

RULLI MOTORIZZATI

POWER DRIVEN
ROLLERS

RULLI
MOTORIZZATI
POWER DRIVEN
ROLLERS



RULLI MOTORIZZATI

POWER DRIVEN ROLLERS

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● RULLO BETA3 ● TUBO PVC ● 1R-1RF

● BETA3 ROLLER
● PVC TUBE
● 1R-1RF

● PER CATENA
● TANGENZIALE
● COMANDO INTERNO
● FOR TANGENTIAL
● CHAIN INNER DRIVE



RULLO BETA3 TUBO PVC 1R-1RF

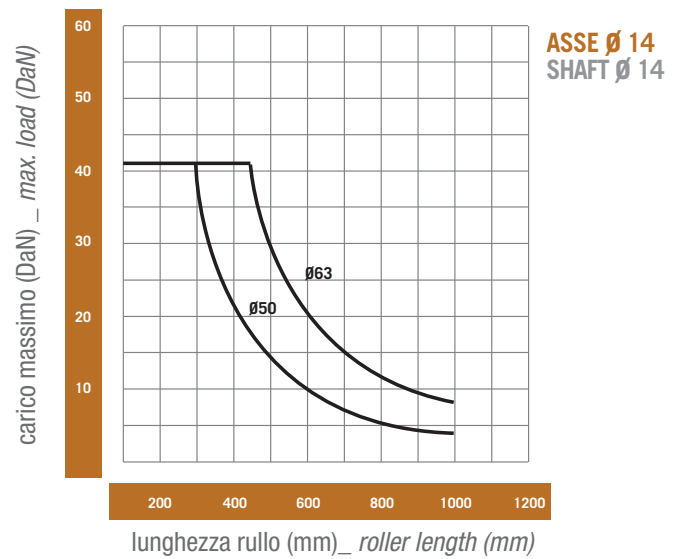
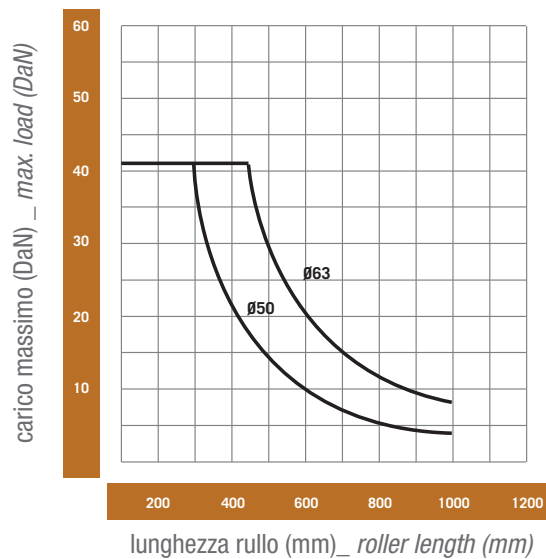
BETA3 ROLLER PVC TUBE 1R-1RF

I rulli BETA3 CI con tubo in PVC sono adatti alla realizzazione di rulliere rettilinee motorizzate. Le testate e i pignoni sono in materiale termoplastico: vengono così garantite un'ottima resistenza all'usura ed una notevole silenziosità. I cuscinetti montati sono tipo 6202 lubrificati a vita. Disponibili nella versione motorizzata (1R) e frizionata (1RF).

BETA3 CI rollers with PVC tube are suitable for straight line power driven roller conveyors. Bushes and pinion sprockets are thermoplastic to guarantee optimal resistance and low noise levels. Pre-lubricated and sealed for life type 6202 bearings are used. Motor (1R) and single frictioned pinion sprocket (1RF) drive versions are available.

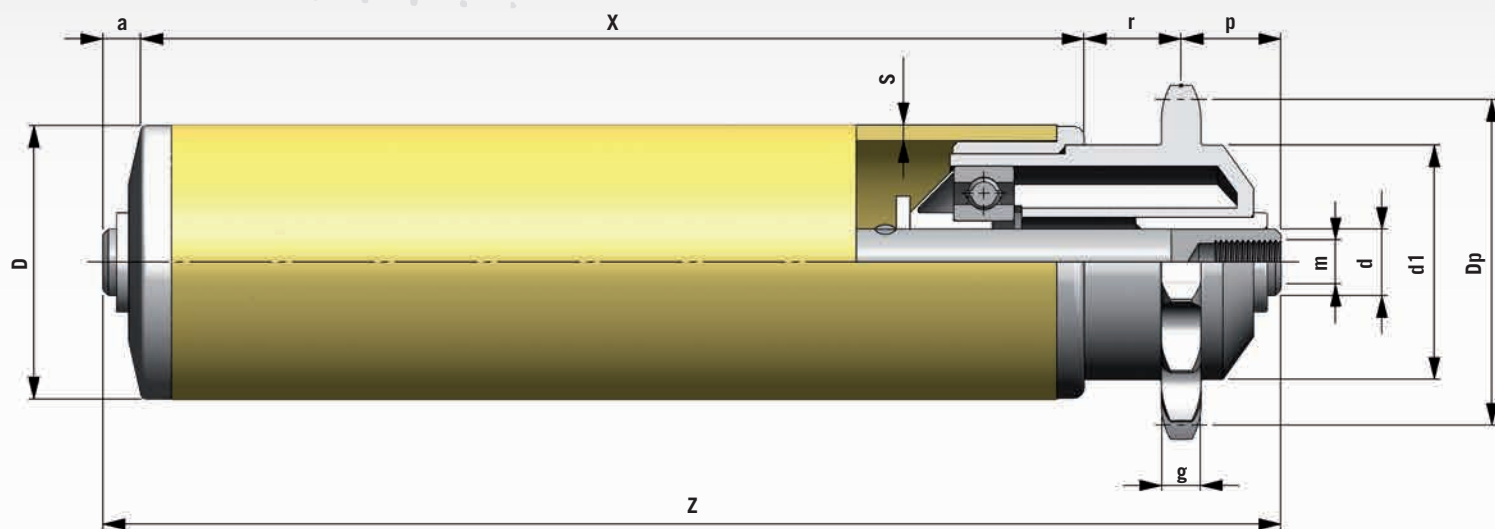
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 50/12 C CI 1RF 1/2" Z=11 X=200 Y=246 Z=282 M12 TUBO PVC

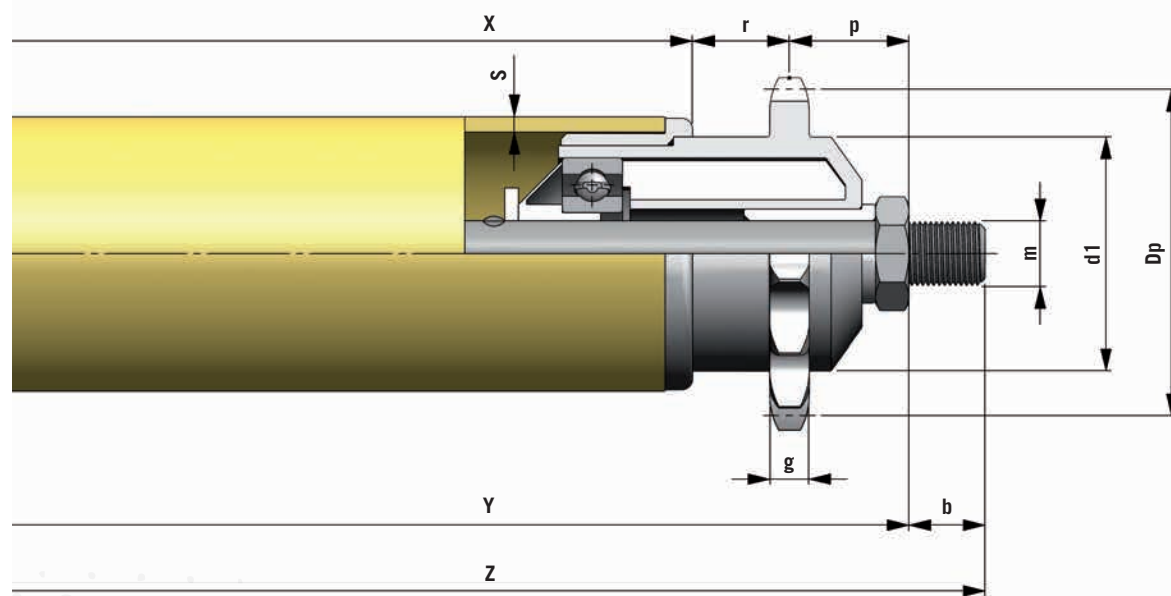


RULLO BETA3 TUBO PVC 1R-1RF

BETA3 ROLLER PVC TUBE 1R-1RF



EXEC B2



EXEC C

RULLO BETA3 TUBO PVC 1R-1RF

BETA3 ROLLER PVC TUBE 1R-1RF

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS						PESO (KG) WEIGHT (KG)	
		a	b	m	D	d	s	X=200	Al mm - Per mm
50/12	B	5		8x15	50	12	2.8	0.503	0.00149
	C	12	18	12					
63/12	B	5		8x15	63	12	3	0.594	0.00171
	C	12	18	12					
50/14	B	5		10x15	50	14	2.8	0.595	0.00181
	C	13	22	14					
63/14	B	5		10x15	63	14	3	0.686	0.00203
	C	13	22	14					

