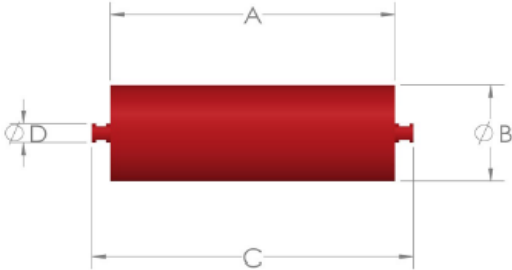
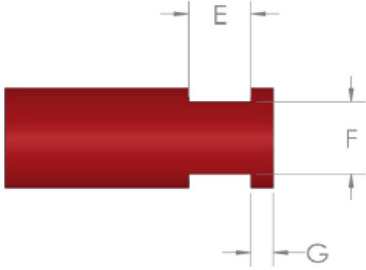
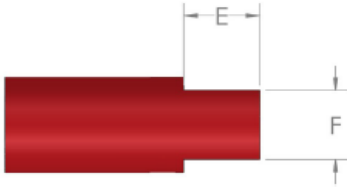
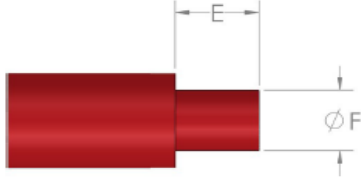
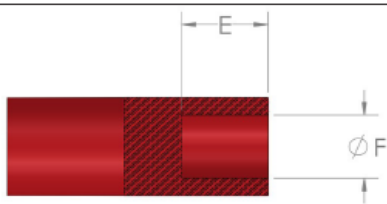
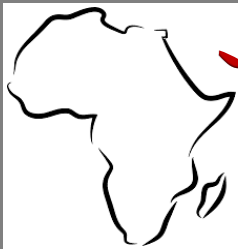


Idlers Brochure and Questionnaire

Idler Identification Form

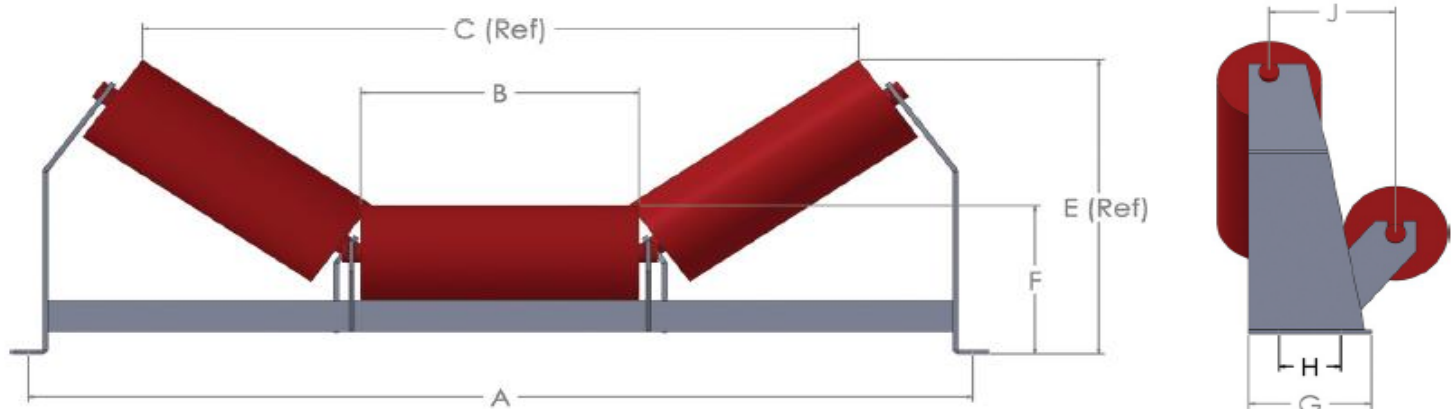
IDLER TYPE				
STEEL	IMPACT	HDPE		
			IDLER DIMENSIONS	
			A	
			B	
			C	
			D	

SHAFT TYPE AND DIMENSIONS				
SHAFT TYPE 1 STANDARD		E		
		F		
		G		
SHAFT TYPE 2 OPEN ENDED		E		
		F		
SHAFT TYPE 3 ROUND MACHINE		E		
		F		
SHAFT TYPE 4 DRILLED		E		
		F		



Idlers Brochure and Questionnaire

TRoughing IDLERS

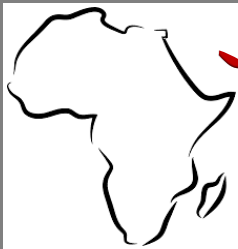


TRoughing S25 127ø

SERIES		25	SERIES 25 152ø IDLERS AVAILABLE ONREQUEST							
No ROLLS		3	Also available in Series 25 127ø HDPE							
ROLL DIA		127					20°		35°	
BELT WIDTH	A	B	F	G	H	SLOTTED HOLES	E	C	E	C
450	686	190	203	150		14x25	279	526	310	486
600	838	240	203	150		14x25	283	668	338	617
750	990	290	203	150		14x25	300	812	367	749
900	1144	340	203	150		14x25	317	956	396	888
1050	1296	390	203	150	100	14x25	334	1100	424	1013
1200	1448	450	203	150	100	14x25	354	1273	459	1171
1350	1600	500	203	300	240	18x30	371	1417	487	1303
1500	1752	560	203	300	240	18x30	392	1589	522	1461
1650	1904	610	203	300	240	18x30	409	1733	551	1593
1800	2058	660	203	300	240	18x30	426	1877	579	1725
2100	2362	765	203	420	310	18x30	465	2187	642	2004
2400	2668	870	203	420	310	18x30	501	2490	702	2281

