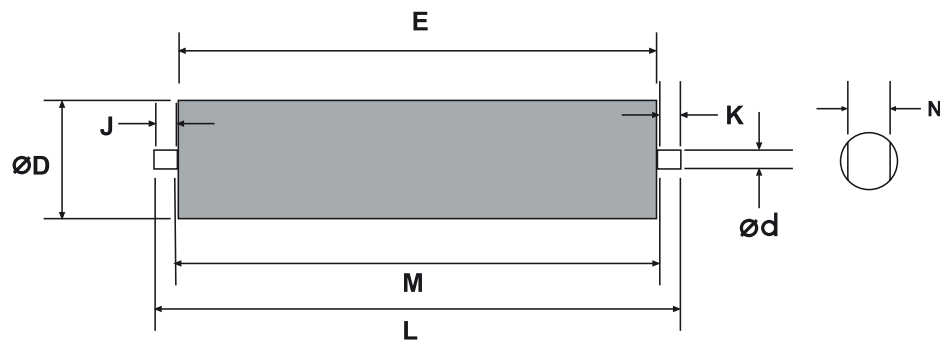


3-ROLL OFFSET THROUGH CARRY ROLLER



BRACKET ROLLER DIMENSION

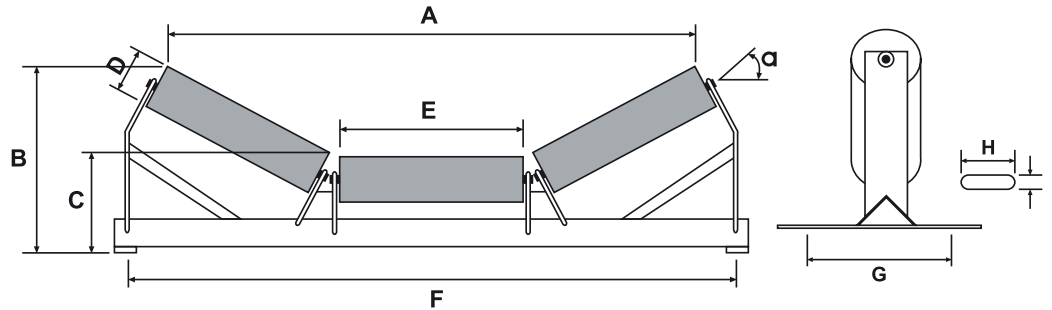
Type	Belt Width	20°		30°		35°		45°		C	ØD	E	F	G	H	I
		A	B	A	B	A	B	A	B							
CAT-350-OCR	350	428	224	390	244	368	252	336	272	166	102	136	600	60	30	17.5
CAT-400-OCR	400	480	230	439	253	416	262	379	284			154	650	60	30	17.5
CAT-450-OCR	450	532	236	489	262	463	272	423	297			172	700	60	30	17.5
CAT-500-OCR	500	581	242	535	270	508	282	464	309			189	750	60	30	17.5
CAT-600-OCR	600	681	254	631	288	601	302	548	334	175	114	224	850	60	30	17.5
CAT-650-OCR	650	739	261	685	298	653	314	596	348			244	900	60	30	17.5
CAT-750-OCR	750	837	273	778	315	743	333	678	372			278	1000	60	30	17.5
CAT-800-OCR	800	883	278	822	323	785	342	717	383			294	1050	60	30	17.5
CAT-900-OCR	900	987	297	918	347	877	370	799	415	181	127	333	1150	60	30	17.5
CAT-1000-OCR	1000	1065	306	992	361	948	385	864	434			360	1250	60	30	17.5
CAT-1050-OCR	1050	1137	315	1060	373	1014	399	924	452			385	1300	60	30	17.5
CAT-1200-OCR	1200	1286	338	1200	404	1148	434	1045	493			438	1450	60	30	17.5



ROLLER DIMENSION

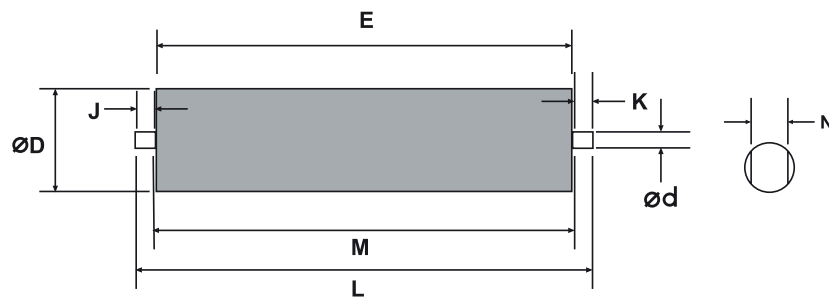
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing ZZ	Weight
CAT-350-OCR-R	350	102	20	136	11	6	168	146	14	6204	1.2
CAT-400-OCR-R	400			154			186	164			1.5
CAT-450-OCR-R	450			172			204	182			1.7
CAT-500-OCR-R	500			189			221	199			1.8
CAT-600-OCR-R	600	114	11	224	8	8	256	234	18	6305	2
CAT-650-OCR-R	650			244			276	254			2.1
CAT-750-OCR-R	750			278			310	288			2.3
CAT-800-OCR-R	800			294			326	304			2.4
CAT-900-OCR-R	900	127	25	333	12	11	365	343	18	6305	3.3
CAT-1000-OCR-R	1000			360			392	370			3.5
CAT-1050-OCR-R	1050			385			417	395			3.6
CAT-1200-OCR-R	1200			438			474	450			4.4

3-ROLL INLINE THROUGH CARRY ROLLER



BRACKET ROLLER DIMENSION

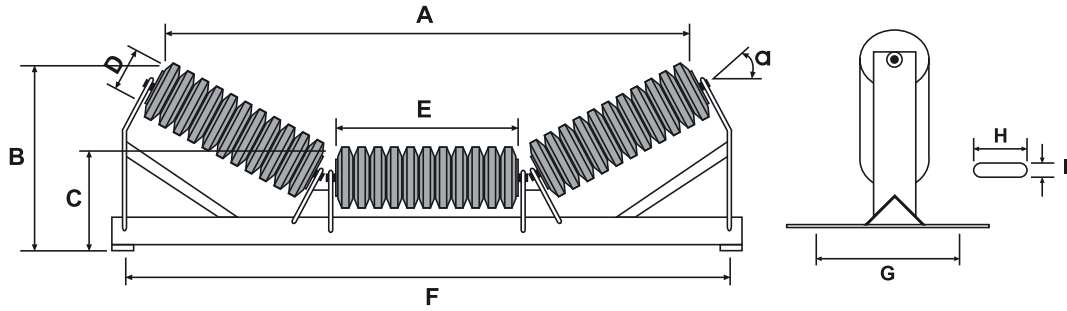
Type	Belt Width	20°		30°		35°		45°		C	ØD	E	F	G	H	I
		A	B	A	B	A	B	A	B							
CAT-500-ICR	500	606	275	565	303	541	317	492	340	205	127	191	750	140	30	17.5
CAT-600-ICR	600	707	286	660	320	633	337	577	365			226	850		30	17.5
CAT-650-ICR	650	764	293	715	330	686	348	625	379			246	900		30	17.5
CAT-750-ICR	750	862	305	808	347	776	368	707	403			280	1000		30	17.5
CAT-800-ICR	800	908	317	852	362	818	384	746	422	212	133	296	1050	150	30	17.5
CAT-900-ICR	900	1012	330	953	381	915	405	835	448			333	1150		30	17.5
CAT-1000-ICR	1000	1092	348	1026	403	987	430	900	476			360	1250		30	17.5
CAT-1050-ICR	1050	1164	357	1095	416	1053	444	960	494			385	1300		30	17.5
CAT-1200-ICR	1200	1317	386	1240	453	1192	485	1088	542	238	152	438	1450	180	30	17.5
CAT-1350-ICR	1350	1467	404	1382	479	1330	515	1214	579			490	1650		30	17.5
CAT-1400-ICR	1400	1484	414	1398	490	1345	527	1228	591			496	1700		30	17.5
CAT-1500-ICR	1500	1619	430	1526	514	1469	554	1324	624			543	1800	200	30	17.5
CAT-1600-ICR	1600	1677	457	1581	544	1522	585	1390	658	268	159	563	2000		30	17.5
CAT-1800-ICR	1800	1861	479	1756	576	1691	622	1545	704			627	2200		30	17.5
CAT-2000-ICR	2000	2092	553	1969	662	1893	713	1735	804			706	2400	280	30	17.5
CAT-2200-ICR	2200	2319	580	2184	702	2102	758	1926	860	314	178	785	2600		30	17.5



ROLLER DIMENSION

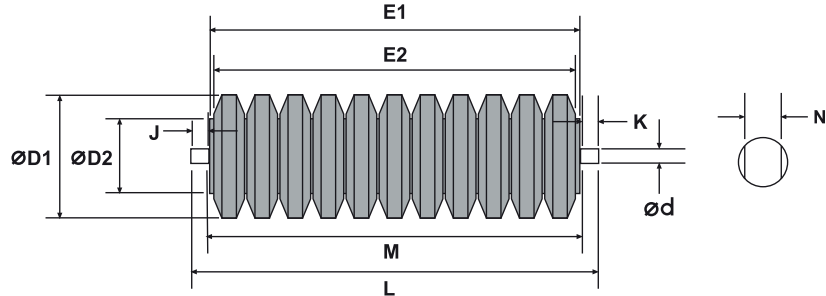
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing 2Z	Weight
CAT-500-ICR-R	500	127	20	191	11	8	212	201	14	6204	3.2
CAT-600-ICR-R	600			226			247	236			3.7
CAT-650-ICR-R	650			246			267	256			4.2
CAT-750-ICR-R	750			280			301	290			4.4
CAT-800-ICR-R	800	133	30	296	15	11	317	306	18	6205/6305	4.8
CAT-900-ICR-R	900			333			354	343			5.2
CAT-1000-ICR-R	1000			360			381	370			6.1
CAT-1050-ICR-R	1050			385			406	395			6.6
CAT-1200-ICR-R	1200	152	35	438	16	11	465	450	22	6306	7.6
CAT-1350-ICR-R	1350			490			517	502			8.2
CAT-1400-ICR-R	1400			496			523	508			9
CAT-1500-ICR-R	1500			543			570	555			10.8
CAT-1600-ICR-R	1600	159	35	563	16	11	590	575	28	6307	11.5
CAT-1800-ICR-R	1800			627			654	639			12.3
CAT-2000-ICR-R	2000			706			737	721			15.8
CAT-2200-ICR-R	2200			785			816	800			16.9

3-ROLL INLINE THROUGH IMPACT ROLLER



BRACKET ROLLER DIMENSION

Type	Belt Width	20°		30°		35°		45°		C	ØD	E	F	G	H	I
		A	B	A	B	A	B	A	B							
CAT-500-IIR	500	606	275	565	303	541	317	492	340	205	127	191	750	140	30	17.5
CAT-600-IIR	600	707	286	660	320	633	337	577	365			226	850		30	17.5
CAT-650-IIR	650	764	293	715	330	686	348	625	379			246	900		30	17.5
CAT-750-IIR	750	862	305	808	347	776	368	707	403			280	1000		30	17.5
CAT-800-IIR	800	908	317	852	362	818	384	746	422	212	127	296	1050	150	30	17.5
CAT-900-IIR	900	1012	330	953	381	915	405	835	448			333	1150		30	17.5
CAT-1000-IIR	1000	1092	348	1026	403	987	430	900	476	227	133	360	1250	165	30	17.5
CAT-1050-IIR	1050	1164	357	1095	416	1053	444	960	494			385	1300		30	17.5
CAT-1200-IIR	1200	1317	386	1240	453	1192	485	1088	542	238	152	438	1450	180	30	17.5
CAT-1350-IIR	1350	1467	404	1382	479	1330	515	1214	579			490	1650		30	17.5
CAT-1400-IIR	1400	1484	414	1398	490	1345	527	1228	591	249	159	496	1700	200	30	17.5
CAT-1500-IIR	1500	1619	430	1526	514	1469	554	1324	624			543	1800		30	17.5
CAT-1600-IIR	1600	1677	457	1581	544	1522	585	1390	658	268	178	563	2000	240	30	17.5
CAT-1800-IIR	1800	1861	479	1756	576	1691	622	1545	704			627	2200		30	17.5
CAT-2000-IIR	2000	2092	553	1969	662	1893	713	1735	804	314	178	706	2400	280	30	17.5
CAT-2200-IIR	2200	2319	580	2184	702	2102	758	1926	860			785	2600		30	17.5



ROLLER DIMENSION

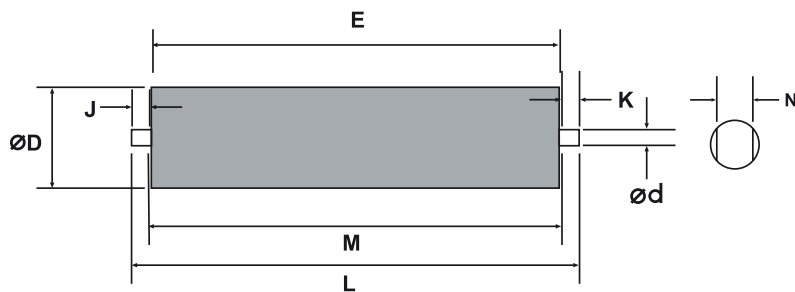
Type	Belt Width	ØD1	ØD2	Ød	E1	E2	J	K	L	M	N	Bearing Z2	Weight
CAT-500-IIR-R	500	127	60	20	191	181	11	8	212	201	14	6204	3.5
CAT-600-IIR-R	600				226	216			247	236			4.2
CAT-650-IIR-R	650				246	236			267	256			5
CAT-750-IIR-R	750				280	270			301	290			5.2
CAT-800-IIR-R	800	133	89	25	296	286	11	8	317	306	18	6205/6305	5.9
CAT-900-IIR-R	900				333	323			354	343			6.5
CAT-1000-IIR-R	1000				360	350			381	370			7.3
CAT-1050-IIR-R	1050				385	375			406	395			8.1
CAT-1200-IIR-R	1200	152	114	30	438	428	15	11	465	450	22	6306	10.3
CAT-1350-IIR-R	1350				490	480			517	502			11.1
CAT-1400-IIR-R	1400				496	486			523	508			12.2
CAT-1500-IIR-R	1500				543	533			570	555			14.2
CAT-1600-IIR-R	1600	159	114	35	563	553	16	11	590	575	28	6307	15.7
CAT-1800-IIR-R	1800				627	617			654	639			17.4
CAT-2000-IIR-R	2000				706	696			737	721			20.2
CAT-2200-IIR-R	2200				785	775			816	800			22.3