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

D	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS			
					p	r	g	d1
50	1/2" x 5/16"	9	37.13	B	16	15	7	22
				C m12	23			
				C m14	24			
		11	45.07	B	12	15	7	30
				C m12	19			
				C m14	20			
		14	57.07	B	15.5	17.5	7	43
				C m12	22.5			
				C m14	23.5			
63	1/2" x 5/16"	9	37.13	B	16	15	7	22
				C m12	23			
				C m14	24			
		11	45.07	B	12	15	7	30
				C m12	19			
				C m14	20			
		14	57.07	B	15.5	17.5	7	43
				C m12	22.5			
				C m14	23.5			

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized Steel Shafts
Tubo di colore diverso	Different tube colors
Pignone acciaio	Steel pinion sprockets
Pignone acciaio inox	Stainless steel pinion sprockets
Cuscinetto acciaio inox	Stainless Steel bearings
Passo e numero denti pignone diversi	Pinion sprockets with different pitch and n° of teeth

● RULLO BETA3 ● TUBO PVC ● 2R-2RF

● BETA3 ROLLER
● PVC TUBE
● 2R-2RF

● PER ANELLI
● DI CATENA
● COMANDO INTERNO
● FOR CHAIN LINK
● INNER DRIVE



RULLO BETA3 TUBO PVC 2R-2RF

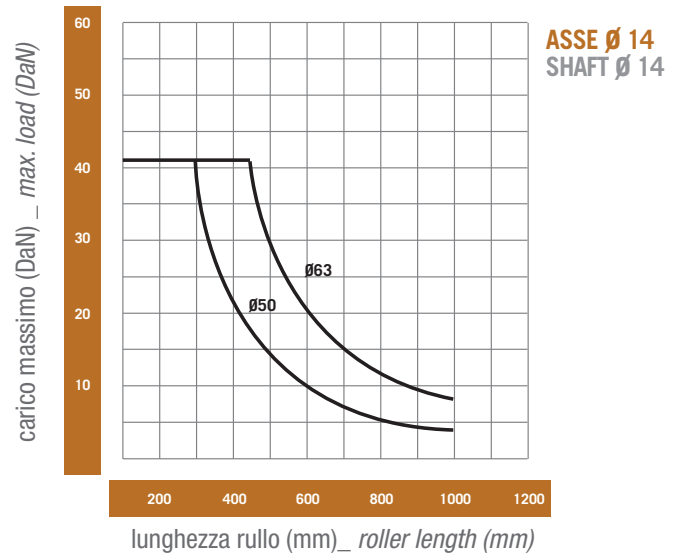
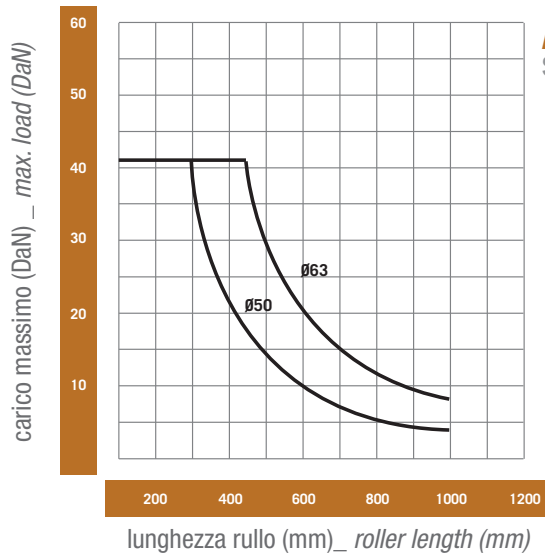
BETA3 ROLLER PVC TUBE 2R-2RF

I rulli BETA3 CI con tubo in PVC sono adatti alla realizzazione di rulliere rettilinee motorizzate. Le testate e i pignoni sono in materiale termoplastico: vengono così garantite un'ottima resistenza all'usura ed una notevole silenziosità. I cuscinetti montati sono tipo 6202 lubrificati a vita. Disponibili nella versione motorizzata (2R) e frizionata (2RF).

BETA3 CI roller with PVC tube are suitable for straight line power driven roller conveyors. Bushes and pinion sprockets are thermoplastic to guarantee optimal resistance and low noise levels. Pre-lubricated and sealed for life type 6202 bearings are used. Motor (2R) and double frictioned pinion sprocket (2RF) drive versions available.

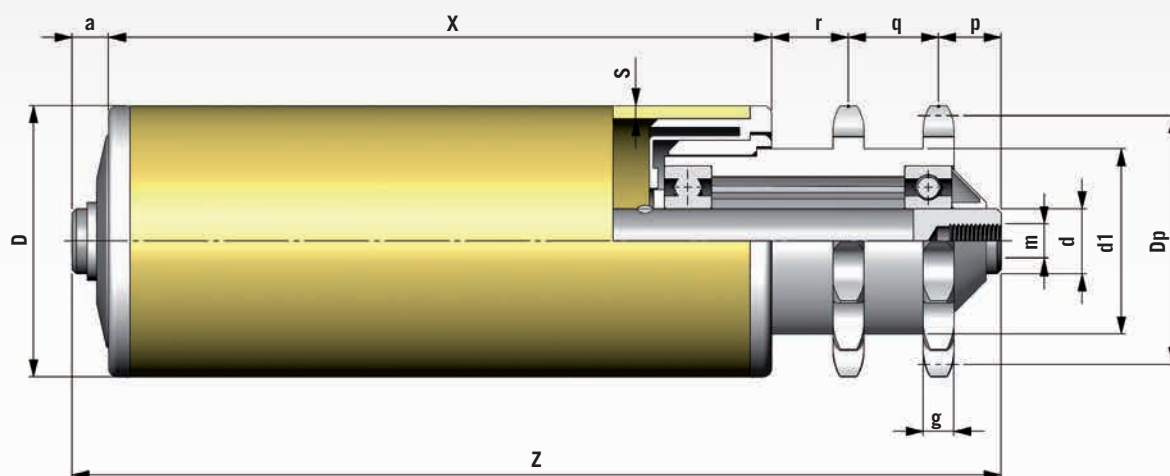
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 63/14 B2 CI 2RF 1/2" Z=14 X=200 Z=256 M10x20 TUBO PVC