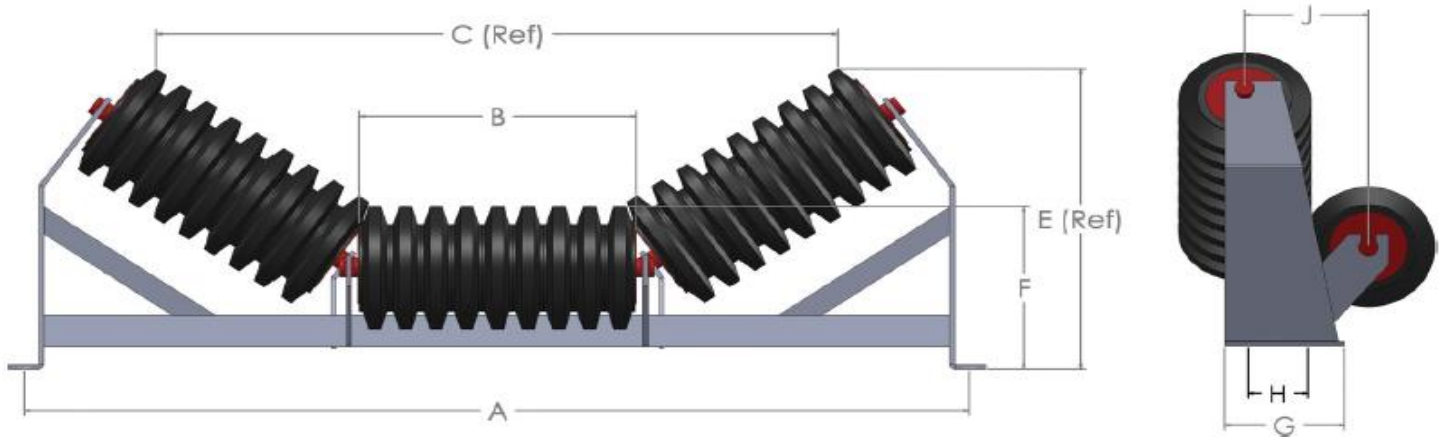
TRoughing S30 152ø

SERIES		25	SERIES 25 133ø IDLERS AVAILABLE ONREQUEST							
No ROLLS		3								
ROLL DIA		152					20°		35°	
BELT WIDTH	A	B	F	G	H	SLOTTED HOLES	E	C	E	C
1050	1296	390	265	300	240	18x30	395	1090	482	989
	1448	450	265	300	240	18x30	416	1263	517	1147
1350	1600	500	265	300	240	18x30	433	1407	545	1279
1500	1752	560	285	300	240	18x30	474	1581	600	1438
1650	1904	610	285	370	310	18x30	491	1724	629	1569
1800	2058	660	285	370	310	18x30	508	1868	657	1701
2100	2362	765	285	370	310	18x30	544	2170	717	1978
2400	2668	870	285	370	310	18x30	580	2472	778	2255



Idlers Brochure and Questionnaire

IMPACT IDLERS



TROUGHING IMPACT S25 152ø

SERIES		25	SERIES 25 133ø IDLERS AVAILABLE ON REQUEST							
No ROLLS		3								
ROLL DIA		152					20°		35°	
BELT WIDTH	A	B	F	G	H	SLOTTED HOLES	E	C	E	C
600	838	240	215	180	150	18x30	294	660	348	603
750	990	290	215	180	150	18x30	311	804	377	735
900	1144	340	215	180	150	18x30	329	948	405	867
1050	1296	390	215	180	150	18x30	346	1091	434	998
1200	1448	450	215	180	150	18x30	366	1264	468	1157
1350	1600	500	215	300	240	18x30	383	1408	497	1289
1500	1752	560	215	300	240	18x30	404	1581	531	1447
1650	1904	610	215	300	240	18x30	421	1725	560	1579
1800	2058	660	215	300	240	18x30	438	1869	589	1711
2100	2362	765	215	420	310	18x30	465	2187	642	2004
2400	2668	870	215	420	310	18x30	501	2490	702	2281

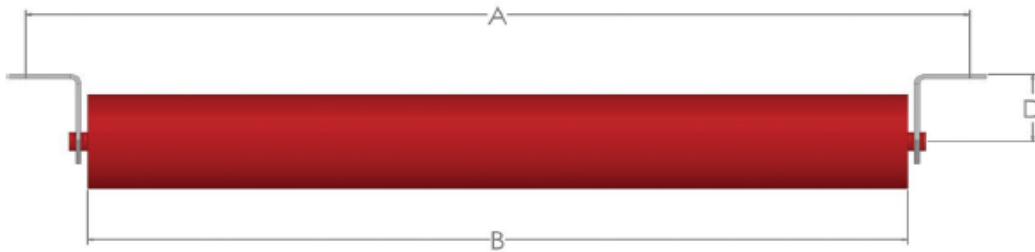
TROUGHING IMPACT S30 152ø

SERIES		30								
No ROLLS		3								
ROLL DIA (D)		152					20°		35°	
BELT WIDTH	A	B	F	G	H	SLOTTED HOLES	E	C	E	C
1050	1296	390	265	300	240	18x30	395	1090	482	989
1200	1448	450	265	300	240	18x30	416	1263	517	1147
1350	1600	500	265	300	240	18x30	433	1407	545	1279
1500	1752	560	285	300	240	18x30	474	1581	600	1438
1650	1904	610	285	370	310	18x30	491	1724	629	1569
1800	2058	660	285	370	310	18x30	508	1868	657	1701
2100	2362	765	285	370	310	18x30	544	2170	717	1978
2400	2668	870	285	370	310	18x30	580	2472	778	2255



Idlers Brochure and Questionnaire

FLAT RETURN IDLERS



FLAT RETURN S25 127ø

SERIES			25		
ROLL DIA			127		
No OF ROLLS			1		
DROP HEIGHT (D) in mm			40 or 90		
BELT WIDTH	A	B	G	H	SLOTTED HOLES
450	686	536	150	100	14x25
500	736	586	150	100	14x25
600	838	688	150	100	14x25
750	990	840	150	100	14x25
900	1144	994	150	100	14x25
1050	1296	1146	150	100	14x25
1200	1448	1298	150	100	14x25
1350	1600	1450	150	100	14x25
1500	1752	1602	150	100	14x25
1650	1904	1754	150	100	14x25
1800	2058	1908	150	100	14x25