1-ROLL FLAT CARRY ROLLER



BRACKET ROLLER DIMENSION

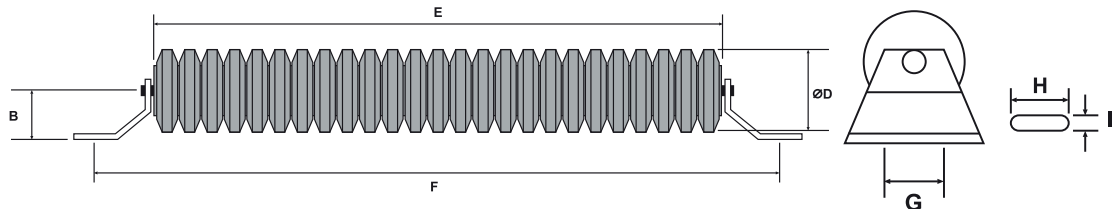
Type	Belt Width	B	ØD	E	F	G	H	I
CAT-350-RFR	350	144	102	441	600	60	30	17.5
CAT-400-RFR	400			491	650	60	30	17.5
CAT-450-RFR	450			541	700	60	30	17.5
CAT-500-RFR	500	152	114	594	750	60	30	17.5
CAT-600-RFR	600			694	850	60	30	17.5
CAT-650-RFR	650			744	900	60	30	17.5
CAT-750-RFR	750	156	127	844	1000	60	30	17.5
CAT-800-RFR	800			894	1050	60	30	17.5
CAT-900-RFR	900			994	1150	60	30	17.5
CAT-1000-RFR	1000	162	133	1094	1250	60	30	17.5
CAT-1050-RFR	1050			1144	1300	60	30	17.5
CAT-1200-RFR	1200			1294	1450	60	30	17.5
CAT-1350-RFR	1350	171	152	1496	1650	60	60	17.5
CAT-1400-RFR	1400			1546	1700	60	60	17.5
CAT-1500-RFR	1500	174	159	1646	1800	60	60	17.5
CAT-1600-RFR	1600			1846	2000	60	60	17.5
CAT-1800-RFR	1800	184	178	2046	2200	60	60	17.5



ROLLER DIMENSION

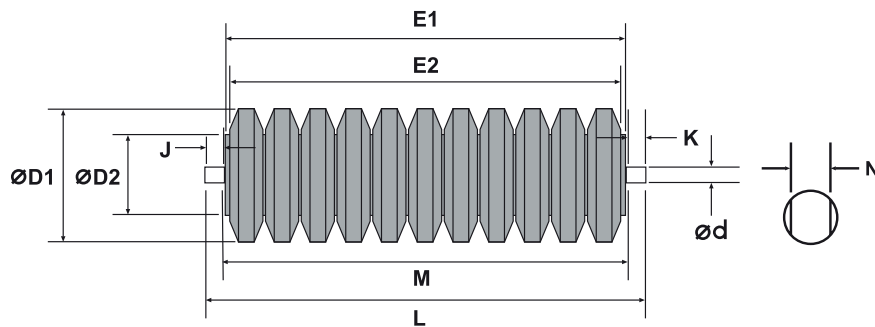
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing ZZ	Weight
CAT-350-RFR-R	350	102	20	441	11	8	473	451	14	6204	3.8
CAT-400-RFR-R	400			491			552	530			4.5
CAT-450-RFR-R	450			541			602	580			5.4
CAT-500-RFR-R	500	114	20	594	11	8	626	604	14	6204	5.9
CAT-600-RFR-R	600			694			726	704			6.6
CAT-650-RFR-R	650			744			776	754			7.2
CAT-750-RFR-R	750	127	20	844	11	8	876	854	14	6204	9
CAT-800-RFR-R	800			894			926	904			9.6
CAT-900-RFR-R	900			994			1026	1004			10.8
CAT-1000-RFR-R	1000	133	25	1094	15	11	1126	1140	18	6205 / 6305	11.7
CAT-1050-RFR-R	1050			1144			1178	1154			16.7
CAT-1200-RFR-R	1200			1294			1336	1306			18.6
CAT-1350-RFR-R	1350	152	30	1496	15	11	1538	1508	22	6306	23.4
CAT-1400-RFR-R	1400			1546			1588	1558			24.7
CAT-1500-RFR-R	1500	159	35	1646	15	11	1688	1658	28	6307	27.9
CAT-1600-RFR-R	1600			1846			1888	1858			29.5
CAT-1800-RFR-R	1800	178	178	2046			2088	2058			32.2

1-ROLL FLAT IMPACT ROLLER



BRACKET ROLLER DIMENSION

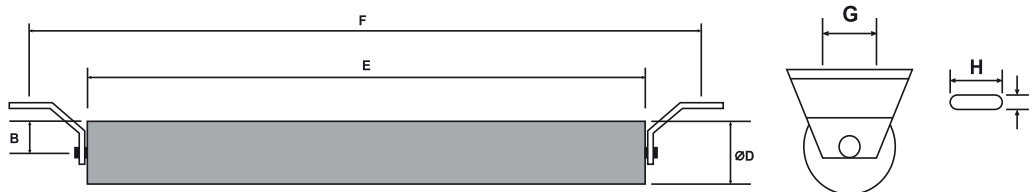
Type	Belt Width	B	ØD	E	F	G	H	I
CAT-350-IFR	350	144	102	441	600	60	30	17.5
CAT-400-IFR	400			491	650	60	30	17.5
CAT-450-IFR	450			541	700	60	30	17.5
CAT-500-IFR	500	152	114	594	750	60	30	17.5
CAT-600-IFR	600			694	850	60	30	17.5
CAT-650-IFR	650			744	900	60	30	17.5
CAT-750-IFR	750	156	127	844	1000	60	30	17.5
CAT-800-IFR	800			894	1050	60	30	17.5
CAT-900-IFR	900			994	1150	60	30	17.5
CAT-1000-IFR	1000	162	133	1094	1250	60	30	17.5
CAT-1050-IFR	1050			1144	1300	60	30	17.5
CAT-1200-IFR	1200			1294	1450	60	30	17.5
CAT-1350-IFR	1350	171	152	1496	1650	60	60	17.5
CAT-1400-IFR	1400			1546	1700	60	60	17.5
CAT-1500-IFR	1500			1646	1800	60	60	17.5
CAT-1600-IFR	1600	174	159	1846	2000	60	60	17.5
CAT-1800-IFR	1800			2046	2200	60	60	17.5



ROLLER DIMENSION

Type	Belt Width	ØD1	ØD2	Ød	E1	E2	J	K	L	M	N	Bearing ZZ	Weight
CAT-350-IFR-R	350	102	60	20	441	431	11	6	473	451	14	6204	3.8
CAT-400-IFR-R	400				491	481			552	530			4.5
CAT-450-IFR-R	450				541	531			602	580			5.4
CAT-500-IFR-R	500	114	60	20	594	584	11	8	626	604	14	6204	5.9
CAT-600-IFR-R	600				694	684			726	704			6.6
CAT-650-IFR-R	650				744	734			776	754			7.2
CAT-750-IFR-R	750	127	60	20	844	834	11	8	876	854	14	6204	9
CAT-800-IFR-R	800				894	884			926	904			9.6
CAT-900-IFR-R	900				994	984			1026	1004			10.8
CAT-1000-IFR-R	1000	133	89	25	1094	1084	11	8	1126	1104	18	6205 / 6305	11.7
CAT-1050-IFR-R	1050				1144	1134			1178	1154			16.7
CAT-1200-IFR-R	1200				1294	1284			1336	1306			18.6
CAT-1350-IFR-R	1350	152	114	30	1496	1486	15	11	1538	1508	22	6306	23.4
CAT-1400-IFR-R	1400				1546	1536			1588	1558			24.7
CAT-1500-IFR-R	1500				1646	1636			1688	1658			27.9
CAT-1600-IFR-R	1600	159	35	35	1846	1836	15	11	1888	1858	28	6307	29.5
CAT-1800-IFR-R	1800				2046	2036			2088	2058			32.2

1-ROLL FLAT RETURN ROLLER



BRACKET ROLLER DIMENSION

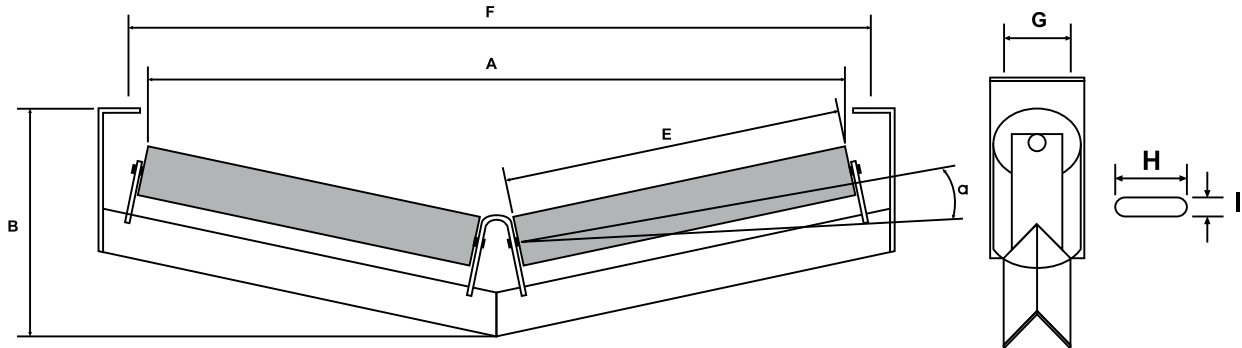
Type	Belt Width	B	ØD	E	F	G	H	I
CAT-350-RFR	350	144	102	441	600	60	30	17.5
CAT-400-RFR	400			491	650	60	30	17.5
CAT-450-RFR	450			541	700	60	30	17.5
CAT-500-RFR	500	152	114	594	750	60	30	17.5
CAT-600-RFR	600			694	850	60	30	17.5
CAT-650-RFR	650			744	900	60	30	17.5
CAT-750-RFR	750	156	127	844	1000	60	30	17.5
CAT-800-RFR	800			894	1050	60	30	17.5
CAT-900-RFR	900			994	1150	60	30	17.5
CAT-1000-RFR	1000			1094	1250	60	30	17.5
CAT-1050-RFR	1050	162	133	1144	1300	60	30	17.5
CAT-1200-RFR	1200			1294	1450	60	30	17.5
CAT-1350-RFR	1350	171	152	1496	1650	60	60	17.5
CAT-1400-RFR	1400			1546	1700	60	60	17.5
CAT-1500-RFR	1500	174	159	1646	1800	60	60	17.5
CAT-1600-RFR	1600			1846	2000	60	60	17.5
CAT-1800-RFR	1800	184	178	2046	2200	60	60	17.5



ROLLER DIMENSION

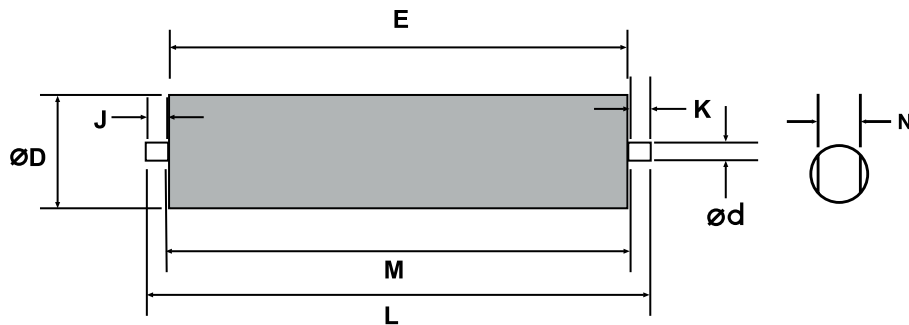
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing 2Z	Weight
CAT-350-RFR-R	350	102	20	441	11	8	473	451	14	6204	3.8
CAT-400-RFR-R	400			491			552	530			4.5
CAT-450-RFR-R	450			541			602	580			5.4
CAT-500-RFR-R	500	114	20	594	11	8	626	604	14	6204	5.9
CAT-600-RFR-R	600			694			726	704			6.6
CAT-650-RFR-R	650			744			776	754			7.2
CAT-750-RFR-R	750	127	20	844	11	8	876	854	14	6204	9
CAT-800-RFR-R	800			894			926	904			9.6
CAT-900-RFR-R	900			994			1026	1004			10.8
CAT-1000-RFR-R	1000			1094			1126	1104			11.7
CAT-1050-RFR-R	1050	133	25	1144	15	11	1178	1154	18	6205 / 6305	16.7
CAT-1200-RFR-R	1200			1294			1336	1306			18.6
CAT-1350-RFR-R	1350			1496			1538	1508			23.4
CAT-1400-RFR-R	1400	152	30	1546	15	11	1588	1558	22	6306	24.7
CAT-1500-RFR-R	1500			1646			1688	1658			27.9
CAT-1600-RFR-R	1600	159	35	1846	15	11	1888	1858	28	6307	29.5
CAT-1800-RFR-R	1800			2046			2088	2058			32.2

2-ROLL V-FLAT RETURN ROLLER



BRACKET ROLLER DIMENSION

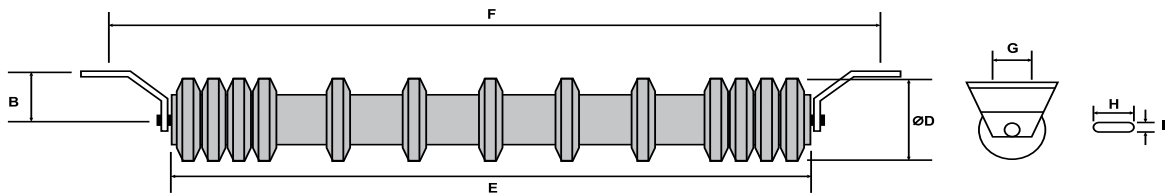
Type	Belt Width	5°		10°		15°		ØD	E	F	G	H	I
		A	B	A	B	A	B						
CAT-600-VRD	600	724	189	707	230	685	273	127	343	850	60	30	17.5
CAT-650-VRD	650	768	191	750	235	727	280		365	900	60	30	17.5
CAT-750-VRD	750	876	195	857	243	831	294		419	1000	60	30	17.5
CAT-800-VRD	800	913	197	894	248	868	300		438	1050	60	30	17.5
CAT-900-VRD	900	1017	202	997	257	969	314		490	1150	60	30	17.5
CAT-1000-VRD	1000	1123	206	1101	265	1071	327	133	543	1250	60	30	17.5
CAT-1050-VRD	1050	1162	209	1140	270	1110	334		563	1300	60	30	17.5
CAT-1200-VRD	1200	1332	215	1308	283	1270	354		648	1450	60	30	17.5
CAT-1350-VRD	1350	1483	231	1457	308	1421	388	152	724	1650	60	30	17.5
CAT-1400-VRD	1400	1517	233	1491	312	1453	394		741	1700	60	30	17.5
CAT-1500-VRD	1500	1619	248	1591	332	1552	420		792	1800	60	30	17.5
CAT-1600-VRD	1600	1718	265	1690	358	1649	454	159	842	2000	60	30	17.5
CAT-1800-VRD	1800	1912	274	1881	376	1836	481		939	2200	60	30	17.5
CAT-2000-VRD	2000	2121	301	2086	411	2039	526	178	1044	2400	60	30	17.5
CAT-2200-VRD	2200	2320	309	2283	429	2232	553		1144	2600	60	30	17.5