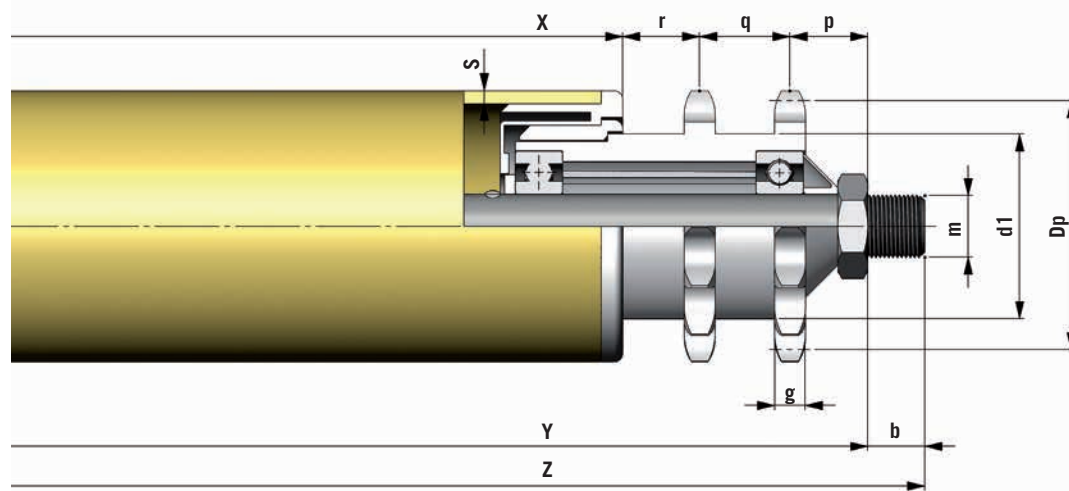


RULLO BETA3 TUBO PVC 2R-2RF

BETA3 ROLLER PVC TUBE 2R-2RF



EXEC B2



EXEC C

RULLO BETA3 TUBO PVC 2R-2RF

BETA3 ROLLER PVC TUBE 2R-2RF

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS						PESO (KG) WEIGHT (KG)	
		a	b	m	D	d	s	X=200	At mm - Per mm
50/12	B	5.5		8x15	50	12	2.8	0.559	0.00149
	C	12.5	18	12					
63/12	B	5.5		8x15	63	12	3	0.651	0.00171
	C	12.5	18	12					
50/14	B	5.5		10x15	50	12	2.8	0.650	0.00181
	C	13.5	22	14					
63/14	B	5.5		10x15	63	12	3	0.742	0.00203
	C	13.5	22	14					

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

D	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS				
					p	q	r	g	d1
50	1/2" x 5/16"	14	57.07	B	11	21	18.5	7	43
				C m12	19				
				C m14	19				
63	1/2" x 5/16"	14	57.07	B	11	21	18.5	7	43
				C m12	19				
				C m14	19				

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized Steel Shafts
Tubo di colore diverso	Different tube colors
Pignone acciaio	Steel pinion sprokets
Pignone acciaio inox	Stainless steel pinion sprokets
Cuscinetto acciaio inox	Stainless Steel bearings
Passo e numero denti pignone diversi	Pinion sprokets with different pitch and n° of teeth

● RULLO BETA3
● TUBO PVC
● IP-IPF (T8 Z20)
● BETA3 ROLLER PVC
● TUBE IP-IPF (T8 Z20)

● PER ANELLI
● DI CINGHIA
● COMANDO INTERNO
● FOR BELT LINK
● INNER DRIVE



RULLO BETA3 TUBO PVC 1P-1PF (T8 Z20)

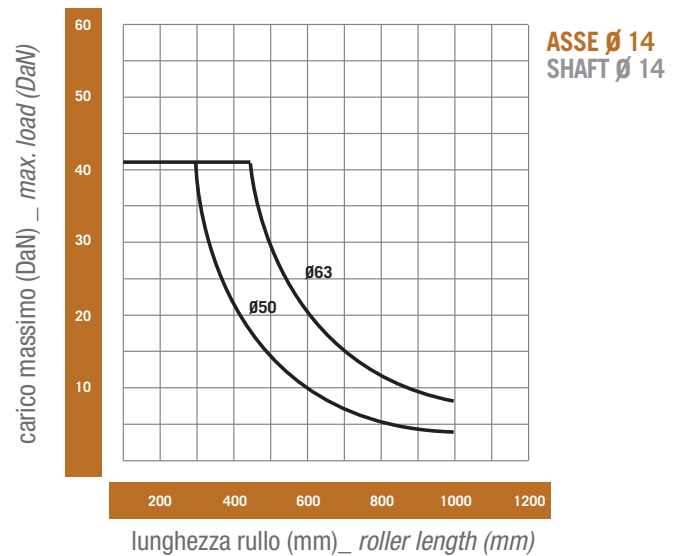
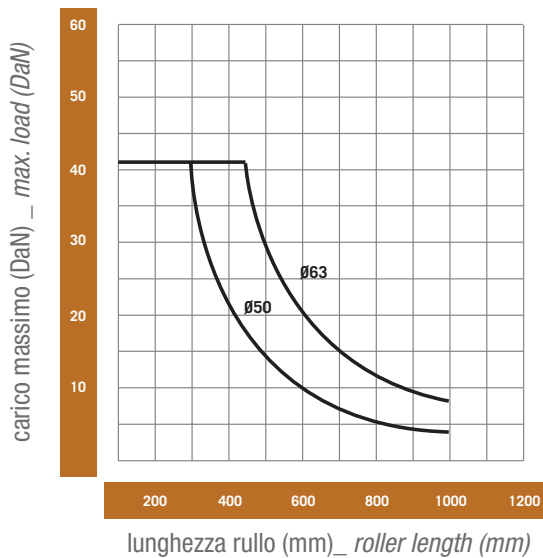
BETA3 ROLLER PVC TUBE 1P-1PF (T8 Z20)

I rulli BETA3 CI con tubo in PVC sono adatti alla realizzazione di rulliere rettilinee motorizzate. Il tubo, le testate e le pulegge sono in materiale termoplastico: sono adatti ad applicazioni con elevate velocità ed inoltre garantiscono una notevole silenziosità. I cuscinetti montati sono tipo 6202 lubrificati a vita. Disponibili nella versione motorizzata (1P) e frizionata (1PF).

BETA3 CI rollers with PVC tube are suitable for straight line power driven roller conveyors. Tube, bushes and pulleys are thermoplastic for high speed with low noise levels. Pre-lubricated and sealed for life type 6202 bearings are used. Motor (1P) and single frictioned pulley (1PF) drive versions available.

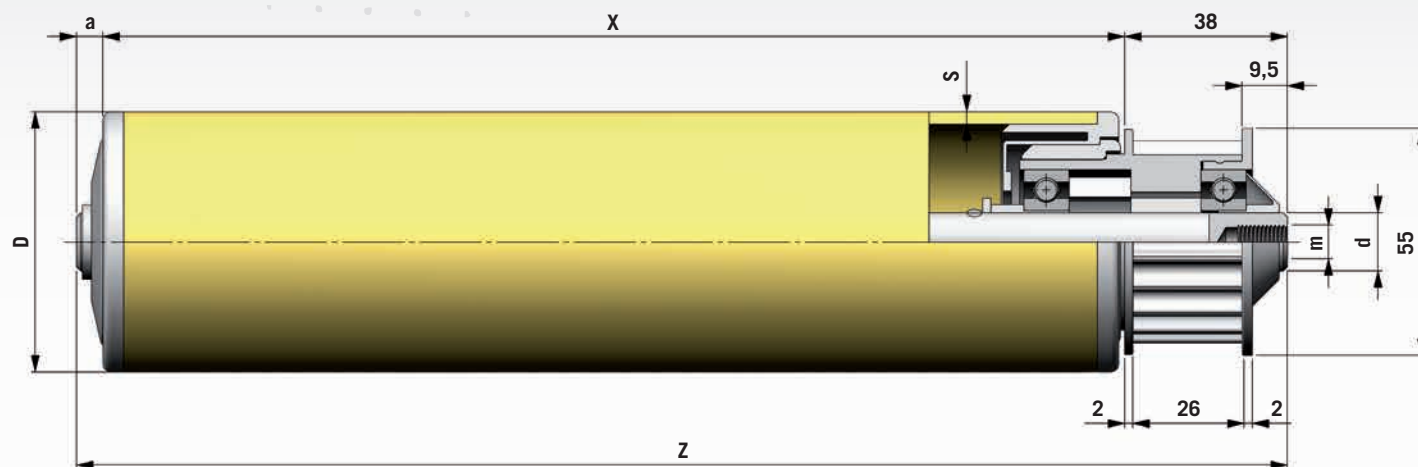
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 50/14 B2 CI 1P T8 Z=20 X=200 Z=243 M10x20 TUBO PVC

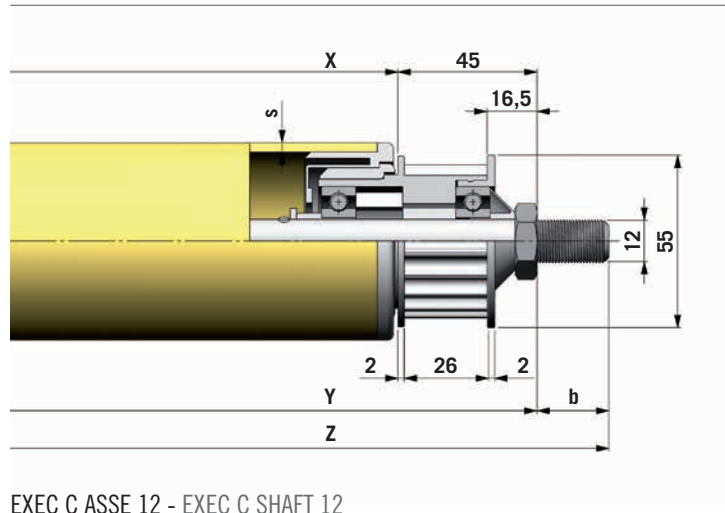


RULLO BETA3 TUBO PVC 1P-1PF (T8 Z20)