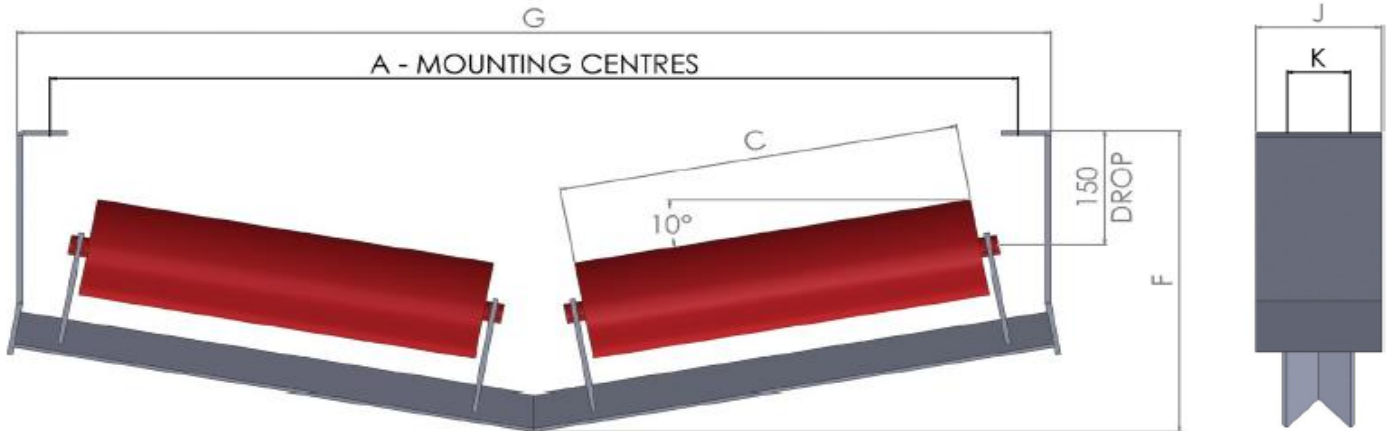
FLAT RETURN S30 152ø

SERIES			30		
ROLL DIA			152		
No OF ROLLS			1		
DROP HEIGHT (D) in mm			40 or 90		
BELT WIDTH	A	B	G	H	SLOTTED HOLES
1050	1296	1146	150	100	14x25
1200	1448	1298	150	100	14x25
1350	1600	1450	150	100	14x25
1500	1752	1602	200	150	18x30
1650	1904	1754	200	150	18x30
1800	2058	1908	200	150	18x30



Idlers Brochure and Questionnaire

V-RETURN IDLERS



V-RETURN S25 127ø

SERIES		25					
ROLL DIA		127					
No OF ROLLS		2					
BELT WIDTH	A	C	F	G	J	K	SLOTTED HOLES
600	838	300	377	908	150	100	14x25
750	990	400	390	1060	150	100	14x25
900	1144	475	404	1214	150	100	14x25
1050	1296	560	418	1366	150	100	14x25
1200	1448	635	431	1518	150	100	14x25
1350	1600	720	444	1670	150	100	14x25
1500	1752	800	458	1822	150	100	14x25
1650	1904	885	471	1974	150	100	14x25
1800	2058	965	485	2128	150	100	14x25

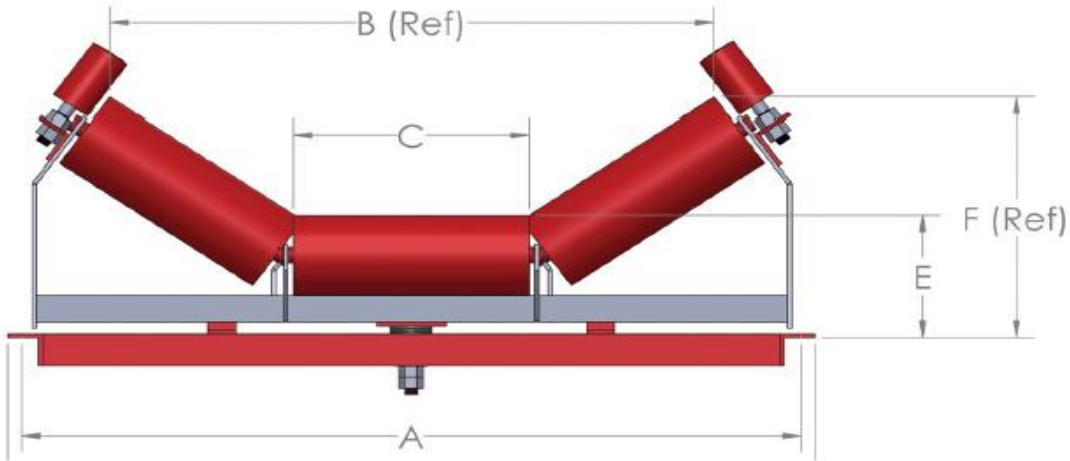
V-RETURN S30 152ø

SERIES		30					
ROLL DIA		152					
No OF ROLLS		2					
BELT WIDTH	A	C	F	G	J	K	SLOTTED HOLES
1050	1296	560	418	1366	170	100	14x25
1200	1448	635	431	1518	170	100	14x25
1350	1600	720	444	1670	170	100	14x25
1500	1752	800	458	1822	220	150	18x30
1650	1904	885	471	1974	220	150	18x30
1800	2058	965	485	2128	220	150	18x30
2100	2362	1146	533	2432	310	240	18x30
2400	2668	1298	540	2738	310	240	18x30