ROLLER DIMENSION

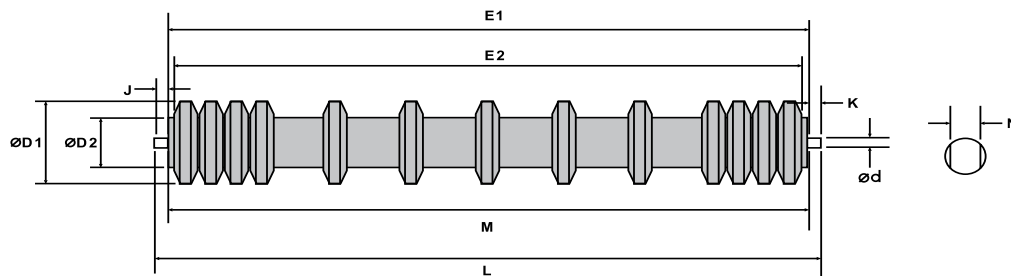
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing 2Z	Weight
CAT-600-VRD-R	600	127	20	343	11	8	375	353	14	6204	4.5
CAT-650-VRD-R	650			365			397	375			5.2
CAT-750-VRD-R	750			419			451	429			6.2
CAT-800-VRD-R	800			438			470	448			6.8
CAT-900-VRD-R	900			490			522	500			7.9
CAT-1000-VRD-R	1000	133	25	543	15	11	575	553	18	6205 6305	9.5
CAT-1050-VRD-R	1050			563			595	573		10.6	
CAT-1200-VRD-R	1200			648			690	660		13.2	
CAT-1350-VRD-R	1350	152	30	724	15	11	766	736	22	6306	16.2
CAT-1400-VRD-R	1400			741			784	754			17.5
CAT-1500-VRD-R	1500			792			834	804			20.1
CAT-1600-VRD-R	1600	159	35	842	15	11	884	854	28	6307	22.4
CAT-1800-VRD-R	1800			939			981	951			25.6
CAT-2000-VRD-R	2000			1044			16				1089
CAT-2200-VRD-R	2200	1144	1189	1159	32.2						

1-ROLL FLAT RETURN DISK ROLLER



BRACKET ROLLER DIMENSION

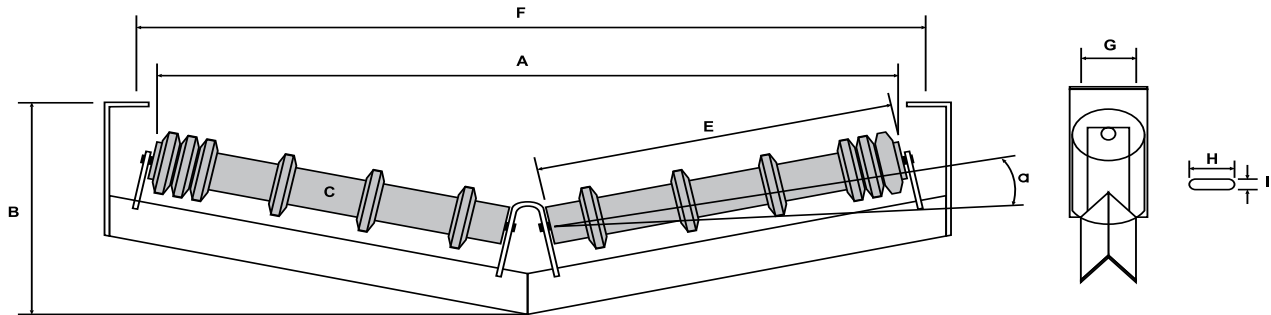
Type	Belt Width	B	ØD	E	F	G	H	I
CAT-350-IFR	350	144	102	441	600	60	30	17.5
CAT-400-IFR	400			491	650	60	30	17.5
CAT-450-IFR	450			541	700	60	30	17.5
CAT-500-IFR	500	152	114	594	750	60	30	17.5
CAT-600-IFR	600			694	850	60	30	17.5
CAT-650-IFR	650			744	900	60	30	17.5
CAT-750-IFR	750	156	127	844	1000	60	30	17.5
CAT-800-IFR	800			894	1050	60	30	17.5
CAT-900-IFR	900			994	1150	60	30	17.5
CAT-1000-IFR	1000	162	133	1094	1250	60	30	17.5
CAT-1050-IFR	1050			1144	1300	60	30	17.5
CAT-1200-IFR	1200			1294	1450	60	30	17.5
CAT-1350-IFR	1350	171	152	1496	1650	60	60	17.5
CAT-1400-IFR	1400			1546	1700	60	60	17.5
CAT-1500-IFR	1500	174	159	1646	1800	60	60	17.5
CAT-1600-IFR	1600			1846	2000	60	60	17.5
CAT-1800-IFR	1800	184	178	2046	2200	60	60	17.5



ROLLER DIMENSION

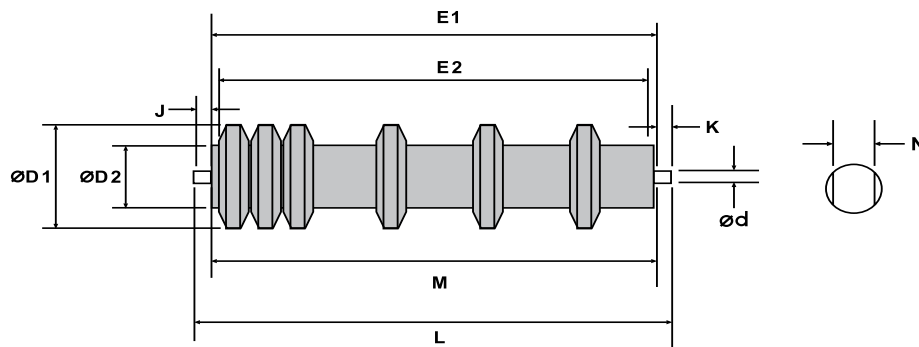
Type	Belt Width	ØD1	ØD2	Ød	E1	E2	J	K	L	M	N	Bearing ZZ	Weight
CAT-350-IFR-R	350	102	60	20	441	431	11	6	473	451	14	6204	3.8
CAT-400-IFR-R	400				491	481		8	552	530			4.5
CAT-450-IFR-R	450				541	531			602	580			5.4
CAT-500-IFR-R	500	114	60	20	594	584	11	8	626	604	14	6204	5.9
CAT-600-IFR-R	600				694	684			726	704			6.6
CAT-650-IFR-R	650				744	734			776	754			7.2
CAT-750-IFR-R	750	127	60	20	844	834	11	8	876	854	14	6204	9
CAT-800-IFR-R	800				894	884			926	904			9.6
CAT-900-IFR-R	900				994	984			1026	1004			10.8
CAT-1000-IFR-R	1000	133	89	25	1094	1084	11	8	1126	1104	14	6204	11.7
CAT-1050-IFR-R	1050				1144	1134			1178	1154			16.7
CAT-1200-IFR-R	1200				1294	1284			1336	1306			18.6
CAT-1350-IFR-R	1350	152	114	30	1496	1486	15	11	1538	1508	22	6306	23.4
CAT-1400-IFR-R	1400				1546	1536			1588	1558			24.7
CAT-1500-IFR-R	1500				1646	1636			1688	1658			27.9
CAT-1600-IFR-R	1600	159	114	35	1846	1836	15	11	1888	1858	28	6307	29.5
CAT-1800-IFR-R	1800				2046	2036			2088	2058			32.2

2-ROLLV-DISC RETURN ROLLER



BRACKET ROLLER DIMENSION

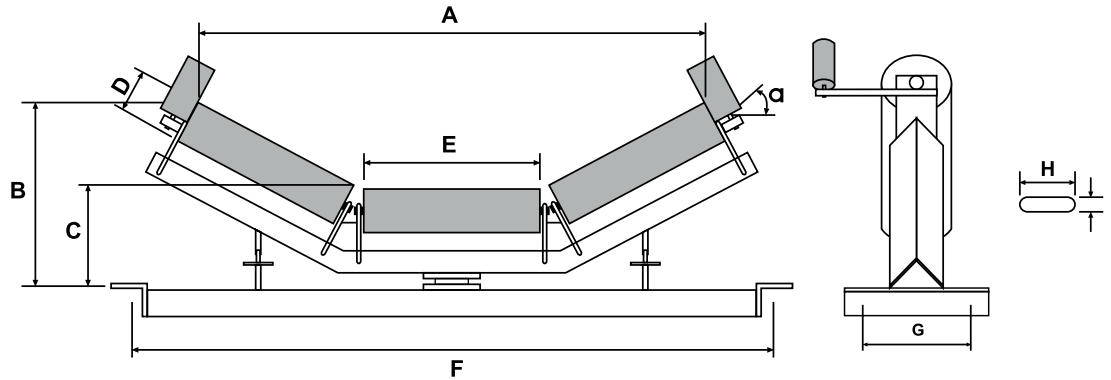
Type	Belt Width	5°		10°		15°		ØD	E	F	G	H	I
		A	B	A	B	A	B						
CAT-600-VRD	600	724	189	707	230	685	273	127	343	850	60	30	17.5
CAT-650-VRD	650	768	191	750	235	727	280		365	900	60	30	17.5
CAT-750-VRD	750	876	195	857	243	831	294		419	1000	60	30	17.5
CAT-800-VRD	800	913	197	894	248	868	300		438	1050	60	30	17.5
CAT-900-VRD	900	1017	202	997	257	969	314	133	490	1150	60	30	17.5
CAT-1000-VRD	1000	1123	206	1101	265	1071	327		543	1250	60	30	17.5
CAT-1050-VRD	1050	1162	209	1140	270	1110	334		563	1300	60	30	17.5
CAT-1200-VRD	1200	1332	215	1308	283	1270	354		648	1450	60	30	17.5
CAT-1350-VRD	1350	1483	231	1457	308	1421	388	152	724	1650	60	30	17.5
CAT-1400-VRD	1400	1517	233	1491	312	1453	394		741	1700	60	30	17.5
CAT-1500-VRD	1500	1619	248	1591	332	1552	420		792	1800	60	30	17.5
CAT-1600-VRD	1600	1718	265	1690	358	1649	454		842	2000	60	30	17.5
CAT-1800-VRD	1800	1912	274	1881	376	1836	481	159	939	2200	60	30	17.5
CAT-2000-VRD	2000	2121	301	2086	411	2039	526		1044	2400	60	30	17.5
CAT-2200-VRD	2200	2320	309	2283	429	2232	553		1144	2600	60	30	17.5



ROLLER DIMENSION

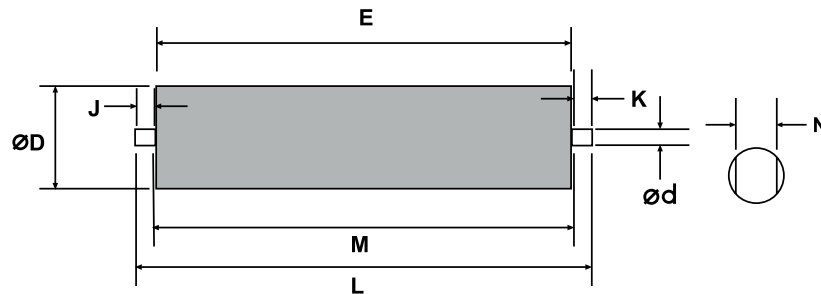
Type	Belt Width	ØD1	ØD2	Ød	E1	E2	J	K	L	M	N	Bearing ZZ	Weight
CAT-600-VRD-R	600	127	60	20	343	333	11	8	375	353	14	6204	4.5
CAT-650-VRD-R	650				365	355			397	375			5.2
CAT-750-VRD-R	750				419	409			451	429			6.2
CAT-800-VRD-R	800				438	428			470	448			6.8
CAT-900-VRD-R	900	133	89	25	490	480	15	11	522	500	18	6205 / 6305	7.9
CAT-1000-VRD-R	1000				543	533			575	553			9.5
CAT-1050-VRD-R	1050				563	553			595	573			10.6
CAT-1200-VRD-R	1200				648	638			690	660			13.2
CAT-1350-VRD-R	1350	152	114	30	724	714	15	11	766	736	22	6306	16.2
CAT-1400-VRD-R	1400				741	731			784	754			17.5
CAT-1500-VRD-R	1500				792	782			834	804			20.1
CAT-1600-VRD-R	1600				842	832			884	854			22.4
CAT-1800-VRD-R	1800	178	114	35	939	929	15	11	981	951	28	6307	25.6
CAT-2000-VRD-R	2000				1044	1034			1089	1059			29.5
CAT-2200-VRD-R	2200				1144	1134			1189	1159			32.2

SELF ALIGNING CARRY ROLLER



BRACKET ROLLER DIMENSION

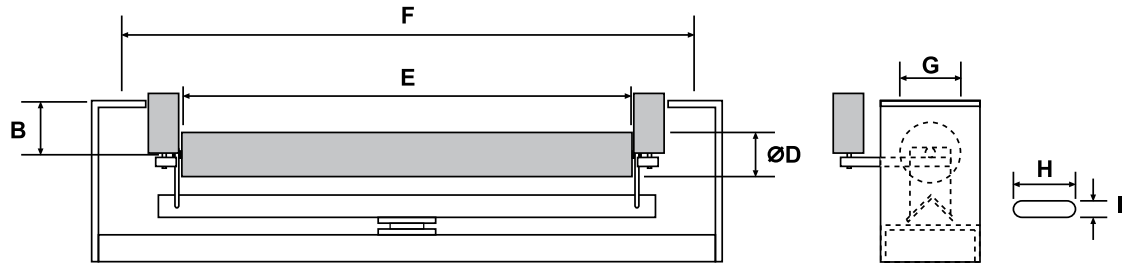
Type	Belt Width	20°		30°		35°		45°		C	ØD	E	F	G	H	I
		A	B	A	B	A	B	A	B							
CAT-500-SACR	500	606	275	565	303	541	317	492	340	205	127	191	750	140	30	17.5
CAT-600-SACR	600	707	286	660	320	633	337	577	365			226	850		30	17.5
CAT-650-SACR	650	764	293	715	330	686	348	625	379			246	900		30	17.5
CAT-750-SACR	750	862	305	808	347	776	368	707	403			280	1000		30	17.5
CAT-800-SACR	800	908	317	852	362	818	384	746	422			296	1050		30	17.5
CAT-900-SACR	900	1012	330	953	381	915	405	835	448	212	127	333	1150	150	30	17.5
CAT-1000-SACR	1000	1092	348	1026	403	987	430	900	476			360	1250		30	17.5
CAT-1050-SACR	1050	1164	357	1095	416	1053	444	960	494	227	133	385	1300	165	30	17.5
CAT-1200-SACR	1200	1317	386	1240	453	1192	485	1088	542			438	1450		30	17.5
CAT-1350-SACR	1350	1467	404	1382	479	1330	515	1214	579	238	152	490	1650	180	30	17.5
CAT-1400-SACR	1400	1484	414	1398	490	1345	527	1228	591			496	1700		30	17.5
CAT-1500-SACR	1500	1619	430	1526	514	1469	554	1324	624	249	159	543	1800	200	30	17.5
CAT-1600-SACR	1600	1677	457	1581	544	1522	585	1390	658			563	2000		30	17.5
CAT-1800-SACR	1800	1861	479	1756	576	1691	622	1545	704	268	178	627	2200	240	30	17.5
CAT-2000-SACR	2000	2092	553	1969	662	1893	713	1735	804			706	2400		30	17.5
CAT-2200-SACR	2200	2319	580	2184	702	2102	758	1926	860	314	178	785	2600	280	30	17.5