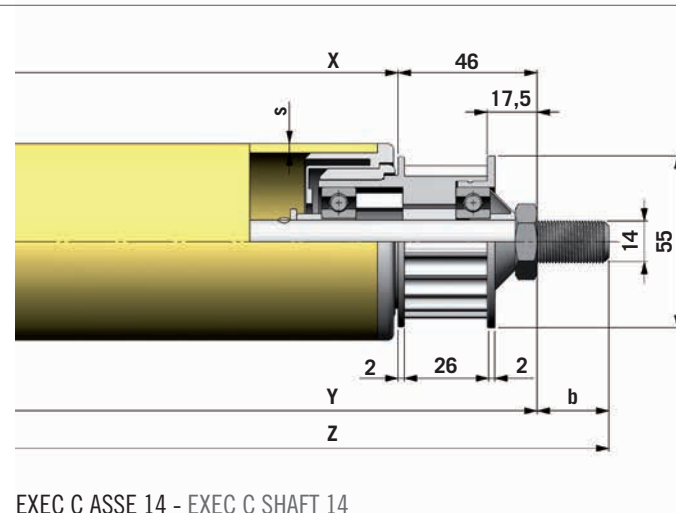
BETA3 ROLLER PVC TUBE 1P-1PF (T8 Z20)



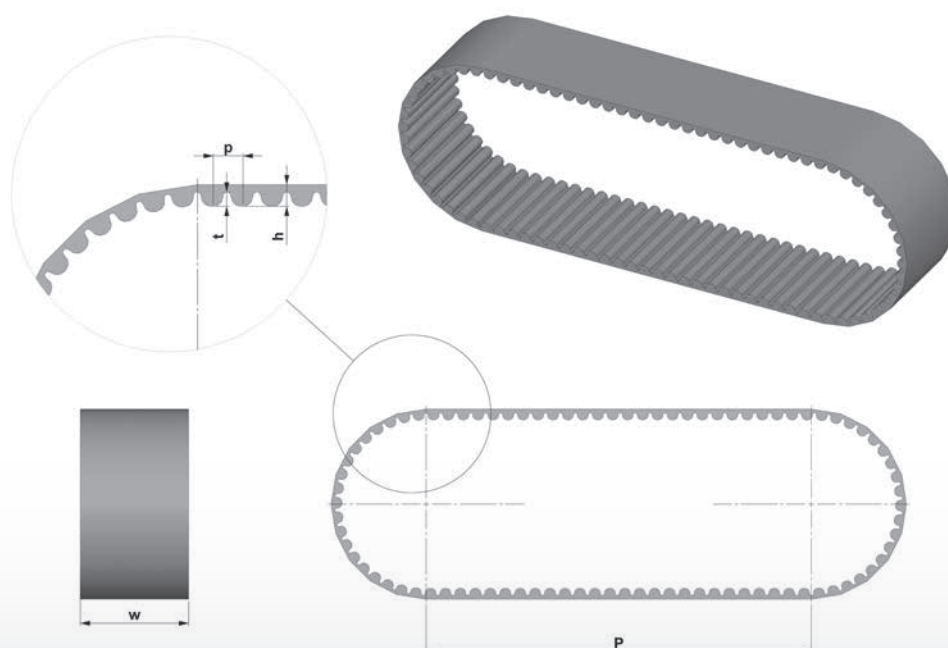
EXEC B2



EXEC C ASSE 12 - EXEC C SHAFT 12



EXEC C ASSE 14 - EXEC C SHAFT 14



Cinghie Dentata Polychain
 Toothed Belt Polychain

RULLO BETA3 TUBO PVC 1P-1PF (T8 Z20)

BETA3 ROLLER PVC TUBE 1P-1PF (T8 Z20)

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS						PESO (KG) WEIGHT (KG)	
		a	b	m	D	d	s	X=200	Al mm - Per mm
50/12	B	5		8x15	50	12	2.8	0.575	0.00149
	C	12	18	12					
63/12	B	5		8x15	63	12	3	0.642	0.00171
	C	12	18	12					
50/14	B	5		10x15	50	14	2.8	0.678	0.00181
	C	13	22	14					
63/14	B	5		10x15	63	14	3	0.746	0.00203
	C	13	22	14					

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized Steel Shafts
Tubo di colore diverso	Different tube colors
Puleggia acciaio	Steel Pulley
Puleggia acciaio inox	Stainless steel Pulley
Cuscinetto acciaio inox	Stainless Steel bearings

CINGHIE DENTATE DISPONIBILI A MAGAZZINO TOOTHED BELTS IN STOCK

CINGHIE DENTATE TIPO POLYCHAIN TOOTHED BELT POLYCHAIN TYPE	Passo P - Pitch P							p	t	h	w
	64	96	128	160	192	224	240				
Lunghezza - Length	288	352	416	480	544	608	640	8	3,2	5,4	12
N° di denti - N. Teeth	36	44	52	60	68	76	80	8	3,2	5,4	12

Vedere disegno allegato "Cinghie Dentata Polychain"
See attached Drawing "Toothed Belt Polychain"

● RULLO BETA3 ● TUBO ACCIAIO ● 1R-1RF

● BETA3 ROLLER
● STEEL TUBE
● 1R-1RF

● PER CATENA
● TANGENZIALE
● COMANDO INTERNO
● FOR TANGENTIAL
● CHAIN INNER DRIVE



RULLO BETA3 TUBO ACCIAIO 1R-1RF

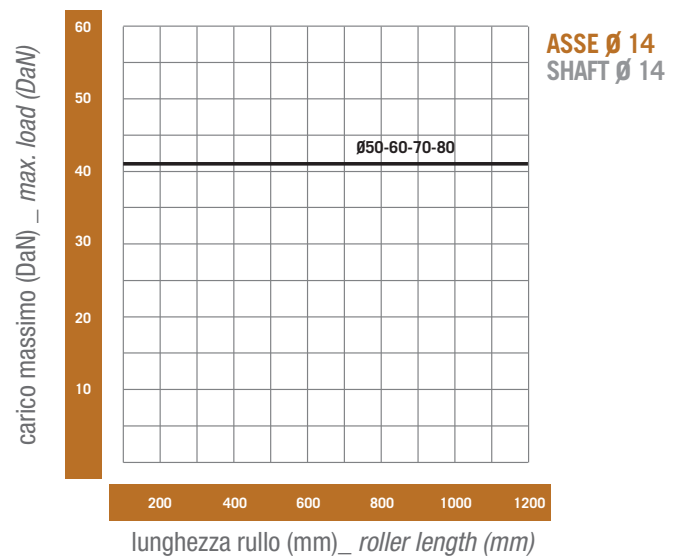
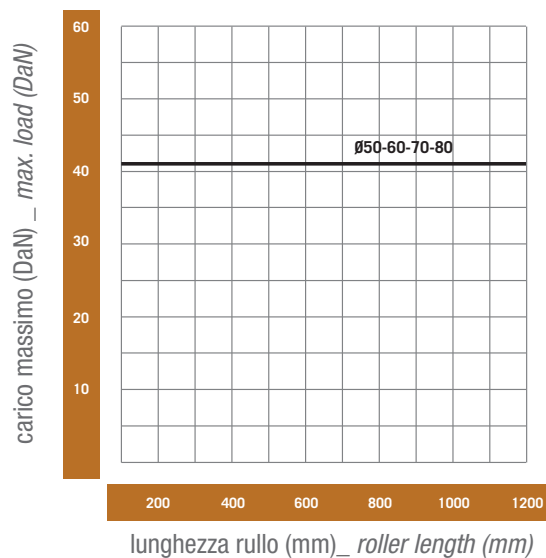
BETA3 ROLLER STEEL TUBE 1R-1RF

I rulli BETA3 CI con tubo in acciaio sono adatti alla realizzazione di rulliere rettilinee motorizzate. Le testate e i pignoni sono in materiale termoplastico: vengono così garantite un'ottima resistenza all'usura ed una notevole silenziosità. Il tubo è in acciaio, per garantire una maggior portata. I cuscinetti montati sono tipo 6202 lubrificati a vita. Disponibili nella versione motorizzata (1R) e frizionata (1RF).