Idlers Brochure and Questionnaire

TRoughing Training Idlers



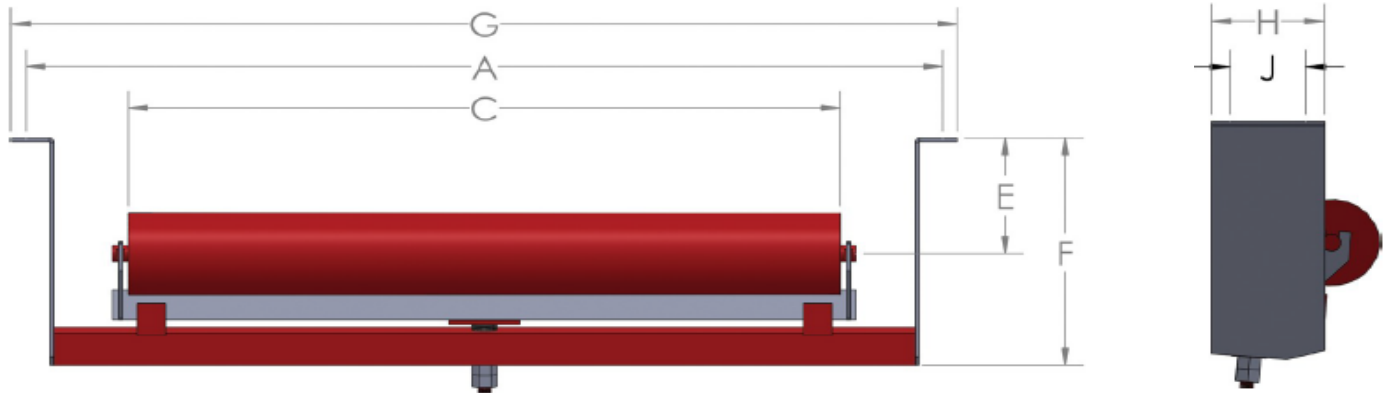
TRoughing Training S25 127ø

SERIES		25									
No OF ROLLS		3									
ROLL DIA		127									
BELT WIDTH	A	C	E	G	H	J	SLOTTED HOLES	20°		35°	
								B	F	B	F
450	686	190	215	736	100	150	14x25	528	278	483	321
600	838	240	215	888	100	150	14x25	672	295	615	350
750	990	290	215	1040	100	150	14x25	816	313	747	378
900	1144	340	215	1194	100	150	14x25	959	329	879	407
1050	1296	390	215	1346	100	150	14x25	1103	347	1011	436
1200	1448	450	215	1498	100	150	14x25	1276	367	1169	470
1350	1600	500	215	1650	240	310	18x30	1420	384	1301	499
1500	1752	560	215	1802	240	310	18x30	1592	405	1459	533



Idlers Brochure and Questionnaire

FLAT RETURN TRAINING IDLERS



FLAT RETURN TRAINING S25 127ø

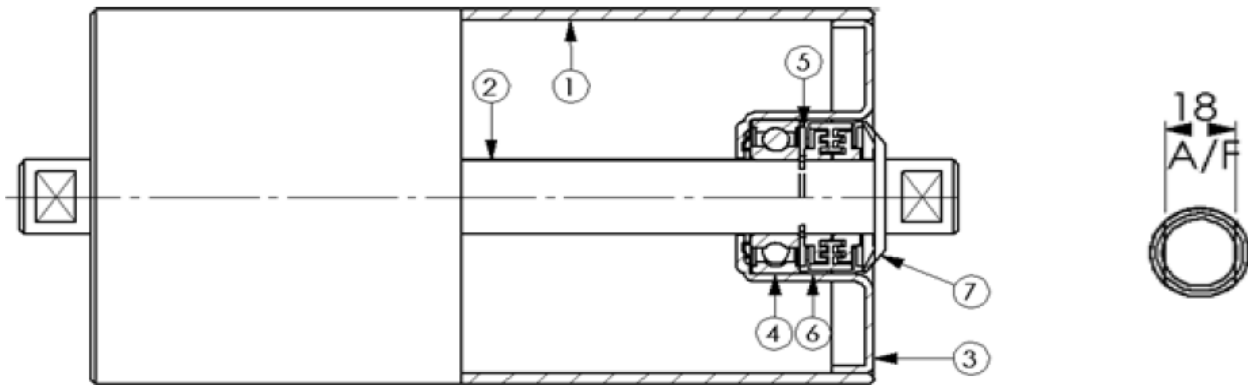
SERIES			25						
ROLL DIA			127						
No OF ROLLS			2						
BELT WIDTH	A	C	E	F	G	H	J	SLOTTED HOLES	
600	838	688	90	345	888	150	100	14x25	
750	990	840	90	345	1040	150	100	14x25	
900	1144	994	90	345	1194	150	100	14x25	
1050	1296	1146	90	345	1346	150	100	14x25	
1200	1448	1298	90	345	1498	150	100	14x25	
1350	1600	1450	90	345	1650	150	100	14x25	
1500	1752	1602	90	345	1802	150	100	14x25	
1650	1904	1754	90	345	1954	240	310	18x30	
1800	2058	1908	90	345	2108	240	310	18x30	



Idlers Brochure and Questionnaire

SECTION THROUGH SERIES

25 STEEL IDLER



Closed end shafts supplied as standard unless open end specified.

1. Ø127mm nominal diameter steel tube, electrically welded high yield stress steel. To SANS 657:Part III
2. Ø25mm bright mild steel solid shafting, to limits as specified for accurate radial clearance of inner bearing race. To BS 970 Part I Grade 070m20 En3B.
3. 2.5mm thick die stamped steel head, to within tolerances that guarantee minimum T.I.R. of roll on final assembly.
4. Deep groove ball bearing – dynamic load rating of 14900 Newtons. Static load rating of 7800 Newtons.
5. Circlip, positioned axially to provide 0.7mm end play maximum. To SANS 1313-I.
6. Nylon ±65mm path 5-part labyrinth seal.
7. Flinger ring with low contact friction.

Benefits

- Low seal friction.
- Manufactured to controlled Quality Standards.
- Ovality and Concentricity to within limits set by SANS.
- Factory greased for life.