ROLLER DIMENSION

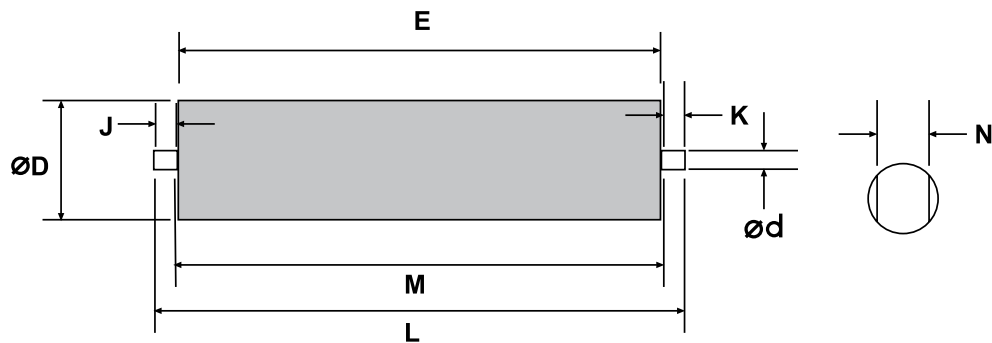
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing 2Z	Weight
CAT-500-SACR-R	500	127	20	191	11	8	212	201	14	6204	3.2
CAT-600-SACR-R	600			226			247	236			3.7
CAT-650-SACR-R	650			246			267	256			4.2
CAT-750-SACR-R	750			280			301	290			4.4
CAT-800-SACR-R	800			296			317	306			4.8
CAT-900-SACR-R	900	133	30	333	15	11	354	343	18	6205 / 6305	5.2
CAT-1000-SACR-R	1000			360			381	370			6.1
CAT-1050-SACR-R	1050			385			406	395			6.6
CAT-1200-SACR-R	1200	152	30	438	15	11	465	450	22	6306	7.6
CAT-1350-SACR-R	1350			490			517	502			8.2
CAT-1400-SACR-R	1400			496			523	508			9
CAT-1500-SACR-R	1500	159	35	543	16	11	570	555	28	6307	10.8
CAT-1600-SACR-R	1600			563			590	575			11.5
CAT-1800-SACR-R	1800			627			654	639			12.3
CAT-2000-SACR-R	2000	178	35	706	16	11	737	721	28	6307	15.8
CAT-2200-SACR-R	2200			785			816	800			16.9

SELF ALIGNING RETURN ROLLER



BRACKET ROLLER DIMENSION

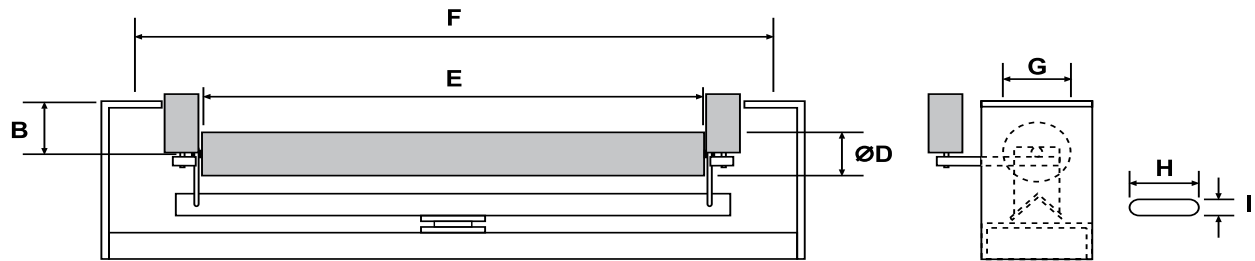
Type	Belt Width	B	ØD	E	F	G	H	I
CAT-500-RFR	500	152	114	594	750	60	30	17.5
CAT-600-RFR	600			694	850	60	30	17.5
CAT-650-RFR	650			744	900	60	30	17.5
CAT-750-RFR	750	156	127	844	1000	60	30	17.5
CAT-800-RFR	800			894	1050	60	30	17.5
CAT-900-RFR	900			994	1150	60	30	17.5
CAT-1000-RFR	1000			1094	1250	60	30	17.5
CAT-1050-RFR	1050	162	133	1144	1300	60	30	17.5
CAT-1200-RFR	1200			1294	1450	60	30	17.5
CAT-1350-RFR	1350	171	152	1496	1650	60	60	17.5
CAT-1400-RFR	1400			1546	1700	60	60	17.5
CAT-1500-RFR	1500	174	159	1646	1800	60	60	17.5
CAT-1600-RFR	1600			1846	2000	60	60	17.5
CAT-1800-RFR	1800	184	178	2046	2200	60	60	17.5



ROLLER DIMENSION

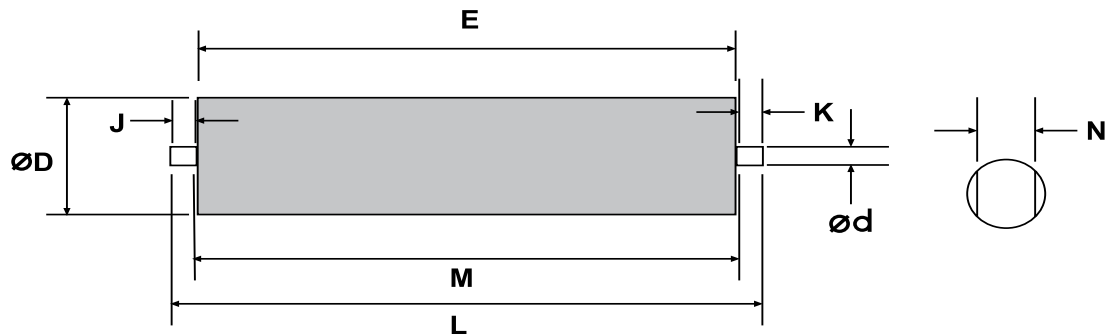
Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing 2Z	Weight
CAT-500-RFR-R	500	114	20	594	11	8	626	604	14	6204	5.9
CAT-600-RFR-R	600			694			726	704			6.6
CAT-650-RFR-R	650			744			776	754			7.2
CAT-750-RFR-R	750	127	20	844	11	8	876	854	14	6204	9
CAT-800-RFR-R	800			894			926	904			9.6
CAT-900-RFR-R	900			994			1026	1004			10.8
CAT-1000-RFR-R	1000			1094			1126	1140			11.7
CAT-1050-RFR-R	1050	133	25	1144	15	11	1178	1154	18	6205 / 6305	16.7
CAT-1200-RFR-R	1200			1294			1336	1306			18.6
CAT-1350-RFR-R	1350	152	30	1496	15	11	1538	1508	22	6306	23.4
CAT-1400-RFR-R	1400			1546			1588	1558			24.7
CAT-1500-RFR-R	1500	159	35	1646	15	11	1688	1658	28	6307	27.9
CAT-1600-RFR-R	1600			1846			1888	1858			29.5
CAT-1800-RFR-R	1800	178	178	2046			2088	2058			32.2

SELF ALIGNING RETURN ROLLER



BRACKET ROLLER DIMENSION

Type	Belt Width	B	ØD	E	F	G	H	I
CAT-500-RFR	500	152	114	594	750	60	30	17.5
CAT-600-RFR	600			694	850	60	30	17.5
CAT-650-RFR	650			744	900	60	30	17.5
CAT-750-RFR	750	156	127	844	1000	60	30	17.5
CAT-800-RFR	800			894	1050	60	30	17.5
CAT-900-RFR	900			994	1150	60	30	17.5
CAT-1000-RFR	1000	162	133	1094	1250	60	30	17.5
CAT-1050-RFR	1050			1144	1300	60	30	17.5
CAT-1200-RFR	1200			1294	1450	60	30	17.5
CAT-1350-RFR	1350	171	152	1496	1650	60	60	17.5
CAT-1400-RFR	1400			1546	1700	60	60	17.5
CAT-1500-RFR	1500	174	159	1646	1800	60	60	17.5
CAT-1600-RFR	1600			1846	2000	60	60	17.5
CAT-1800-RFR	1800	184	178	2046	2200	60	60	17.5



ROLLER DIMENSION

Type	Belt Width	ØD	Ød	E	J	K	L	M	N	Bearing ZZ	Weight
CAT-500-RFR-R	500	114	20	594	11	8	626	604	14	6204	5.9
CAT-600-RFR-R	600			694			726	704			6.6
CAT-650-RFR-R	650			744			776	754			7.2
CAT-750-RFR-R	750	127	20	844	11	8	876	854	14	6204	9
CAT-800-RFR-R	800			894			926	904			9.6
CAT-900-RFR-R	900			994			1026	1004			10.8
CAT-1000-RFR-R	1000	133	25	1094	11	8	1126	1140	18	6205 / 6305	11.7
CAT-1050-RFR-R	1050			1144			1178	1154			16.7
CAT-1200-RFR-R	1200			1294			1336	1306			18.6
CAT-1350-RFR-R	1350	152	30	1496	15	11	1538	1508	22	6306	23.4
CAT-1400-RFR-R	1400			1546			1588	1558			24.7
CAT-1500-RFR-R	1500			1646			1688	1658			27.9
CAT-1600-RFR-R	1600	159	35	1846	15	11	1888	1858	28	6307	29.5
CAT-1800-RFR-R	1800			2046			2088	2058			32.2



Catroller offers a full line of drum pulleys that are commonly used in the material-handling industry. Our pulleys are designed for stability, durability and quality regardless of its various sizes.

Locking Assembly Types :

Tapper Style Bush

Tapper Style are used throughout standard range of our pulley with several benefit such as:

- Precision machined
- Secure shaft to pulley shell
- Simple fitting and maintenance effort keep to minimum

Keyless Bushing Supported by SKF

Keyless bushing locking device is used throughout medium duty range and heavy duty range of our pulley with several benefits such as:

- Dependable
- Easy to remove
- Locking elements have no moving parts, can be released and refitted
- High Fatigue Strength



Pulley Lagging Types

Catroller pulleys supplied with various type of faces such as steel or friction enhancing system. Where the utilization was base on operating condition to be expected like belt tension, presence of dirt, dimension, etc Type of lagging:

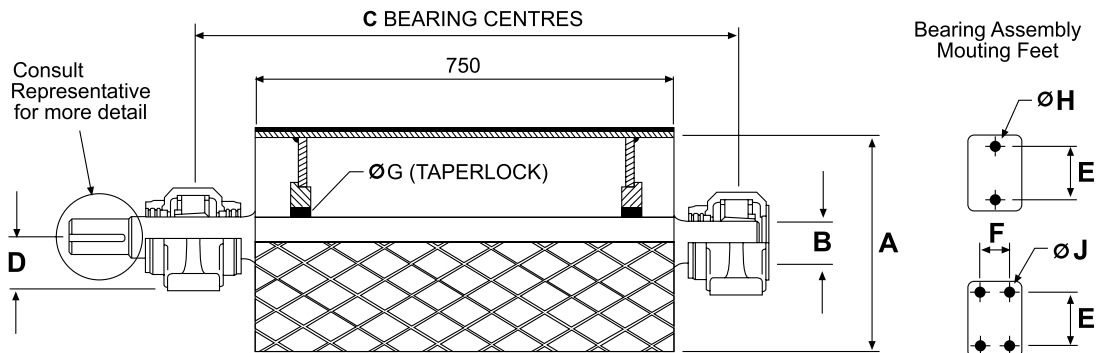
- Cold Bonded Lagging
- Hot Vulcanised lagging
- Ceramic tile lagging

In House Dynamic Balancing Test & Test Machine

Catroller committed to supply our pulley line as its finest. Therefore, the complete line of testing machine that support the production of pulley itself already in house.