BETA3 CI rollers with steel tube are suitable for straight line power driven roller conveyors. Bushes and pinion sprockets are thermoplastic to guarantee optimal resistance to wear and tear and low noise level. Steel tube guarantees greater load. Pre-lubricated and sealed for life type 6202 bearings are used. Motor (1R) and single frictioned pinion sprocket (1RF) drive versions available.

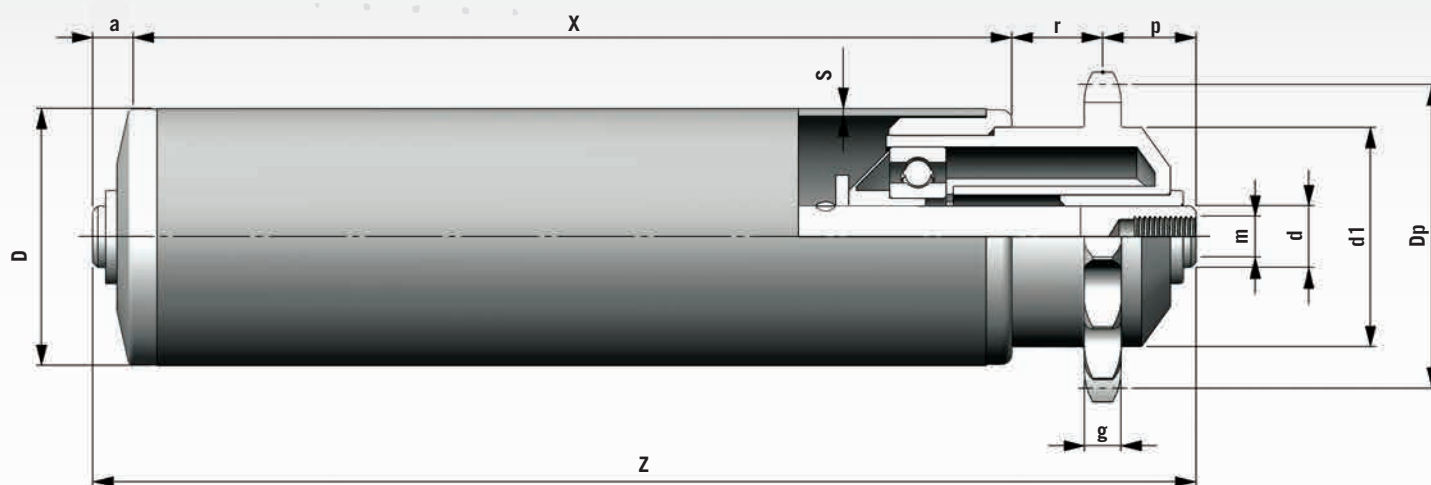
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 60/12 B2 CI 1RF 1/2" Z=14 X=200 Z=238 M8x15 TUBO ACCIAIO ZINCATO

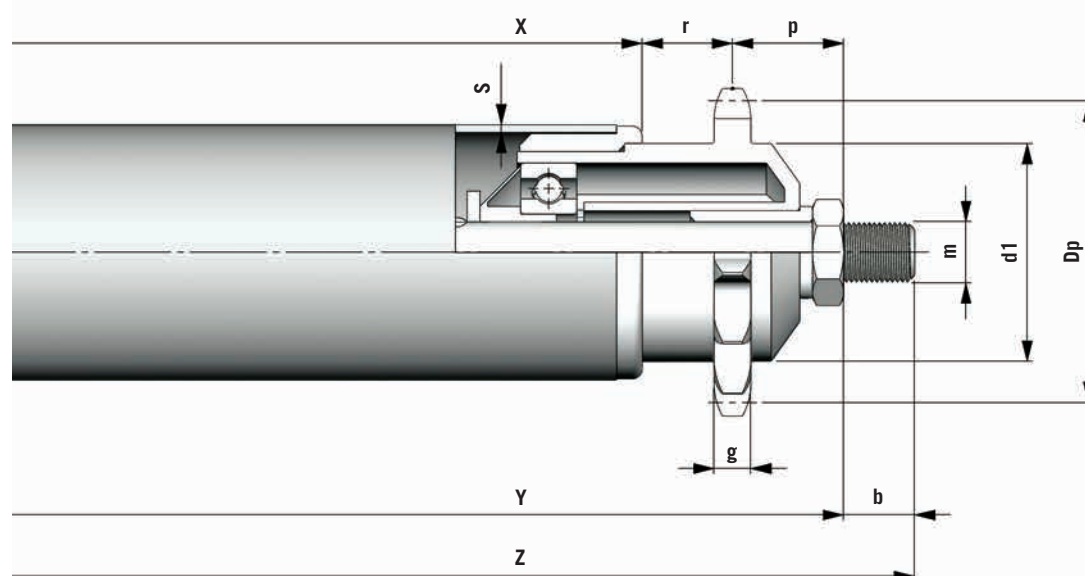


RULLO BETA3 TUBO ACCIAIO 1R-1RF

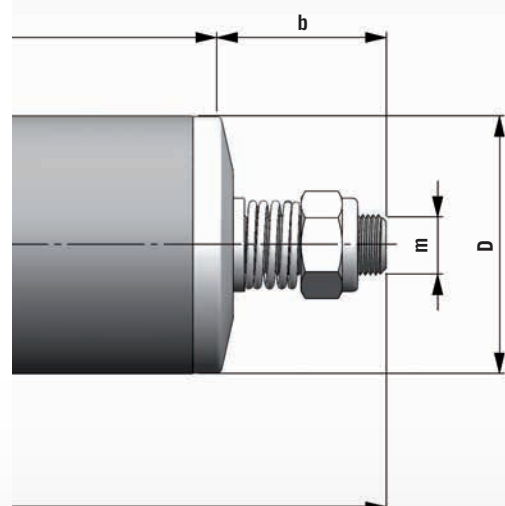
BETA3 ROLLER STEEL TUBE 1R-1RF



EXEC B2



EXEC C



Frizione registrabile
Adjustable frictioned pinion sprocket

RULLO BETA3 TUBO ACCIAIO 1R-1RF

BETA3 ROLLER STEEL TUBE 1R-1RF

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS						PESO (KG) WEIGHT (KG)	
		a	b	m	D	d	s	X=200	Al mm - Per mm
40/12	B	5		8x15	40	12	1.5	0.661	0.00231
	C	12	18	12					
50/12	B	5		8x15	50	12	1.5	0.741	0.00268
	C	12	18	12					
60/12	B	5		8x15	60	12	1.5	0.863	0.00305
	C	12	18	12					
70/12	B	5		8x15	70	12	2	0.953	0.00342
	C	12	18	12					
80/12	B	5		8x15	80	12	2	1.249	0.00473
	C	12	18	12					
50/14	B	5		10x15	50	14	1.5	0.833	0.00300
	C	13	22	14					
60/14	B	5		10x15	60	14	1.5	0.955	0.00337
	C	13	22	14					
70/14	B	5		10x15	70	14	2	1.045	0.00374
	C	13	22	14					
80/14	B	5		10x15	80	14	2	1.341	0.00505
	C	13	22	14					

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

D	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS			
					p	r	g	d1
PER TUTTI I DIAMETRI FOR ALL DIAMETERS	1/2" x 5/16"	9	37.13	B	16	15	7	22
				C m12	23			
				C m14	24			
		11	45.07	B	12	15	7	30
				C m12	19			
				C m14	20			
		14	57.07	B	15.5	17.5	7	43
				C m12	22.5			
				C m14	23.5			

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized steel Shafts
Tubo acciaio inox	Stainless Steel Tube
Tubo acciaio zincato	Galvanized Steel Tube
Tubo acciaio rilsanizzato	Rilsan coating steel Tube
Tubo alluminio	Aluminum Tube
Rivestimento con guaina PVC	PVC sheath coating
Rivestimento con gomma	Rubber coating
Rivestimento con poliuretano	Polyurethane coating
Pignone acciaio	Steel pinion sproket
Pignone acciaio inox	Stainless steel pinion sproket
Cuscinetto acciaio inox	Stainless steel bearings
Passo e numero denti pignone diversi	Pinion sprockets with different pitch and n° of teeth
Frizione registrabile	Adjustable frictioned pinion sprocket