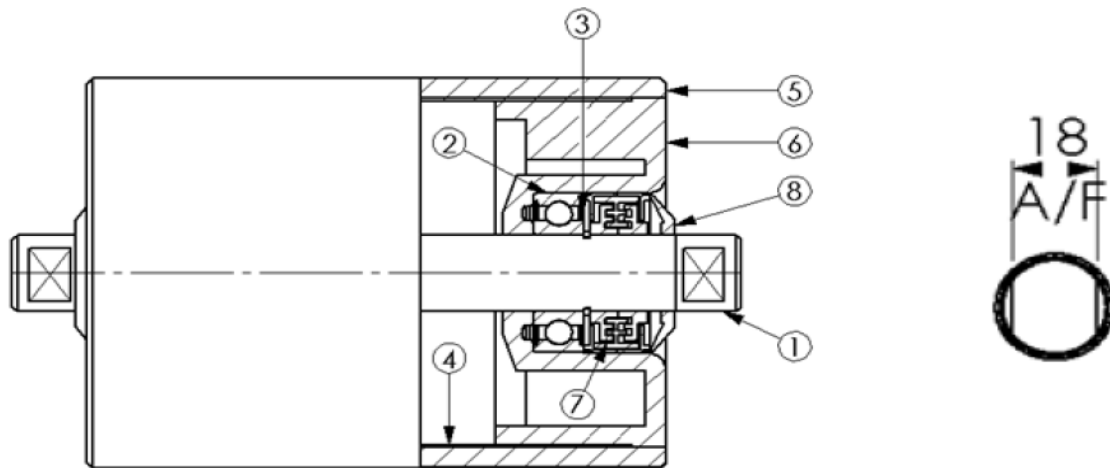




Idlers Brochure and Questionnaire

SECTION THROUGH SERIES

25 HDPE IDLER

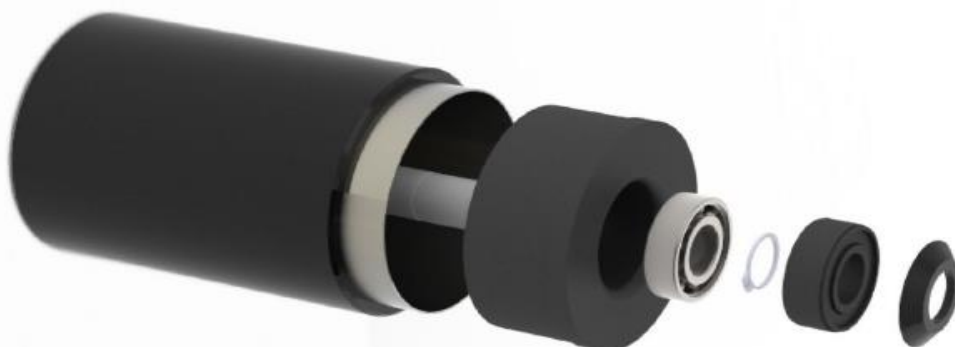


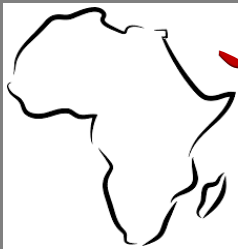
Closed end shafts supplied as standard unless open end specified.

1. Ø25mm bright mild steel solid shafting, to limits as specified for accurate radial clearance of inner bearing race. To BS 970 Part 1 Grade 070m20 En3B.
2. Deep groove ball bearing – dynamic load rating of 14900 Newtons. Static load rating of 7800 Newtons.
3. Circlip, positioned axially to provide 0.7mm end play maximum. To SANS 1313-1.
4. Ø114x2mm thick, electrically welded high yield stress steel tube.
5. 6.5mm thick H.D.P.E. (High Density Poly-Ethylene) sleeve to give high resistance to corrosion and minimize material build up.
6. HDPE housing 50% impact modified nylon/50% Nylon 66 fiber filled, ribbed for rigidity.
7. Nylon ±65mm path 5-part labyrinth seal.
8. Flinger ring with low contact friction.

9. Benefits

- Low seal friction.
- Manufactured to controlled Quality Standards.
- Ovality and Concentricity to within limits set by SANS.
- Factory greased for life.
- Highly recommended for high corrosion environments.





Idlers Brochure and Questionnaire

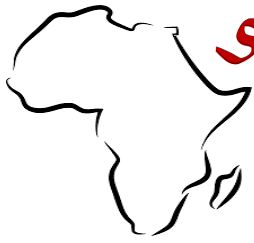
IMPACT IDLERS

THROUGHING IMPACT S25 152Ø

SERIES		25									
NO. ROLLS		3									
ROLL DIA.		152									
BELT WIDTH	A	B	F	G	H	SLOTTED HOLES	20°		35°		
							E	C	E	C	
600	838	240	215	180	150	18X30	294	660	348	603	
750	990	290	215	180	150	18X30	311	804	377	735	
900	1144	340	215	180	150	18X30	329	948	405	867	
1050	1296	390	215	180	150	18X30	346	1091	434	998	
1200	1448	450	215	180	150	18X30	366	1264	468	1157	
1350	1600	500	215	300	240	18X30	383	1408	497	1289	
1500	1752	560	215	300	240	18X30	404	1581	531	1447	
1650	1904	610	215	300	240	18X30	421	1725	560	1579	
1800	2058	660	215	300	240	18X30	438	1869	589	1711	
2100	2362	765	215	420	310	18X30	465	2187	642	2004	
2400	2668	870	215	420	310	18X30	501	2490	702	2281	

THROUGHING IMPACT S30 152Ø

SERIES		30									
NO. ROLLS		3									
ROLL DIA.		152									
BELT WIDTH	A	B	F	G	H	SLOTTED HOLES	20°		35°		
							E	C	E	C	
1050	1296	390	265	300	240	18X30	395	1090	482	989	
1200	1448	450	265	300	240	18X30	416	1263	517	1147	
1350	1600	500	265	300	240	18X30	433	1407	545	1279	
1500	1752	560	265	300	240	18X30	474	1581	600	1438	
1650	1904	610	265	370	310	18X30	491	1724	629	1569	
1800	2058	660	265	370	310	18X30	508	1868	657	1701	
2100	2362	765	265	370	310	18X30	544	2170	717	1978	
2400	2668	870	265	370	310	18X30	580	2472	778	2255	