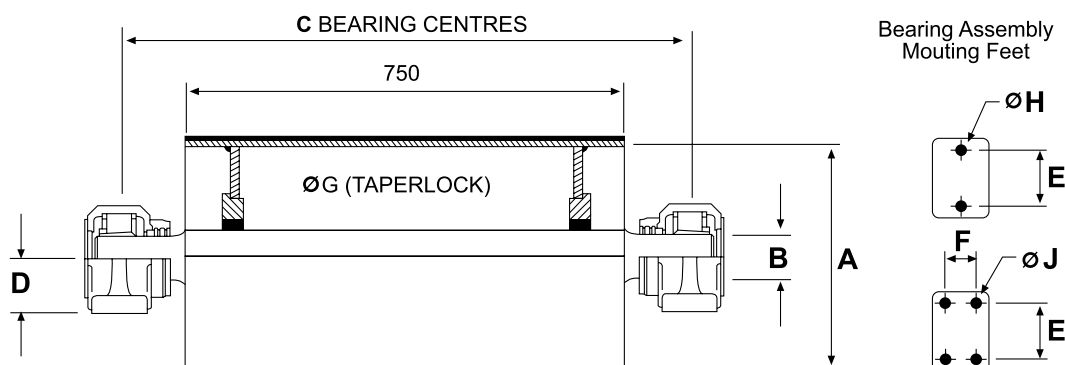


MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



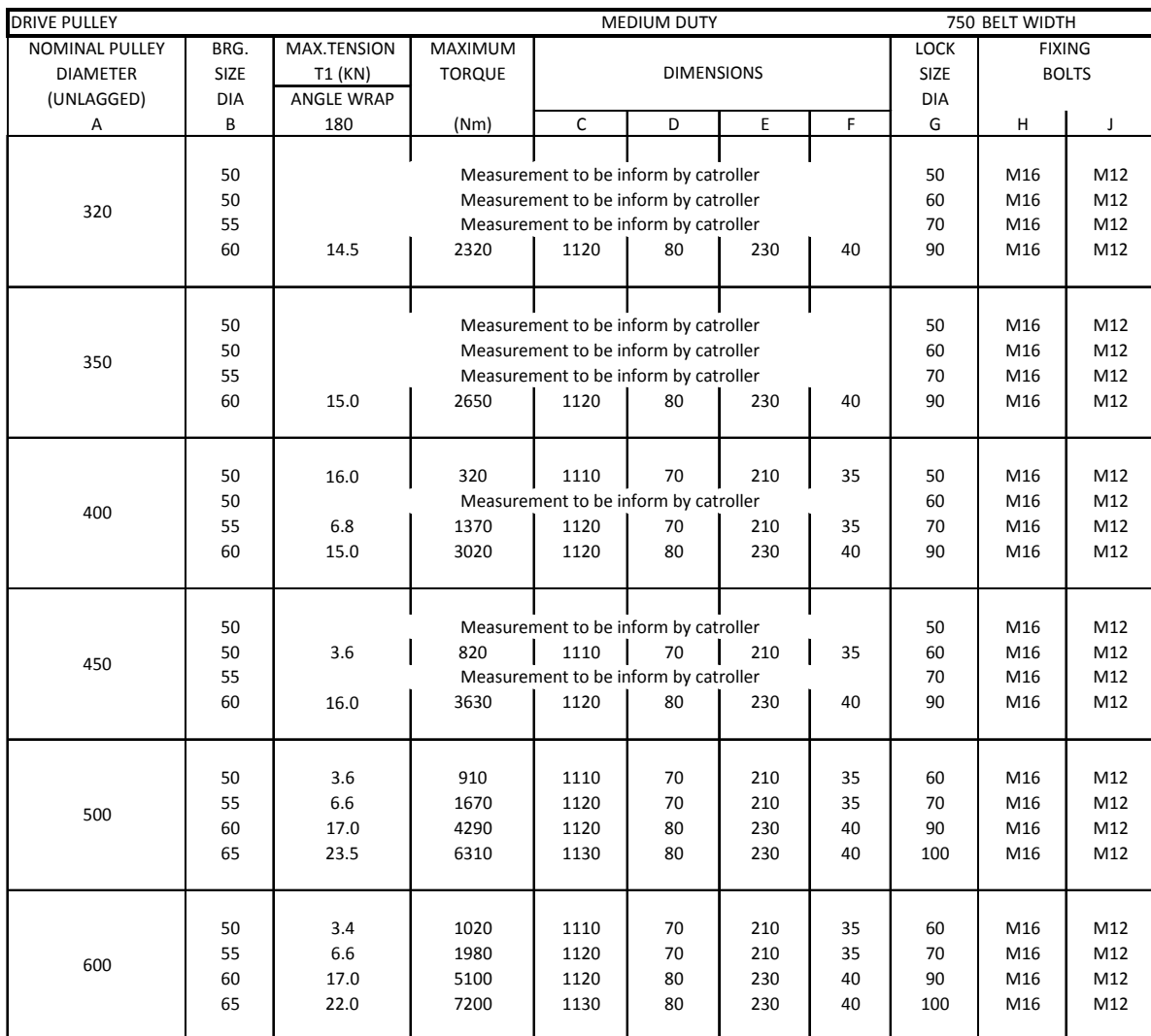
DRIVE PULLEY		MEDIUM DUTY						650 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180°		C	D	E	F		H	J
320	50	7.0	Measurement to be inform by catroller	1020	70	210	35	50	M16	M12
	50		Measurement to be inform by catroller					60	M16	M12
	55		1120					70	M16	M12
	60		Measurement to be inform by catroller					90	M16	M12
350	50	7.0	Measurement to be inform by catroller	1020	70	210	35	50	M16	M12
	50		Measurement to be inform by catroller					60	M16	M12
	55		1240					70	M16	M12
	60		Measurement to be inform by catroller					90	M16	M12
400	50	7.0	Measurement to be inform by catroller	1020	70	210	35	50	M16	M12
	50		Measurement to be inform by catroller					60	M16	M12
	55		1240					70	M16	M12
	60	16.0	3220		80	230	40	90	M16	M12
450	50	7.0	Measurement to be inform by catroller	1020	70	210	35	50	M16	M12
	50		Measurement to be inform by catroller					60	M16	M12
	55		1590		80	230	40	70	M16	M12
	60	16.0	3632		80	230	40	90	M16	M12
500	50	7.0	Measurement to be inform by catroller	1010	70	210	35	60	M16	M12
	55		1770					70	M16	M12
	60	15.0	3790		80	230	40	90	M16	M12
	65	22.0	5560		80	230	40	100	M16	M12
600	50	4.0	1200	1010	70	210	35	60	M16	M12
	55	7.0	2100					70	M16	M12
	60	15.0	4500		80	230	40	90	M16	M12
	65	22.0	6600		80	230	40	100	M16	M12

Other measurement can be requested

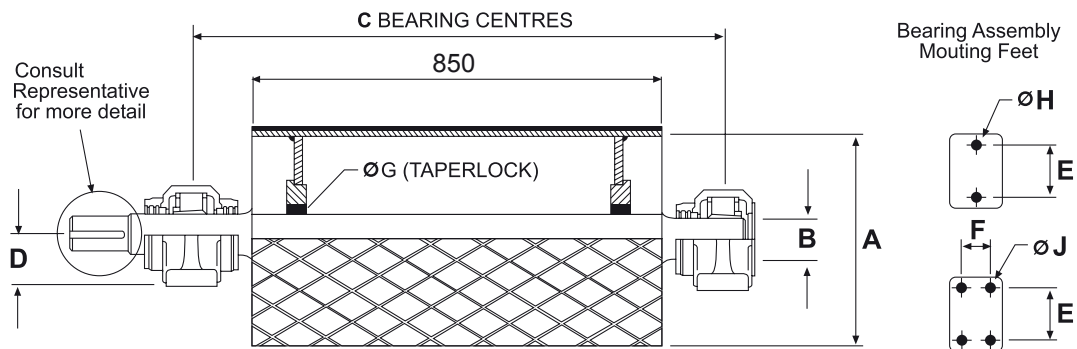


NON DRIVE PULLEY				MEDIUM DUTY				650 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS H J	
		ANGLE WRAP								
		90°	180°	C	D	E	F			
320	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	9.0	7.0	1020	70	210	35	70	M16	M12
	60	20.0	17.0	1020	80	230	40	90	M16	M12
350	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	9.5	7.5	1020	70	210	35	70	M16	M12
	60	21.0	17.5	1020	80	230	40	90	M16	M12
400	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	23.0	18.5	1020	80	230	40	90	M16	M12
450	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	24.0	19.0	1020	80	230	40	90	M16	M12
500	50	Measurement to be inform by catroller						60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	23.0	18.5	1020	80	230	40	90	M16	M12
	65	30.0	24.0	1030	80	230	40	100	M16	M12
600	50	Measurement to be inform by catroller						60	M16	M12
	55	9.0	7.0	1020	70	210	35	70	M16	M12
	60	21.0	18.0	1020	80	230	40	90	M16	M12
	65	33.0	29.0	1030	80	230	40	100	M16	M12

Other measurement can be requested



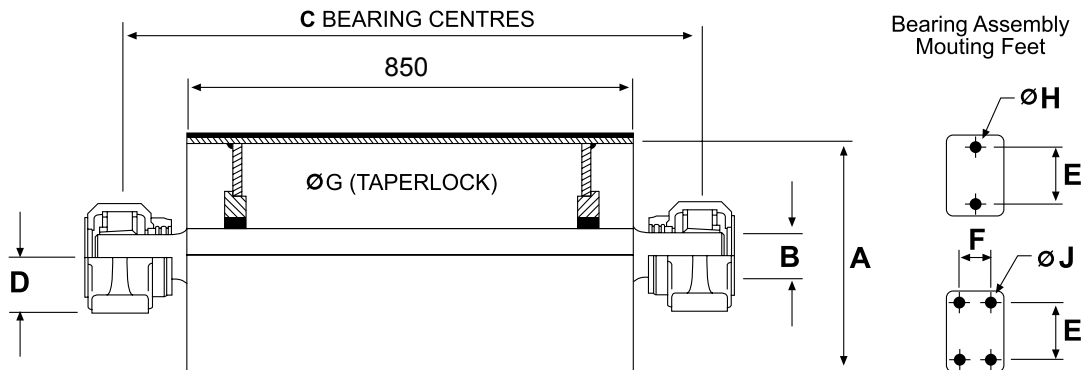
25



NON DRIVE PULLEY		MEDIUM DUTY						650 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP		C	D	E	F		H	J
320	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	9.0	7.0	1020	70	210	35	70	M16	M12
	60	20.0	17.0	1020	80	230	40	90	M16	M12
350	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	9.5	7.5	1020	70	210	35	70	M16	M12
	60	21.0	17.5	1020	80	230	40	90	M16	M12
400	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	23.0	18.5	1020	80	230	40	90	M16	M12
450	50	Measurement to be inform by catroller						50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	24.0	19.0	1020	80	230	40	90	M16	M12
500	50	Measurement to be inform by catroller						60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	23.0	18.5	1020	80	230	40	90	M16	M12
	65	30.0	24.0	1030	80	230	40	100	M16	M12
600	50	Measurement to be inform by catroller						60	M16	M12
	55	9.0	7.0	1020	70	210	35	70	M16	M12
	60	21.0	18.0	1020	80	230	40	90	M16	M12
	65	33.0	29.0	1030	80	230	40	100	M16	M12

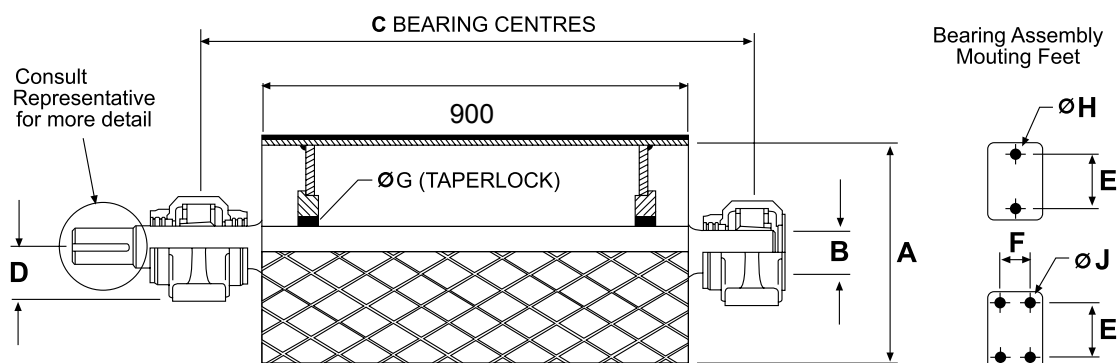
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



DRIVE PULLEY		MEDIUM DUTY						750 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	50	14.5	Measurement to be inform by catroller					50	M16	M12
	50		Measurement to be inform by catroller					60	M16	M12
	55		Measurement to be inform by catroller					70	M16	M12
	60		2320	1120	80	230	40	90	M16	M12
350	50	15.0	Measurement to be inform by catroller					50	M16	M12
	50		Measurement to be inform by catroller					60	M16	M12
	55		Measurement to be inform by catroller					70	M16	M12
	60		2650	1120	80	230	40	90	M16	M12
400	50	16.0	320	1110	70	210	35	50	M16	M12
	50	6.8	Measurement to be inform by catroller					60	M16	M12
	55		1370	1120	70	210	35	70	M16	M12
	60	15.0	3020	1120	80	230	40	90	M16	M12
450	50	3.6	Measurement to be inform by catroller					50	M16	M12
	50		820	1110	70	210	35	60	M16	M12
	55	16.0	Measurement to be inform by catroller					70	M16	M12
	60		3630	1120	80	230	40	90	M16	M12
500	50	3.6	910	1110	70	210	35	60	M16	M12
	55	6.6	1670	1120	70	210	35	70	M16	M12
	60	17.0	4290	1120	80	230	40	90	M16	M12
	65	23.5	6310	1130	80	230	40	100	M16	M12
600	50	3.4	1020	1110	70	210	35	60	M16	M12
	55	6.6	1980	1120	70	210	35	70	M16	M12
	60	17.0	5100	1120	80	230	40	90	M16	M12
	65	22.0	7200	1130	80	230	40	100	M16	M12

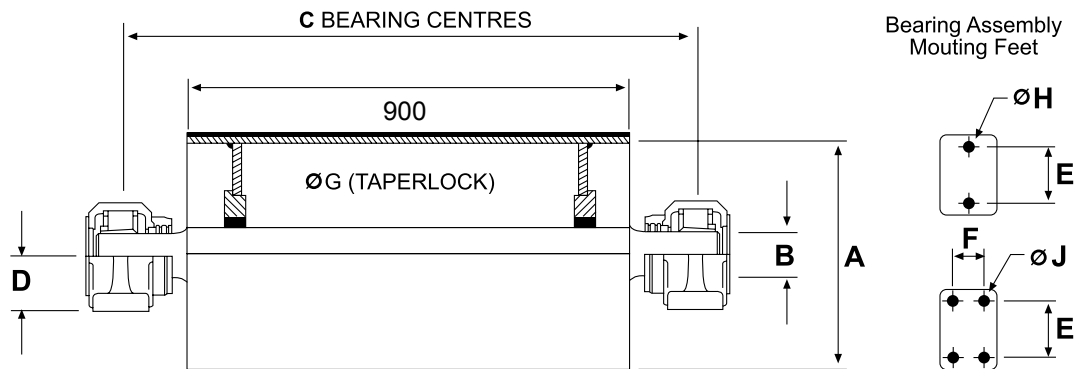
Other measurement can be requested



DRIVE PULLEY				MEDIUM DUTY				800 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	50	1.5	240	1160	70	210	35	50	M16	M12
	50	3.4	540	1160	70	210	35	60	M16	M12
	55	6.0	960	1170	70	210	35	70	M16	M12
	60	14.0	2240	1170	80	230	40	90	M16	M12
350	50	1.5	260	1160	70	210	35	50	M16	M12
	50	3.4	600	1160	70	210	35	60	M16	M12
	55	6.0	1060	1170	70	210	35	70	M16	M12
	60	14.0	2470	1170	80	230	40	90	M16	M12
400	50	1.4	280	1160	70	210	35	50	M16	M12
	50	3.3	660	1160	70	210	35	60	M16	M12
	55	6.0	1200	1170	70	210	35	70	M16	M12
	60	14.0	2820	1170	80	230	40	90	M16	M12
450	50	1.3	300	1160	70	210	35	50	M16	M12
	50	3.2	730	1160	70	210	35	60	M16	M12
	55	5.8	1300	1170	70	210	35	70	M16	M12
	60	14.0	3080	1170	80	230	40	90	M16	M12
500	50	3.2	810	1160	70	210	35	60	M16	M12
	55	5.8	1460	1170	70	210	35	70	M16	M12
	60	16.0	4040	1170	80	230	40	90	M16	M12
	65	23.0	6060	1180	80	230	40	100	M16	M12
600	50	3.1	930	1160	70	210	35	60	M16	M12
	55	5.8	1740	1170	70	210	35	70	M16	M12
	60	16.0	4800	1170	80	230	40	90	M16	M12
	65	22.0	6600	1180	80	230	40	100	M16	M12