● RULLO BETA3 ● TUBO ACCIAIO ● 2R-2RF

● BETA3 ROLLER
● STEEL TUBE
● 2R-2RF

● PER ANELLI
● DI CATENA
● COMANDO INTERNO
● FOR CHAIN LINK
● INNER DRIVE



RULLO BETA3 TUBO ACCIAIO 2R-2RF

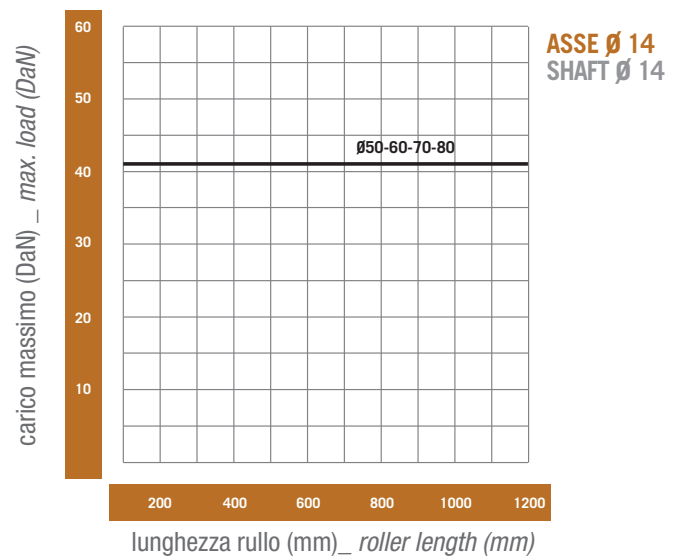
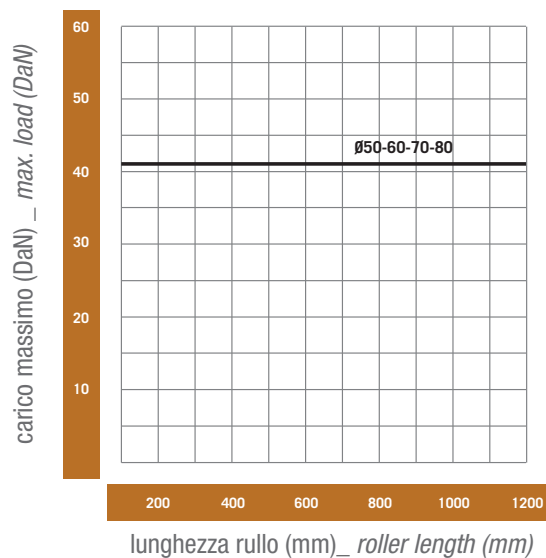
BETA3 ROLLER STEEL TUBE 2R-2RF

I rulli BETA3 CI con tubo in acciaio sono adatti alla realizzazione di rulliere rettilinee motorizzate. Le testate e i pignoni sono in materiale termoplastico: vengono così garantite un'ottima resistenza all'usura ed una notevole silenziosità. Il tubo è in acciaio, per garantire una maggior portata. I cuscinetti montati sono tipo 6202 lubrificati a vita. Disponibili nella versione motorizzata (2R) e frizionata (2RF).

BETA3 CI rollers with steel tube are suitable for straight line power driven roller conveyors. Bushes and pinion sprockets are thermoplastic to guarantee optimal resistance to wear and tear and low noise level. Steel tube guarantees greater load. Pre-lubricated and sealed for life type 6202 bearings are used. Motor (2R) and double frictioned pinion sprocket (2RF) drive versions available.

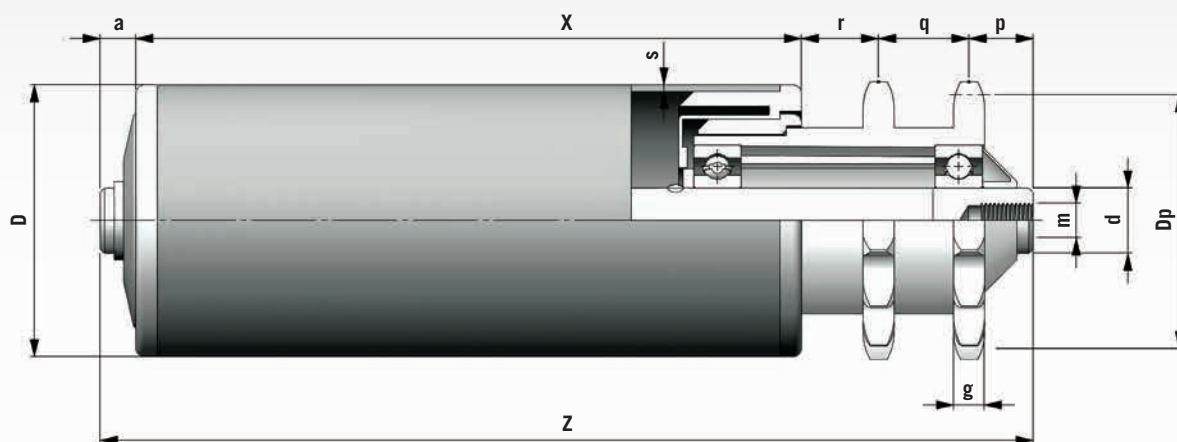
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 80/14 B2 CI 2R 1/2" Z=14 X=200 Z=256 M10x20 TUBO ACCIAIO ZINCATO