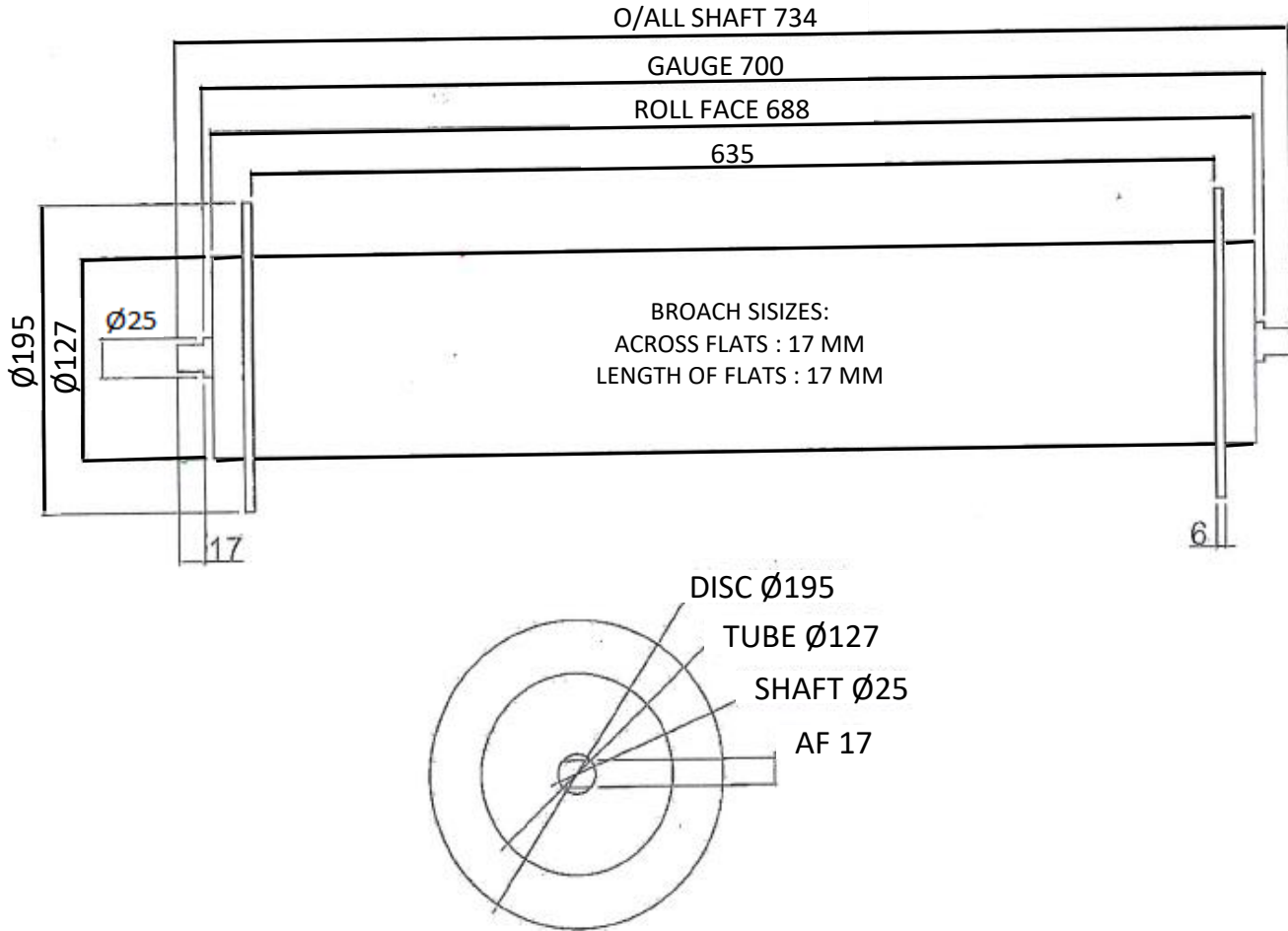


Stanthron Africa Pty (Ltd)

info@stanafrica.co.za

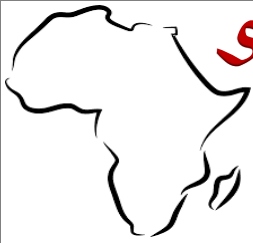
Idlers - General assembly STEEL

688 IDLER



UNLESS OTHERWISE STATED		Page 1/1	Date: 02/03/2020
MACHINING Up to and included 300 ± 0.3 Over 300 ± 0.8 FABRICATION Hole centers ± 1 Length and assemblies ± 2		Drawing No: STAN 688 IDLER	
		Title STANTHRON AFRICA Ø127 TUBE 688 LONG S25 SHAFT 734 LONG O/E COME WITH Øx 6 THK DISCS	

Stanthron Africa Pty (Ltd)
 26 Skurweberg Street, Vaalbank, Middelburg, 1050
 VAT No: 4680278167 Reg.No: 2019/191730/07
 Tel No: 082 3222 421 Tel No: 082 3310545
 www.stanafrica.co.za Email: info@stanafrica.co.za