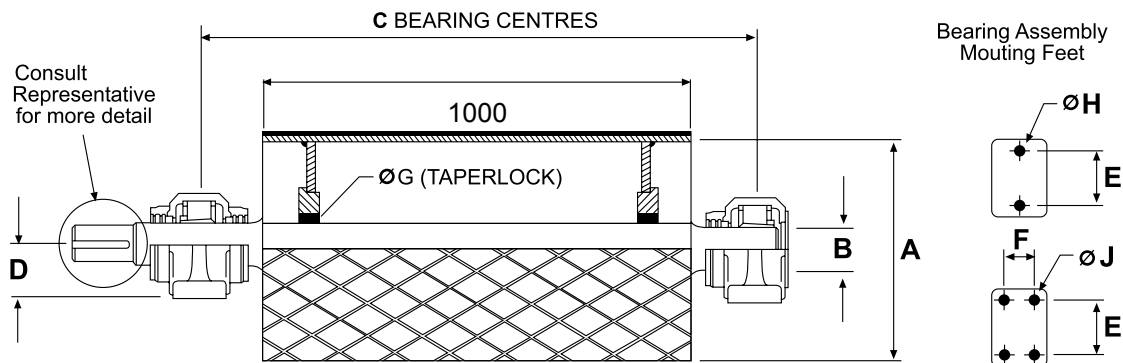
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY		MEDIUM DUTY						800	BELT WIDTH	
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS H J	
		ANGLE WRAP								
		90	180	C	D	E	F			
320	50	1.7	1.5	1160	70	210	35	50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	7.0	6.0	1170	70	210	35	70	M16	M12
	60	18.0	13.5	1170	80	230	40	90	M16	M12
350	50	1.5	1.5	1160	70	210	35	50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	7.0	7.0	1170	70	210	35	70	M16	M12
	60	18.0	18.0	1170	80	230	40	90	M16	M12
400	50	1.2	1.2	1160	70	210	35	50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	7.0	5.5	1170	70	210	35	70	M16	M12
	60	19.0	14.2	1170	80	230	40	90	M16	M12
450	50	1.2	1.2	1160	70	210	35	50	M16	M12
	50	Measurement to be inform by catroller						60	M16	M12
	55	7.0	5.5	1170	70	210	35	70	M16	M12
	60	19.0	14.2	1170	80	230	40	90	M16	M12
500	50	3.2	3.0	1160	70	210	35	60	M16	M12
	55	6.5	5.0	1170	70	210	35	70	M16	M12
	60	18.5	15.0	1170	80	230	40	90	M16	M12
	65	33.0	25.0	1180	80	230	40	100	M16	M12
600	50	3.2	3.0	1160	70	210	35	60	M16	M12
	55	6.5	5.0	1170	70	210	35	70	M16	M12
	60	18.5	15.0	1170	80	230	40	90	M16	M12
	65	33.0	27.0	1180	80	230	40	100	M16	M12

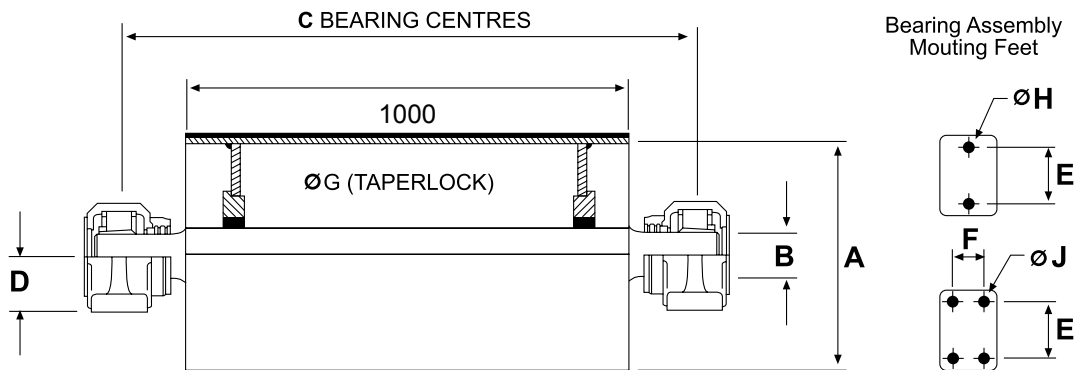
Other measurement can be requested



DRIVE PULLEY				MEDIUM DUTY				900 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	50	1.2	192	1260	70	210	35	50	M16	M12
	50	3.0	480	1260	70	210	35	60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	14.0	2240	1270	80	230	40	90	M16	M12
350	50	1.2	210	1260	70	210	35	50	M16	M12
	50	2.8	490	1260	70	210	35	60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	14.0	2470	1270	80	230	40	90	M16	M12
400	50	1.0	200	1260	70	210	35	50	M16	M12
	50	2.8	560	1260	70	210	35	60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	14.0	2820	1270	80	230	40	90	M16	M12
450	50	1.0	225	1260	70	210	35	50	M16	M12
	50	2.8	635	1260	70	210	35	60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	15.0	3405	1270	80	230	40	90	M16	M12
500	50	2.0	505	1260	70	210	35	60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	15.0	3785	1270	80	230	40	90	M16	M12
	65	Measurement to be inform by catroller						100	M16	M12
600	50	2.6	780	1260	70	210	35	60	M16	M12
	55	Measurement to be inform by catroller						70	M16	M12
	60	15.0	4500	1270	80	230	40	90	M16	M12
	65	20.0	6000	1280	80	230	40	100	M16	M12

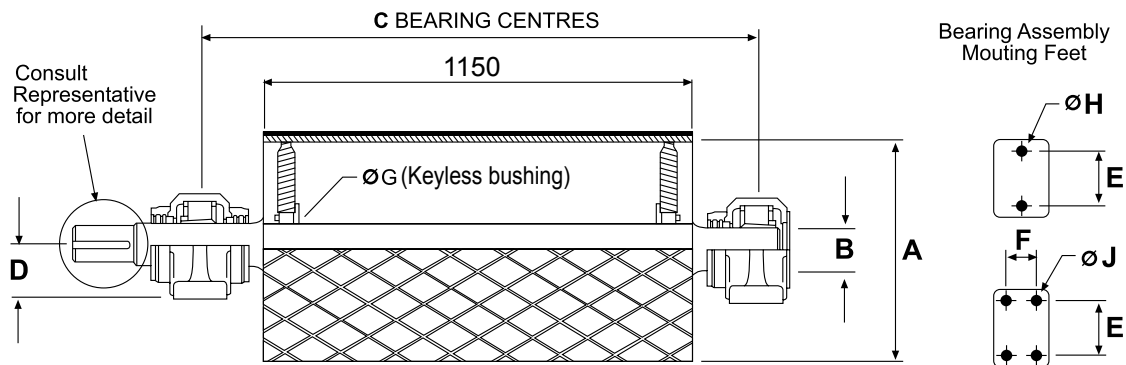
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY		MEDIUM DUTY						900	BELT WIDTH	
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN) ANGLE WRAP		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		90	180	C	D	E	F		H	J
320	50	1.2	1.1	1260	70	210	35	50	M16	M12
	50	3.4	2.8	1260	70	210	35	60	M16	M12
	55	6.5	5.2	1270	70	210	35	70	M16	M12
	60	18.5	13.0	1270	80	230	40	90	M16	M12
350	50	1.2	1.1	1260	70	210	35	50	M16	M12
	50	3.4	2.8	1260	70	210	35	60	M16	M12
	55	6.5	5.2	1270	70	210	35	70	M16	M12
	60	18.5	13.0	1270	80	230	40	90	M16	M12
400	50	0.9	1.0	1260	70	210	35	50	M16	M12
	50	3.2	2.7	1260	70	210	35	60	M16	M12
	55	6.4	5.2	1270	70	210	35	70	M16	M12
	60	18.5	13.0	1270	80	230	40	90	M16	M12
450	50	0.9	1.0	1260	70	210	35	50	M16	M12
	50	3.2	2.6	1260	70	210	35	60	M16	M12
	55	6.4	5.0	1270	70	210	35	70	M16	M12
	60	18.5	14.0	1270	80	230	40	90	M16	M12
500	50	3.0	2.6	1260	70	210	35	60	M16	M12
	55	6.0	5.0	1270	70	210	35	70	M16	M12
	60	18.5	15.0	1270	80	230	40	90	M16	M12
	65	29.0	24.0	1280	80	230	40	100	M16	M12
600	50	3.0	2.6	1260	70	210	35	60	M16	M12
	55	6.0	5.0	1270	70	210	35	70	M16	M12
	60	18.5	15.0	1270	80	230	40	90	M16	M12
	65	29.0	24.0	1280	80	230	40	100	M16	M12

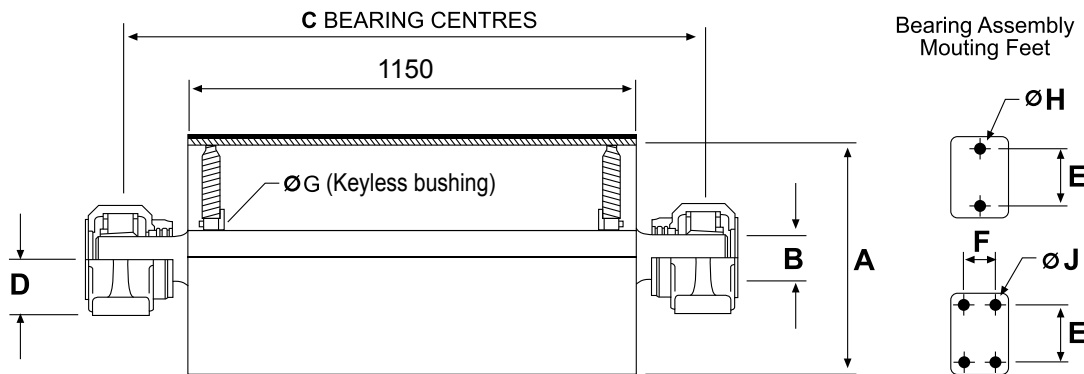
Other measurement can be requested



DRIVE PULLEY				HEAVY DUTY				1000 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX. TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	60	7.5	1200	1420	80	230	40	80	M16	M12
	65	18.0	2880	1430	80	230	40	100	M16	M12
	75	38.0	7040	1435	95	260	50	120	M20	M12
	90	60.0	11520	1475	112	320	60	140	M24	M16
350	60	7.5	1320	1420	80	230	40	80	M16	M12
	65	8.0	1375	1430	80	230	40	100	M16	M12
	75	37.0	7410	1435	95	260	50	120	M20	M12
	90	59.0	12705	1475	112	320	60	140	M24	M16
400	60	7.4	1410	1420	80	230	40	80	M16	M12
	65	17.5	3525	1430	80	230	40	100	M16	M12
	75	35.0	8060	1435	95	260	50	120	M20	M12
	90	56.0	13700	1475	112	320	60	140	M24	M16
450	60	7.2	1630	1420	80	230	40	80	M16	M12
	65	17.5	3970	1430	80	230	40	100	M16	M12
	75	33.0	9080	1435	95	260	50	120	M20	M12
	90	52.0	14070	1475	112	320	60	140	M24	M16
500	60	7.2	1815	1420	80	230	40	80	M16	M12
	65	17.5	4415	1430	80	230	40	100	M16	M12
	75	31.0	9090	1435	95	260	50	120	M20	M12
	90	51.0	15150	1475	112	320	60	140	M24	M16
600	60	7.0	2100	1420	80	230	40	80	M16	M12
	65	17.0	5100	1430	80	230	40	100	M16	M12
	75	31.0	10200	1435	95	260	50	120	M20	M12
	90	51.0	15600	1475	112	320	60	140	M24	M16

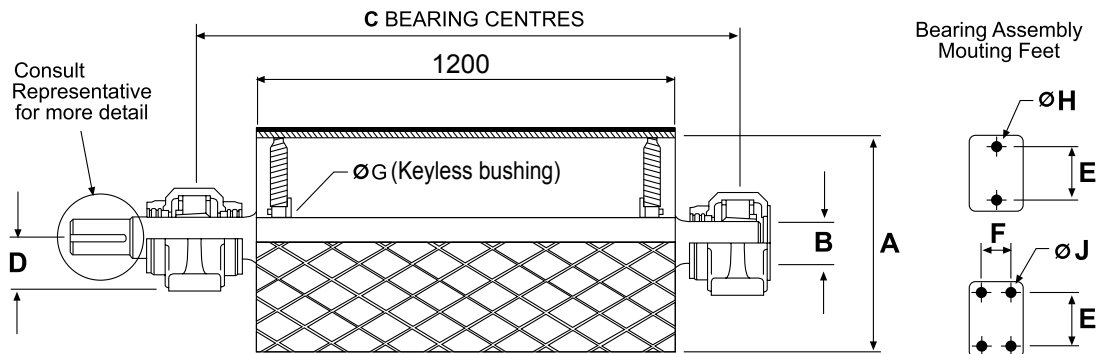
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY				HEAVY DUTY				1000 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP								
		90	180	C	D	E	F		H	J
320	60			Measurement to be inform by catroller				80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75			Measurement to be inform by catroller				120	M20	M12
	80	40.0	63	1455	100	290	50	140	M20	M16
350	60	10.0	7.5	1420	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75			Measurement to be inform by catroller				120	M20	M12
	80	45.0	63.0	1455	100	290	50	140	M20	M16
400	60	9.5	7.5	1420	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75			Measurement to be inform by catroller				120	M20	M12
	80	64.0	63	1455	100	290	50	140	M20	M16
450	60	9.5	7.5	1420	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	53.0	39.0	1435	95	260	50	120	M20	M12
	80	64.0	63.0	1455	100	290	50	140	M20	M16
500	60			Measurement to be inform by catroller				80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	52.0	39.0	1435	95	260	50	120	M20	M12
	80	64.0	63.0	1455	100	290	50	140	M20	M16
600	60			Measurement to be inform by catroller				80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	52.0	39.0	1435	95	260	50	120	M20	M12
	80	70.0	64.0	1455	100	290	50	140	M20	M16

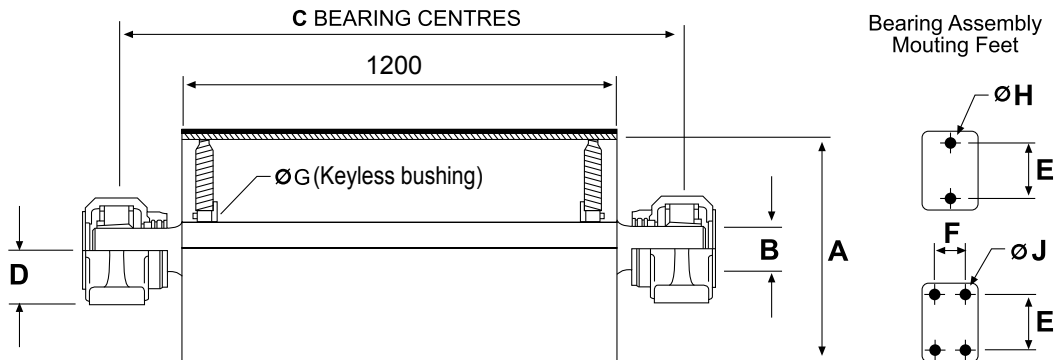
Other measurement can be requested



DRIVE PULLEY				HEAVY DUTY				1050 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	60	7.2	1150	1470	60	40	230	80	M16	M12
	65	17.0	2720	1480	65	40	230	100	M16	M12
	75	37.0	6720	1485	95	50	260	120	M20	M12
	90	60.0	11520	1525	112	60	320	140	M24	M16
350	60	7.0	1235	1470	60	40	230	80	M16	M12
	65	17.0	3000	1480	65	40	230	100	M16	M12
	75	36.5	7235	1485	95	50	260	120	M20	M12
	90	59.0	12355	1525	112	60	320	140	M24	M16
400	60	7.0	1410	1470	60	40	230	80	M16	M12
	65	17.0	3425	1480	65	40	230	100	M16	M12
	75	32.0	7250	1485	95	50	260	120	M20	M12
	90	56.0	13295	1525	112	60	320	140	M24	M16
450	60	6.8	1540	1470	60	40	230	80	M16	M12
	65	16.5	3745	1480	65	40	230	100	M16	M12
	75	32.0	8170	1485	95	50	260	120	M20	M12
	90	53.0	14070	1525	112	60	320	140	M24	M16
500	60	6.8	1715	1470	60	40	230	80	M16	M12
	65	16.5	4165	1480	65	40	230	100	M16	M12
	75	32.0	9090	1485	95	50	260	120	M20	M12
	90	51.0	14645	1525	112	60	320	140	M24	M16
600	60	6.8	2040	1470	60	40	230	80	M16	M12
	65	16.0	4800	1480	65	40	230	100	M16	M12
	75	28.0	9000	1485	95	50	260	120	M20	M12
	90	48.0	15600	1525	112	60	320	140	M24	M16