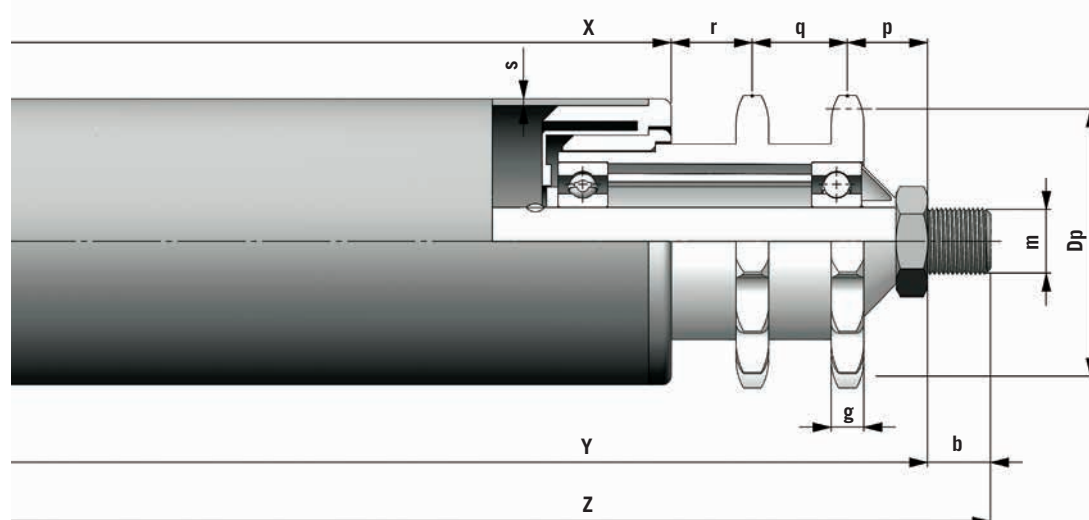


RULLO BETA3 TUBO ACCIAIO 2R-2RF

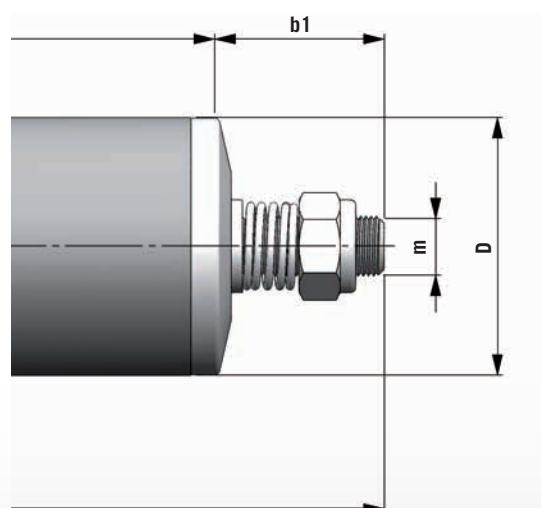
BETA3 ROLLER STEEL TUBE 2R-2RF



EXEC B2



EXEC C



Frizione registrabile
Adjustable frictioned pinion sprocket

RULLO BETA3 TUBO ACCIAIO 2R-2RF

BETA3 ROLLER STEEL TUBE 2R-2RF

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS							PESO (KG) WEIGHT (KG)	
		a	b	b1	m	D	d	s	X=200	Al mm - Per mm
40/12	B	5.5			8x15	40	12	1.5	0.740	0.00231
	C	12.5	18	30	12					
50/12	B	5.5			8x15	50	12	1.5	0.850	0.00268
	C	12.5	18	30	12					
60/12	B	5.5			8x15	60	12	1.5	0.971	0.00305
	C	12.5	18	30	12					
70/12	B	5.5			8x15	70	12	2	1.061	0.00342
	C	12.5	18	30	12					
80/12	B	5.5			8x15	80	12	2	1.358	0.00473
	C	12.5	18	30	12					
50/14	B	5.5			10x15	50	14	1.5	0.959	0.00300
	C	13.5	22	30	14					
60/14	B	5.5			10x15	60	14	1.5	1.081	0.00337
	C	13.5	22	30	14					
70/14	B	5.5			10x15	70	14	2	1.171	0.00374
	C	13.5	22	30	14					
80/14	B	5.5			10x15	80	14	2	1.467	0.00505
	C	13.5	22	30	14					

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

D	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS				
					p	q	r	g	d1
PER TUTTI I DIAMETRI FOR ALL DIAMETERS	1/2" x 5/16"	14	57.07	B	11	21	18.5	7	43
				C m12	19				
				C m14	19				

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized steel Shafts
Tubo acciaio inox	Stainless Steel Tube
Tubo acciaio zincato	Galvanized Steel Tube
Tubo acciaio rilsanizzato	Rilsan coating steel Tube
Tubo alluminio	Aluminum Tube
Rivestimento guaina PVC	PVC sheath coating
Rivestimento gomma	Rubber coating
Rivestimento poliuretano	Polyurethane coating
Pignone acciaio	Steel pinion sproket
Pignone acciaio inox	Stainless steel pinion sproket
Cuscinetto acciaio inox	Stainless steel bearings
Frizione registrabile	Adjustable frictioned pinion sprocket

● RULLO BETA3 ● TUBO ACCIAIO ● IP-IPF (T8 Z20)

● BETA3 ROLLER
● STEEL TUBE IP-IPF (T8-Z20)

● PER ANELLI
● DI CINGHIA
● COMANDO INTERNO
● FOR CHAIN LINK
● INNER DRIVE



RULLO BETA3 TUBO ACCIAIO 1P-1PF (T8 Z20)

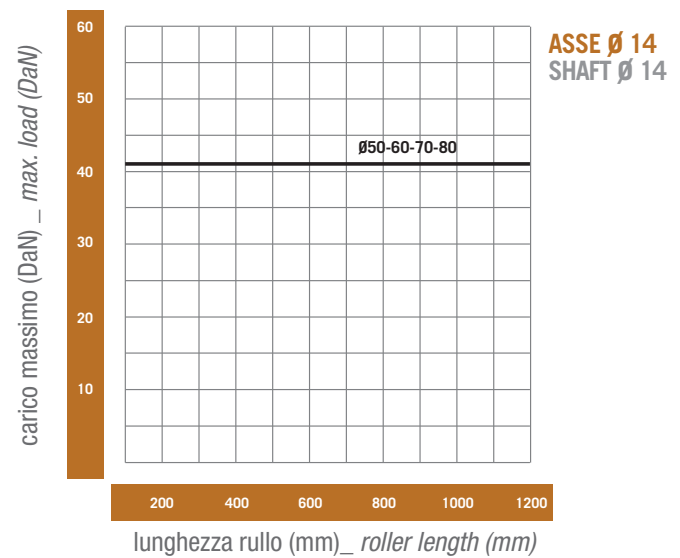
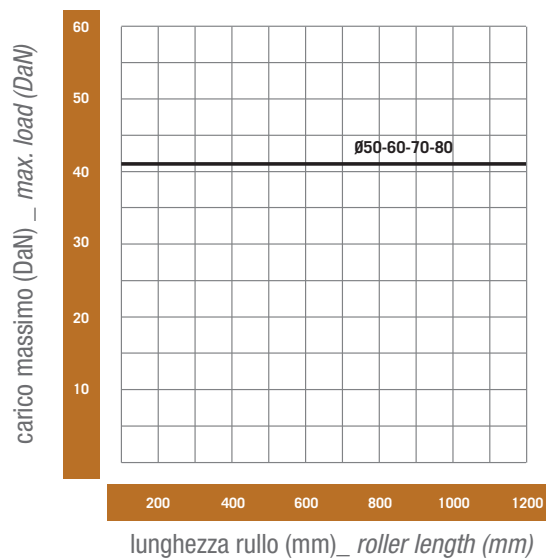
BETA3 ROLLER STEEL TUBE 1P-1PF (T8-Z20)

I rulli BETA3 CI con tubo in acciaio sono adatti alla realizzazione di rulliere rettilinee. Le testate e le pulegge sono in materiale termoplastico: sono adatti ad applicazioni con elevate velocità ed inoltre garantiscono una notevole silenziosità. Il tubo è in acciaio, per garantire una maggior portata. I cuscinetti montati sono tipo 6202 lubrificati a vita. Disponibili nella versione motorizzata (1P) e frizionata (1PF).

BETA3 CI rollers with steel tube are suitable for straight line roller conveyors. Bushes and pulley are thermoplastic to guarantee optimal resistance to wear and tear and low noise level. Steel tube guarantees greater load. Pre-lubricated and for life type 6202 bearings are used. Motor (1P) and single frictioned pulley (1PF) drive versions available.

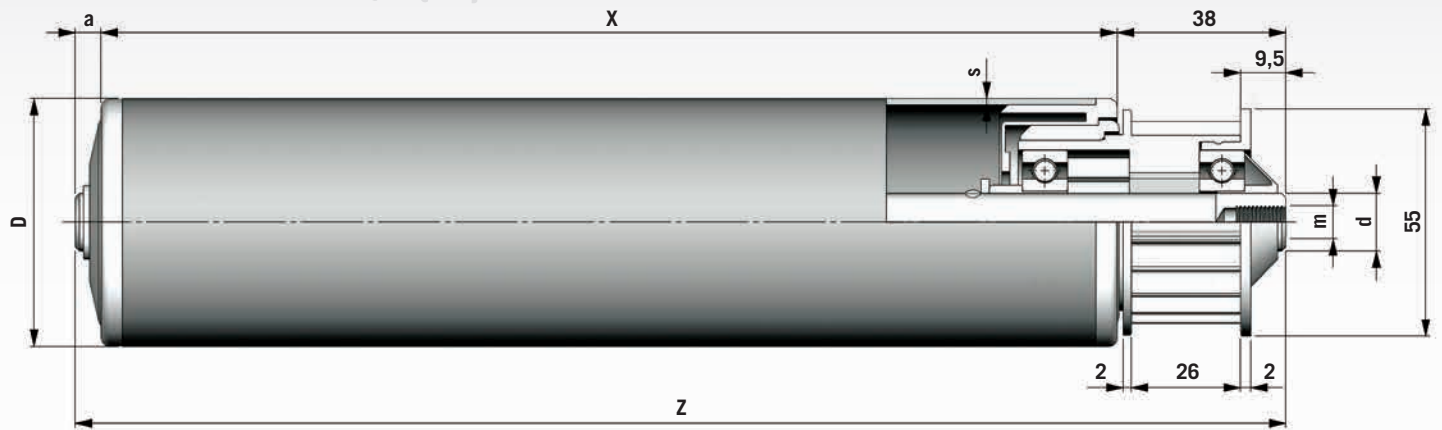
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 70/14 B2 CI 1P T8 Z=20 X=200 Z=243 M10x20 TUBO ACCIAIO ZINCATO

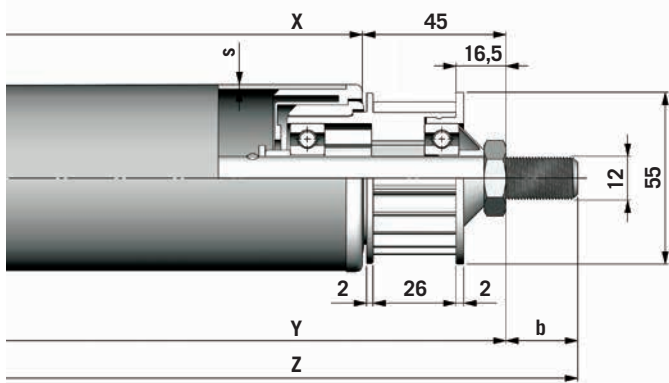


RULLO BETA3 TUBO ACCIAIO 1P-1PF (T8 Z20)