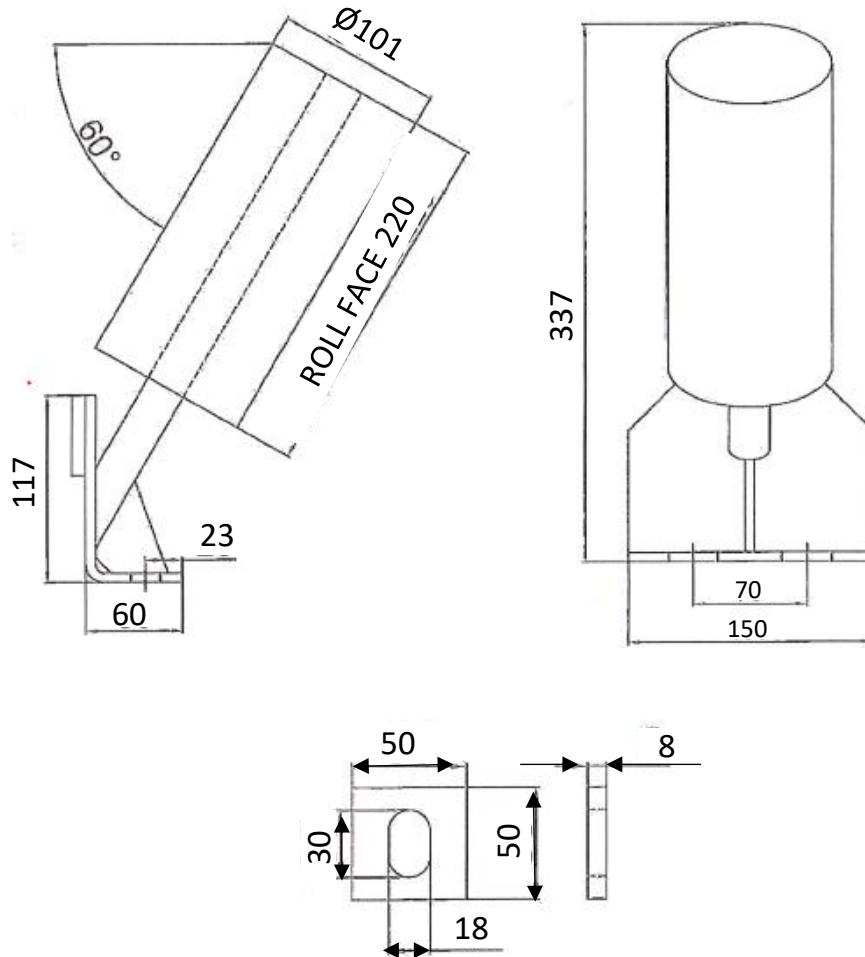


Stanthron Africa Pty (Ltd)

info@stanafrica.co.za

Idlers - General assembly HDPE

STUB IDLER 60 DEGREE



UNLESS OTHERWISE STATED		Page 1/1	Date: 02/03/2020
MACHINING Up to and included 300 ± 0.3 Over 300 ± 0.8		Drawing No: STAN STUB IDLER 60 DEGREE	
		Title STANTHRON AFRICA ROLL FACE 220mm Ø101 TUBE 60 DEGREES STUB IDLER	
FABRICATION Hole centers ± 1 Length and assemblies ± 2			

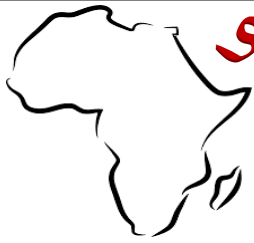
Stanthron Africa Pty (Ltd)

26 Skurweberg Street, Vaalbank, Middelburg, 1050

VAT No: 4680278167 Reg.No: 2019/191730/07

Tel No: 082 3222 421 Tel No: 082 3310545

www.stanafrica.co.za Email: info@stanafrica.co.za

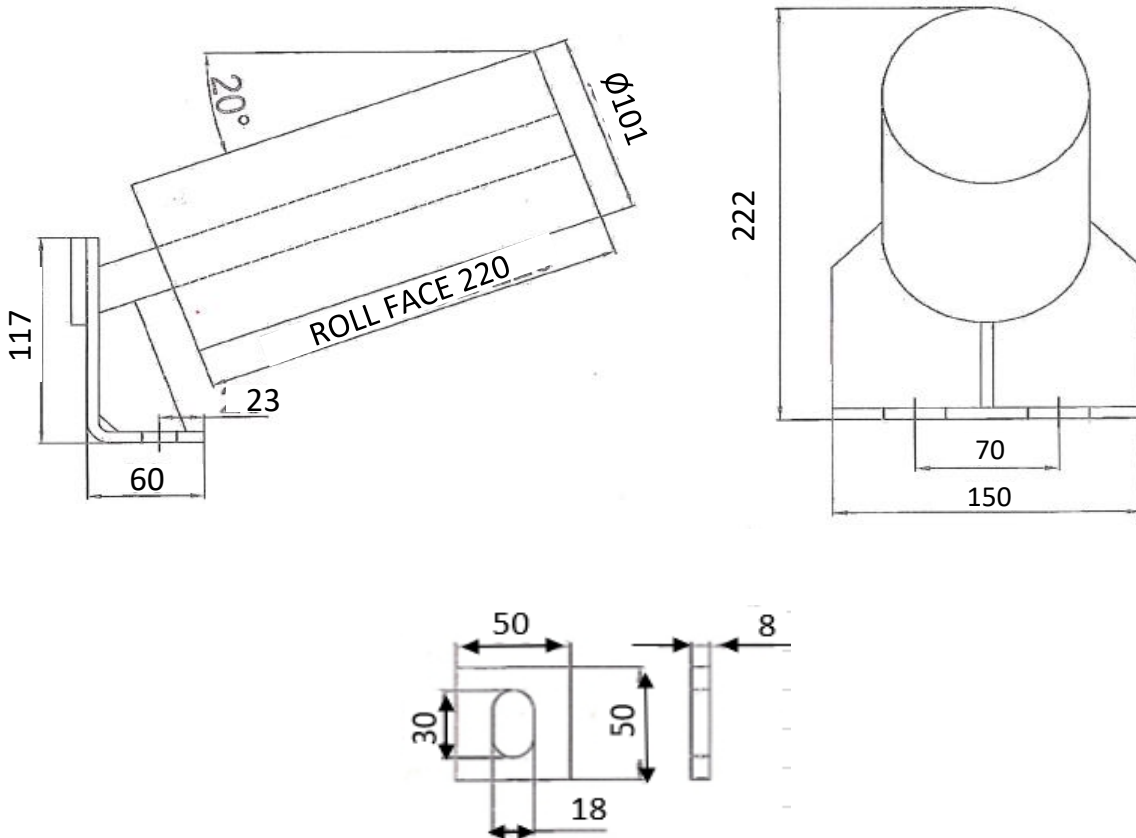


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Idlers - General assembly HDPE

STUB IDLER 20 DEGREE



UNLESS OTHERWISE STATED		Page 1/1	Date: 02/03/2020
MACHINING Up to and included 300 ± 0.3 Over 300 ± 0.8		Drawing No: STAN STUB IDLER 20 DEGREE	
		Title STANTHRON AFRICA ROLL FACE 220mm Ø101 TUBE 20 DEGREES STUB IDLER	
FABRICATION Hole centers ± 1 Length and assemblies ± 2			