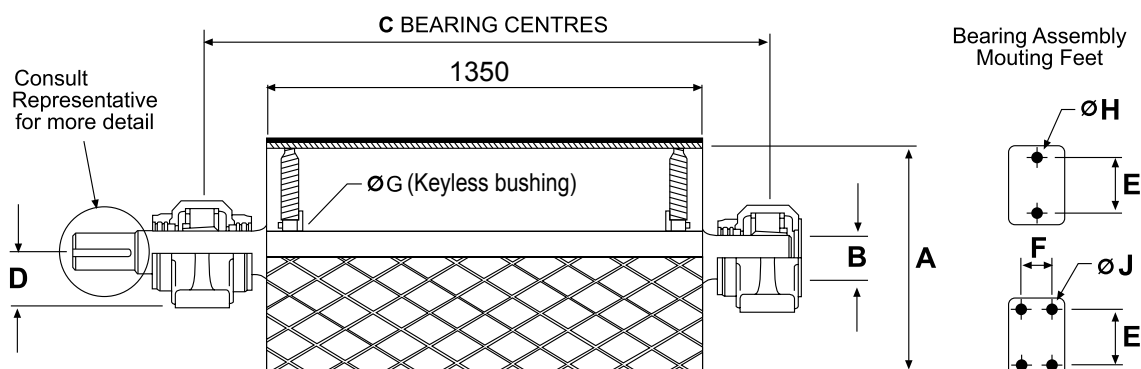
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY				HEAVY DUTY				1050 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP								
		90	180	C	D	E	F		H	J
320	60	9.0	7.0	1470	80	230	40	80	M16	M12
	65	23.0	17.0	1480	80	230	40	100	M16	M12
	75	47.0	33.0	1485	95	260	50	120	M20	M12
	80	48.0	58.0	1505	112	290	50	140	M20	M16
350	60	8.5	7.0	1470	80	230	40	80	M16	M12
	65	22.0	17.0	1480	80	230	40	100	M16	M12
	75	47.0	33.0	1485	95	260	50	120	M20	M12
	80	49.0	58.0	1505	112	290	50	140	M20	M16
400	60	8.5	7.0	1470	80	230	40	80	M16	M12
	65	22.0	17.0	1480	80	230	40	100	M16	M12
	75	45.0	32.0	1485	95	260	50	120	M20	M12
	80	56.0	58.0	1505	112	290	50	140	M20	M16
450	60	8.0	8.5	1470	80	230	40	80	M16	M12
	65	21.5	17.0	1480	80	230	40	100	M16	M12
	75	45.0	32.0	1485	95	260	50	120	M20	M12
	80	61.0	58.0	1505	112	290	50	140	M20	M16
500	60	8.0	6.5	1470	80	230	40	80	M16	M12
	65	21.5	16.5	1480	80	230	40	100	M16	M12
	75	45.0	32.0	1485	95	260	50	120	M20	M12
	80	66.0	62.0	1505	112	290	50	140	M20	M16
600	60	7.5	6.5	1470	80	230	40	80	M16	M12
	65	21.0	16.5	1480	80	230	40	100	M16	M12
	75	45.0	32.0	1485	95	260	50	120	M20	M12
	80	72.0	62.0	1505	112	290	50	140	M20	M16

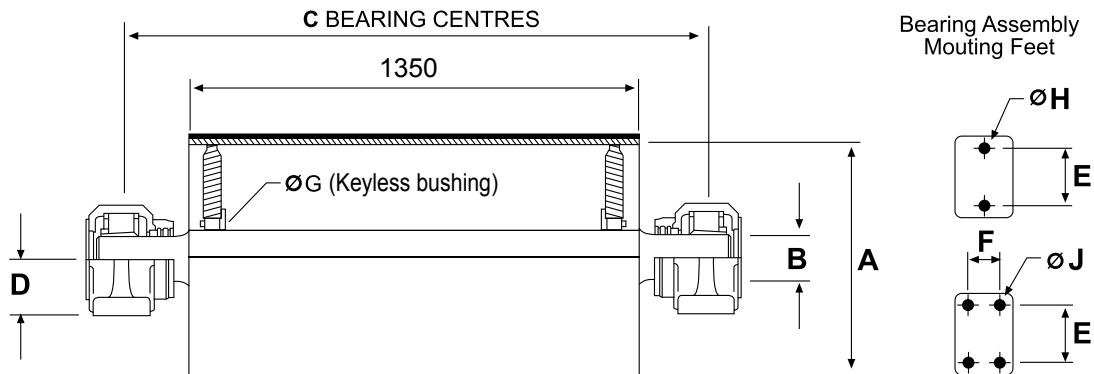
Other measurement can be requested



DRIVE PULLEY		HEAVY DUTY						1200 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN) ANGLE WRAP	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		180		C	D	E	F		H	J
320	60	6.0	960	1620	80	230	40	80	M16	M12
	65	15.0	2400	1630	80	230	40	100	M16	M12
	75	Measurement to be inform by catroller				230	40	120	M20	M12
	90	52.0	9600	1675	112	320	60	140	M24	M16
350	60	6.0	1055	1620	80	230	40	80	M16	M12
	65	15.0	2645	1630	80	230	40	100	M16	M12
	75	Measurement to be inform by catroller				230	40	120	M20	M12
	90	Measurement to be inform by catroller				230	40	140	M24	M16
400	60	6.0	1209	1620	80	230	40	80	M16	M12
	65	14.0	2820	1630	80	230	40	100	M16	M12
	75	Measurement to be inform by catroller				230	40	120	M20	M12
	90	Measurement to be inform by catroller				230	40	140	M24	M16
450	60	5.5	1245	1620	80	230	40	80	M16	M12
	65	14.0	3175	1630	80	230	40	100	M16	M12
	75	Measurement to be inform by catroller				230	40	120	M20	M12
	90	56.0	14070	1675	112	320	60	140	M24	M16
500	60	5.5	1385	1620	80	230	40	80	M16	M12
	65	14.0	3535	1630	80	230	40	100	M16	M12
	75	32.0	9090	1635	95	260	50	120	M20	M12
	90	52.0	14140	1675	112	320	60	140	M24	M16
600	60	5.5	1650	1620	80	230	40	80	M16	M12
	65	13.8	4140	1630	80	230	40	100	M16	M12
	75	29.0	9600	1635	95	260	50	120	M20	M12
	90	48.0	15600	1675	112	320	60	140	M24	M16

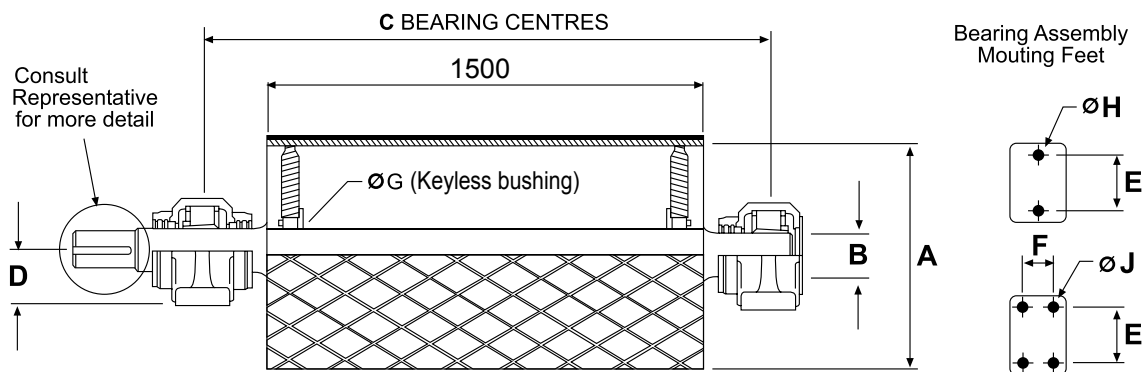
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY				HEAVY DUTY				1200 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP								
		90	180	C	D	E	F		H	J
320	60	8.0	6.0	1620	80	230	40	80	M16	M12
	65	Measurement to be inform by catroller						100	M16	M12
	75	45.0	32.0	1635	95	260	50	120	M20	M12
	80	37.0	57.0	1655	100	290	50	140	M20	M16
350	60	8.0	6.0	1620	80	230	40	80	M16	M12
	65	Measurement to be inform by catroller						100	M16	M12
	75	44.0	32.0	1635	95	260	50	120	M20	M12
	80	40.0	57.0	1655	100	290	50	140	M20	M16
400	60	7.5	5.8	1620	80	230	40	80	M16	M12
	65	20.0	15.0	1630	80	230	40	100	M16	M12
	75	43.0	31.0	1635	95	230	50	120	M20	M12
	80	54.0	57.0	1655	100	290	50	140	M20	M16
450	60	7.0	5.8	1620	80	230	40	80	M16	M12
	65	19.0	15.0	1630	80	230	40	100	M16	M12
	75	42.0	31.0	1635	95	260	50	120	M20	M12
	80	55.0	58.0	1655	100	290	50	140	M20	M16
500	60	7.0	5.8	1620	80	230	40	80	M16	M12
	65	19.0	14.8	1630	80	230	40	100	M16	M12
	75	41.0	30.0	1635	95	260	50	120	M20	M12
	80	68.0	58.0	1655	100	290	50	140	M20	M16
600	60	6.5	5.8	1620	80	230	40	80	M16	M12
	65	18.0	14.8	1630	80	230	40	100	M16	M12
	75	40.0	30.0	1635	95	260	50	120	M20	M12
	80	Measurement to be inform by catroller						140	M20	M16

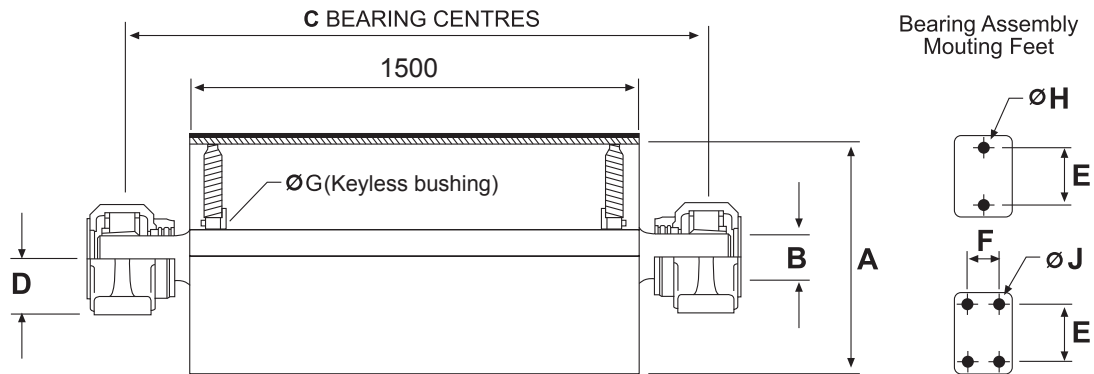
Other measurement can be requested



DRIVE PULLEY				HEAVY DUTY				1350 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	60	5.4	860	1770	80	230	40	80	M16	M12
	65		Measurement to be inform by catroller					100	M16	M12
	75	29.0	5440	1785	95	260	50	120	M20	M12
	90		Measurement to be inform by catroller					140	M24	M16
350	60	5.4	950	1770	80	230	40	80	M16	M12
	65		Measurement to be inform by catroller					100	M16	M12
	75	28.0	5645	1785	95	260	50	120	M20	M12
	90		Measurement to be inform by catroller					140	M24	M16
400	60	5.4	1085	1770	80	230	40	80	M16	M12
	65	13.2	2655	1780	80	230	40	100	M16	M12
	75	28.0	6445	1785	95	260	50	120	M20	M12
	90		Measurement to be inform by catroller					140	M24	M16
450	60	5.2	1180	1770	80	230	40	80	M16	M12
	65	13.2	2955	1780	80	230	40	100	M16	M12
	75	28.0	7260	1785	95	260	50	120	M20	M12
	90		Measurement to be inform by catroller					140	M24	M16
500	60	5.0	1260	1770	80	230	40	80	M16	M12
	65	13.0	3280	1780	80	230	40	100	M16	M12
	75	27.0	7575	1785	95	260	50	120	M20	M12
	90		Measurement to be inform by catroller					140	M24	M16
600	60	4.8	1440	1770	80	230	40	80	M16	M12
	65	13.0	3900	1780	80	230	40	100	M16	M12
	75	27.0	9000	1785	95	260	50	120	M20	M12
	90	48.0	15600	1825	112	320	60	140	M24	M16

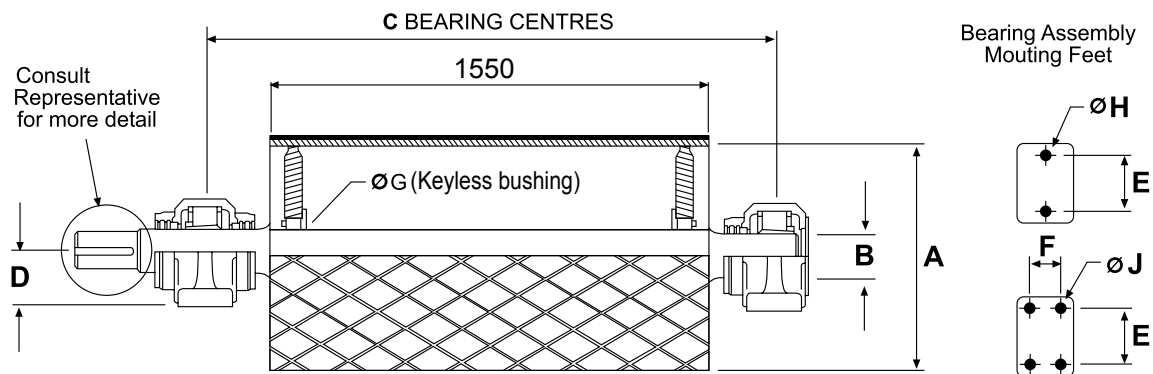
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY				HEAVY DUTY				1350 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP								
		90	180	C	D	E	F		H	J
320	60			Measurement to be inform by catroller				80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	38.0	29.0	1785	95	260	50	120	M20	M12
	80			Measurement to be inform by catroller				140	M20	M16
350	60	6.5	5.4	1770	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	38.0	28.0	1785	95	260	50	120	M20	M12
	80	40.0	52.0	1805	100	290	50	140	M20	M16
400	60	6.0	5.4	1770	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	37.0	28.0	1785	95	290	50	120	M20	M12
	80	50.0	50.0	1805	100	290	50	140	M20	M16
450	60	6.0	5.2	1770	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	37.0	28.0	1785	95	260	50	120	M20	M12
	80	58.0	50.0	1805	100	290	50	140	M20	M16
500	60	5.8	5.2	1770	80	230	40	80	M16	M12
	65	16.8	13.5	1780	80	230	40	100	M16	M12
	75	36.0	28.0	1785	95	260	50	120	M20	M12
	80	58.0	50.0	1805	100	290	50	140	M20	M16
600	60	5.2	5.0	1770	80	230	40	80	M16	M12
	65	16.0	12.8	1780	80	230	40	100	M16	M12
	75	36.0	27.0	1785	95	260	50	120	M20	M12
	80	57.0	50.0	1805	100	290	50	140	M20	M16