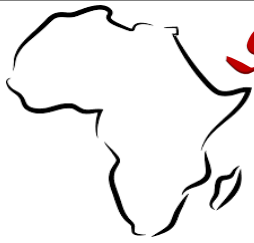
Stanthron Africa Pty (Ltd)

26 Skurweberg Street, Vaalbank, Middelburg, 1050

VAT No: 4680278167 Reg.No: 2019/191730/07

Tel No: 082 3222 421 Tel No: 082 3310545

www.stanafrica.co.za Email: info@stanafrica.co.za

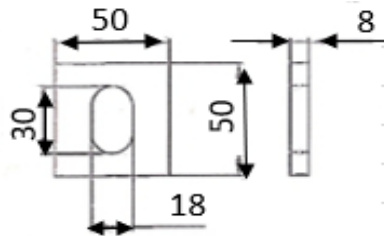
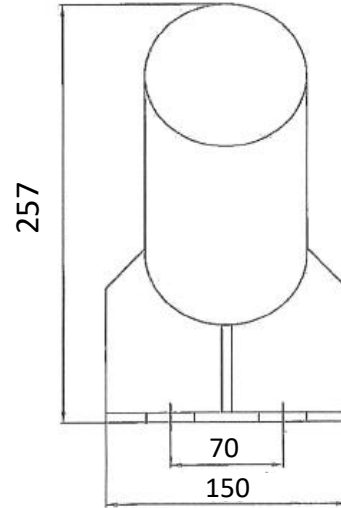
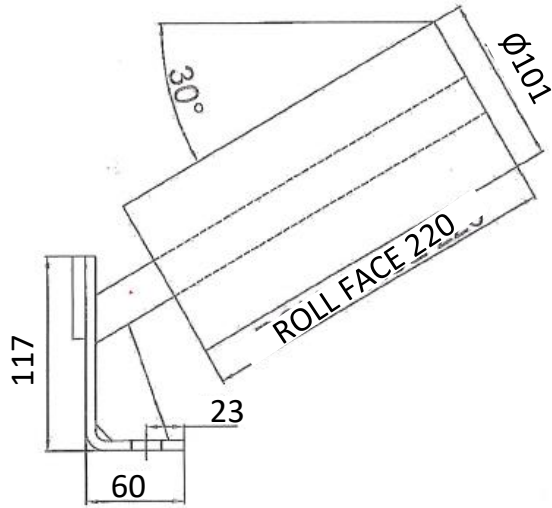


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Idlers - General assembly HDPE

STUB IDLER 30 DEGREE



UNLESS OTHERWISE STATED		Page 1/1	Date: 02/03/2020
MACHINING Up to and included 300 ± 0.3 Over 300 ± 0.8		Drawing No: STAN STUB IDLER 30 DEGREE	
		Title STANTHRON AFRICA ROLL FACE 220mm Ø101 TUBE 30 DEGREES STUB IDLER	
FABRICATION Hole centers ± 1 Length and assemblies ± 2			

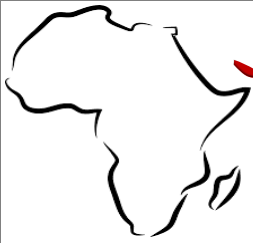
Stanthron Africa Pty (Ltd)

26 Skurweberg Street, Vaalbank, Middelburg, 1050

VAT No: 4680278167 Reg.No: 2019/191730/07

Tel No: 082 3222 421 Tel No: 082 3310545

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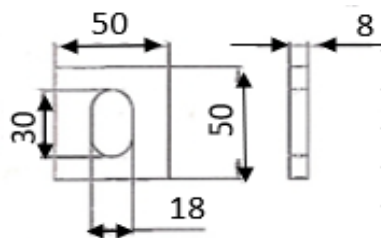
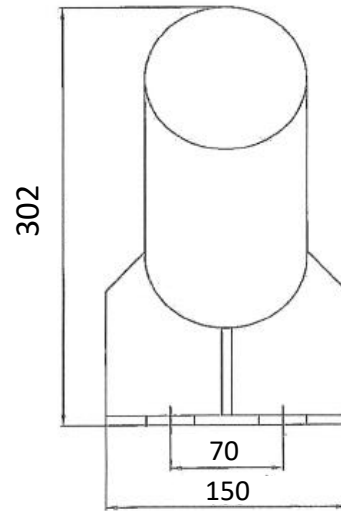
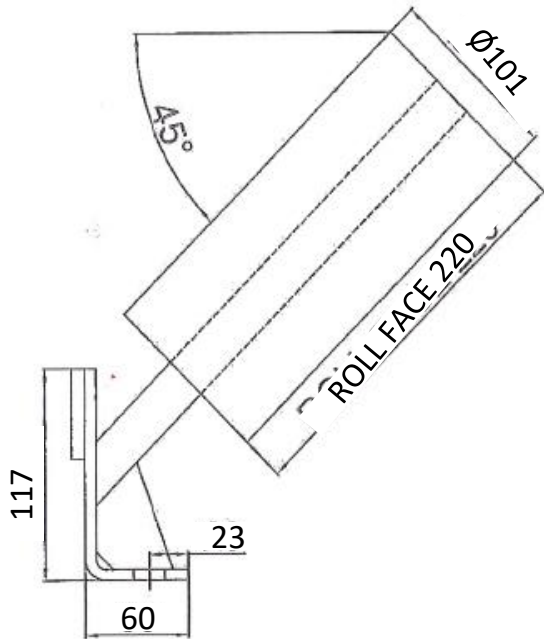


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Idlers - General assembly HDPE

STUB IDLER 45 DEGREE



UNLESS OTHERWISE STATED		Page 1/1	Date: 02/03/2020
MACHINING Up to and included 300 ± 0.3 Over 300 ± 0.8		Drawing No: STAN STUB IDLER 45 DEGREE	
		Title STANTHRON AFRICA ROLL FACE 220mm Ø101 TUBE 45 DEGREES STUB IDLER	
FABRICATION Hole centers ± 1 Length and assemblies ± 2			

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