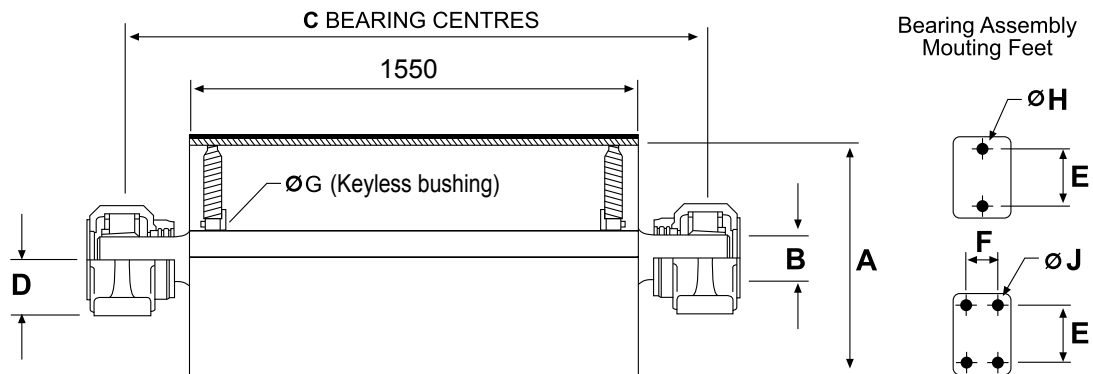
Other measurement can be requested



DRIVE PULLEY				HEAVY DUTY				1400 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	60	5.2	830	1820	80	230	40	80	M16	M12
	65	13.0	2080	1830	80	230	40	100	M16	M12
	75	28.0	5120	1835	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
350	60	5.0	880	1820	80	230	40	80	M16	M12
	65	12.8	2255	1830	80	230	40	100	M16	M12
	75	28.0	5645	1835	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
400	60	5.0	1005	1820	80	230	40	80	M16	M12
	65	12.6	2536	1830	80	230	40	100	M16	M12
	75	28.0	6445	1835	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
450	60	5.0	1135	1820	80	230	40	80	M16	M12
	65	12.6	2860	1830	80	230	40	100	M16	M12
	75	27.0	6810	1835	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
500	60	4.8	1210	1820	80	230	40	80	M16	M12
	65	12.5	3155	1830	80	230	40	100	M16	M12
	75	Measurement to be inform by catroller						120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
600	60	4.8	1380	1820	80	230	40	80	M16	M12
	65	12.5	3750	1830	80	230	40	100	M16	M12
	75	27.0	9000	1835	95	260	50	120	M20	M12
	90	47.0	16200	1875	112	320	60	140	M24	M16

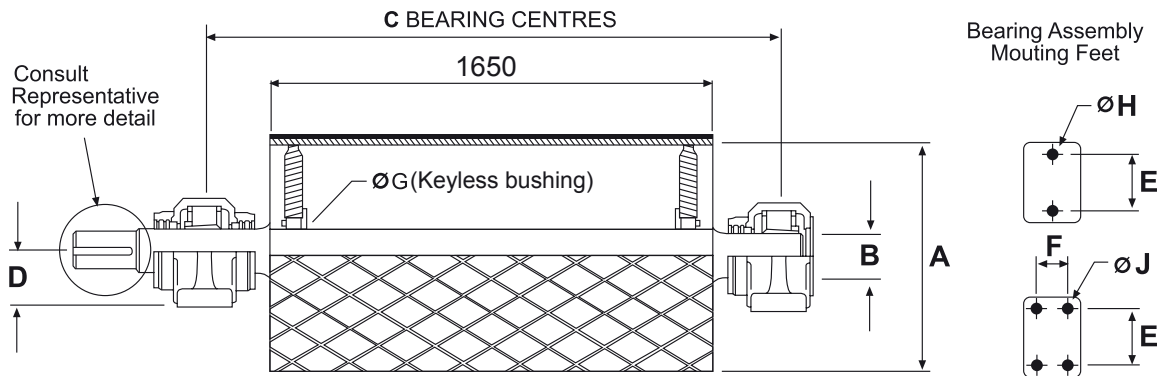
Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY				HEAVY DUTY				1400 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP								
		90	180	C	D	E	F		H	J
320	60	6.0	5.2	1820	80	230	40	80	M16	M12
	65	Measurement to be inform by catroller						100	M16	M12
	75	Measurement to be inform by catroller						120	M20	M12
	80	32.0	47.0	1855	100	290	50	140	M20	M16
350	60	5.8	5.0	1820	80	230	40	80	M16	M12
	65	16.5	12.5	1830	80	230	40	100	M16	M12
	75	35.0	28.0	1835	95	260	50	120	M20	M12
	80	38.0	47.0	1855	100	290	50	140	M20	M16
400	60	5.8	5.0	1820	80	230	40	80	M16	M12
	65	16.0	12.5	1830	80	230	40	100	M16	M12
	75	Measurement to be inform by catroller						120	M20	M12
	80	47.0	47.0	1855	100	290	50	140	M20	M16
450	60	5.6	4.8	1820	80	230	40	80	M16	M12
	65	16.0	12.5	1830	80	230	40	100	M16	M12
	75	35.0	27.0	1835	95	260	50	120	M20	M12
	80	58.0	46.0	1855	100	290	50	140	M20	M16
500	60	5.4	4.8	1820	80	230	40	80	M16	M12
	65	15.5	12.5	1830	80	230	40	100	M16	M12
	75	34.0	27.0	1835	95	260	50	120	M20	M12
	80	62.0	45.0	1855	100	290	50	140	M20	M16
600	60	5.0	4.6	1820	80	230	40	80	M16	M12
	65	15.0	11.2	1830	80	230	40	100	M16	M12
	75	34.0	27.0	1835	95	260	50	120	M20	M12
	80	62.0	45.0	1855	100	290	50	140	M20	M16

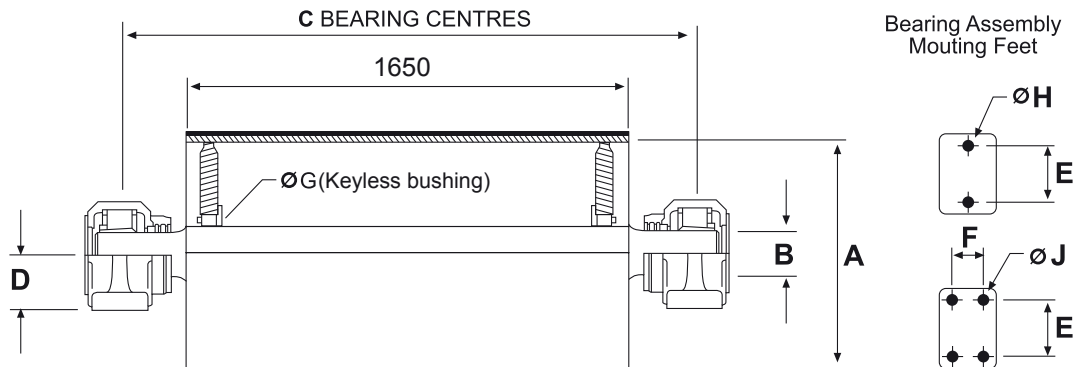
Other measurement can be requested



DRIVE PULLEY				HEAVY DUTY				1500 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)	MAXIMUM TORQUE (Nm)	DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS	
		ANGLE WRAP 180		C	D	E	F		H	J
320	60	4.8	765	1920	80	230	40	80	M16	M12
	65	12.0	1920	1930	80	230	40	100	M16	M12
	75	25.0	4160	1935	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
350	60	4.6	810	1920	80	230	40	80	M16	M12
	65	12.0	2115	1930	80	230	40	100	M16	M12
	75	25.0	4585	1935	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
400	60	4.6	925	1920	80	230	40	80	M16	M12
	65	11.5	2315	1930	80	230	40	100	M16	M12
	75	24.8	5400	1935	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
450	60	4.4	995	1920	80	230	40	80	M16	M12
	65	11.5	2610	1930	80	230	40	100	M16	M12
	75	24.0	6565	1935	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
500	60	4.4	1110	1920	80	230	40	80	M16	M12
	65	11.5	2900	1930	80	230	40	100	M16	M12
	75	24.0	6565	1935	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16
600	60	4.2	1260	1920	80	230	40	80	M16	M12
	65	11.5	3450	1930	80	230	40	100	M16	M12
	75	24.0	7800	1935	95	260	50	120	M20	M12
	90	Measurement to be inform by catroller						140	M24	M16

Other measurement can be requested

MANUFACTURERS OF HIGH QUALITY CONVEYOR EQUIPMENT



NON DRIVE PULLEY				HEAVY DUTY				1500 BELT WIDTH		
NOMINAL PULLEY DIAMETER (UNLAGGED) A	BRG. SIZE DIA B	MAX.TENSION T1 (KN)		DIMENSIONS				LOCK SIZE DIA G	FIXING BOLTS H J	
		ANGLE WRAP								
		90	180	C	D	E	F			
320	60			Measurement to be inform by catroller				80	M16	M12
	65	15.5	12.5	1930	80	230	40	100	M16	M12
	75	32.0	36.0	1935	95	260	50	120	M20	M12
	80			Measurement to be inform by catroller				140	M20	M16
350	60	7.0	6.0	1920	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	32.0	26.0	1935	95	260	50	120	M20	M12
	80	38.0	46.0	1955	100	290	60	140	M20	M16
400	60			Measurement to be inform by catroller				80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	32.0	25.5	1935	95	260	50	120	M20	M12
	80	43.0	46.0	1955	100	290	60	140	M20	M16
450	60	6.5	6.0	1920	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	32.0	25.5	1935	95	260	50	120	M20	M12
	80	55.0	45.5	1955	100	290	60	140	M20	M16
500	60	6.5	6.0	1920	80	230	40	80	M16	M12
	65			Measurement to be inform by catroller				100	M16	M12
	75	32.0	25.0	1935	95	260	50	120	M20	M12
	80	58.0	45.0	1955	100	290	60	140	M20	M16
600	60	5.5	5.5	1920	80	230	40	80	M16	M12
	65	14.0	11.5	1930	80	230	40	100	M16	M12
	75	31.0	24.0	1935	95	260	50	120	M20	M12
	80	60.0	45.0	1955	100	290	60	140	M20	M16

Other measurement can be requested

Cement Plant

- PT. Semen Bosowa
- PT. Semen Tonasa
- PT. Semen BatuRaja
- PT. Indocement Tungal Prakarsa, Tbk
- PT. Holcim Indonesia
- PT. Semen Merah Putih
- PT. Semen Indonesia
- Semen Padang

Pulp and Paper, Agriculture, and Sugar

- PT. Tanjung Enim Lestari Pulp and Paper
- PT. Pupuk Sriwijaya
- PT. Kutai Chip Mill Balikpapan
- PT. Petrokimia Gresik
- PT. Pupuk Kalimantan Timur
- PT. Riau Andalan Pulp and Paper
- PT. Asia Pulp and Paper
- PT. MakasarTene
- PT. Sreirejeki (Sugar Factory)

Mining Company

- PT. Bukit Asam (PTBA)
- PT. Vale Indonesia, Tbk
- PT. Dinamika Energitama Nusantara
- PT. Kitadin Embalut, Tengarong
- PT. Adimitra Baratama Nusantara, Sanga-sanga
- PT. Mearus Sopotan Mining
- PT. Indominco
- PT. Lana Harita
- PT. Kitadin Embalut
- PT. Agincourt Resources
- PT. Mitra Bara Group
- PT. Alhasanie, Sanga-sanga
- PT. Windoe Andesit Utama
- PT. Kalimantan Energi Lestari

PLTU

- PT. PLTU Labuhan Angin Sibolga
- PT. PLTU Suralaya
- PT. PLTU Bukit Asam Tanjung Enim
- PT. PLTU Tarahan Lampung
- PT. PLTU Labuhan Banten
- PT. PLTU Lontar
- PT. Cirebon Power Service
- PT. Cikarang Listrindo
- PT. KPJB Jepara
- PT. PLTU Rembang
- PT. PLTU Pacitan
- PLTU Adipala Cilacap
- PLTU Ombilin
- PLTU Teluk Sirih
- PLTU Tenayan Raya

Contractor

- PT. Dwi Cakra Manunggal
- PT. WIKA
- PT. Melu Bangun Wisesa
- PT. Hasta SaktiSejat

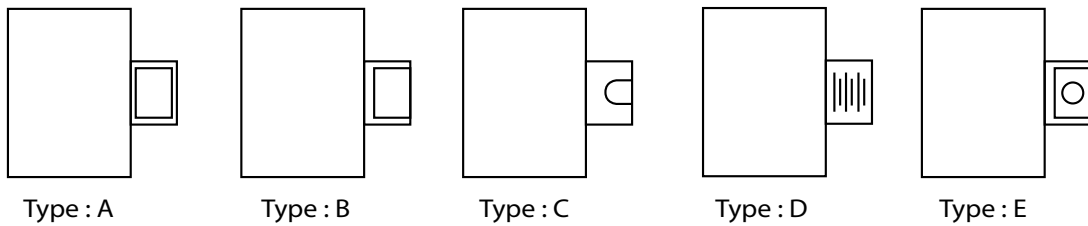
Marine Section

- PT. Multi Guna Maritime
- PT. WHS Maritime
- PT. Pelayaran Tanjung Riau Service

T - Type	d	D	L	L1	L2	B

1. Roller shell
2. Bearing support heads
3. Bearing
4. Shaft
5. Circlip
6. Inner seal ring
7. Labyrinth seal outer
8. Labyrinth seal inner
9. Main deflector
10. Protective shield

Grooving Type



Purpose			Scale :		Date	Description		Material																														
						Remarks :																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td> </td><td> </td><td> </td><td> </td><td>Date</td><td>Name</td> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td>Drawn</td><td> </td> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td>Chk</td><td> </td> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td>Chk</td><td> </td> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td>App</td><td> </td> </tr> </table>					Date	Name					Drawn						Chk						Chk						App		Assembly Drawing Catroller®					Customer :		A4
					Date	Name																																
					Drawn																																	
					Chk																																	
					Chk																																	
				App																																		
Catroller®					Dwg. No :		Sheet :																															
No.	Revision	Date	Name																																			

CONTACT

☎ +62 21 5417190

✉ catroll@nusa.net.id