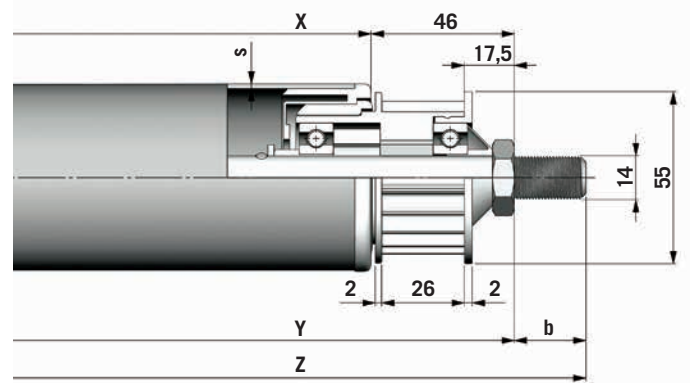
BETA3 ROLLER STEEL TUBE 1P-1PF (T8-Z20)



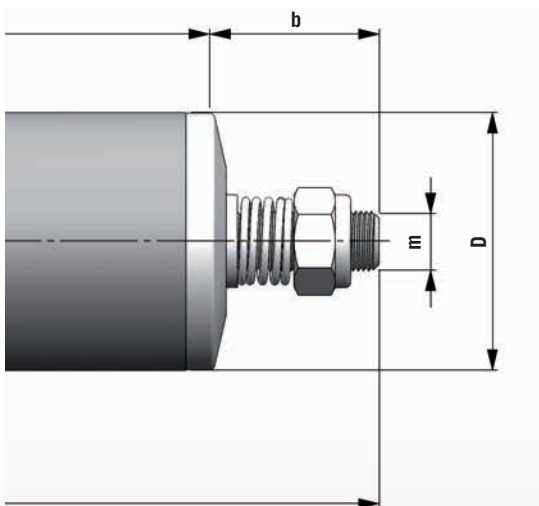
EXEC B2 ASSE 14 - EXEC B2 SHAFT 14



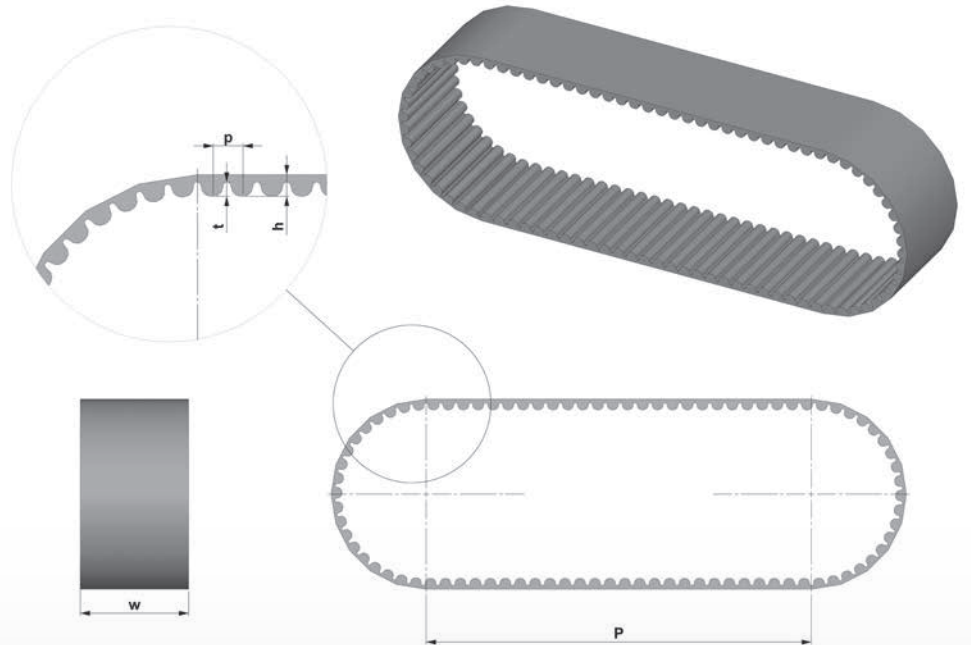
EXEC C ASSE 12 - EXEC C SHAFT 12



EXEC C ASSE 14 - EXEC C SHAFT 14



Frizione registrabile
Adjustable frictioned pulley



Cinghie Dentata Polychain
Toothed Belt Polychain

RULLO BETA3 TUBO ACCIAIO 1P-1PF (T8 Z20)

BETA3 ROLLER STEEL TUBE 1P-1PF (T8-Z20)

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS						PESO (KG) WEIGHT (KG)	
		a	b	m	D	d	s	X=200	Al mm - Per mm
50/12	B	5		8x15	50	12	1.5	0.813	0.00268
	C	12	18	12					
60/12	B	5		8x15	60	12	1.5	0.935	0.00305
	C	12	18	12					
70/12	B	5		8x15	70	12	2	1.025	0.00342
	C	12	18	12					
80/12	B	5		8x15	80	12	2	1.321	0.00473
	C	12	18	12					
50/14	B	5		10x15	50	14	1.5	0.917	0.00300
	C	13	22	14					
60/14	B	5		10x15	60	14	1.5	1.039	0.00337
	C	13	22	14					
70/14	B	5		10x15	70	14	2	1.129	0.00374
	C	13	22	14					
80/14	B	5		10x15	80	14	2	1.425	0.00505
	C	13	22	14					

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized steel Shafts
Asse acciaio esagonale	Hexagonal steel Shafts
Tubo acciaio inox	Stainless Steel Tube
Tubo acciaio zincato	Galvanized Steel Tube
Tubo acciaio rilsanizzato	Rilsan coating steel Tube
Tubo alluminio	Aluminum Tube
Puleggia acciaio	Steel pulley
Puleggia acciaio inox	Stainless steel pulley
Cuscinetto acciaio inox	Stainless steel bearing
Frizione registrabile	Adjustable frictioned pulley

CINGHIE DENTATE DISPONIBILI A MAGAZZINO SPURRED CHAINS IN STOCK

CINGHIE DENTATE TIPO POLYCHAIN TOOTHED BELT POLYCHAIN TYPE	Passo P - Pitch P							p	t	h	w
	64	96	128	160	192	224	240				
Lunghezza - Length	288	352	416	480	544	608	640	8	3,2	5,4	12
N° di denti - N. Teeth	36	44	52	60	68	76	80	8	3,2	5,4	12

Vedere disegno allegato "Cinghie Dentata Polychain"
See attached Drawing "Toothed belt Polychain"

● RULLO BETA 3 ● TUBO ACCIAIO ● IPV (POLY-V)

● BETA3 ROLLER
● STEEL TUBE IPV (POLY-V)

● PER ANELLI
● DI CINGHIA POLY-V
● FOR POLY-V
● BELT LINK



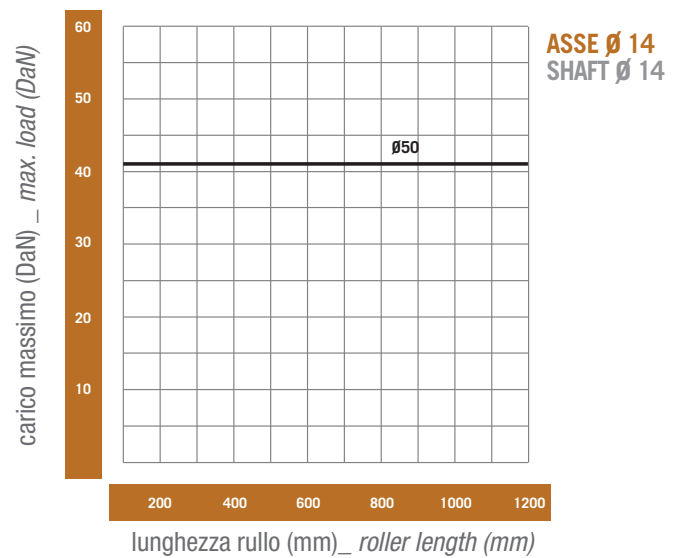
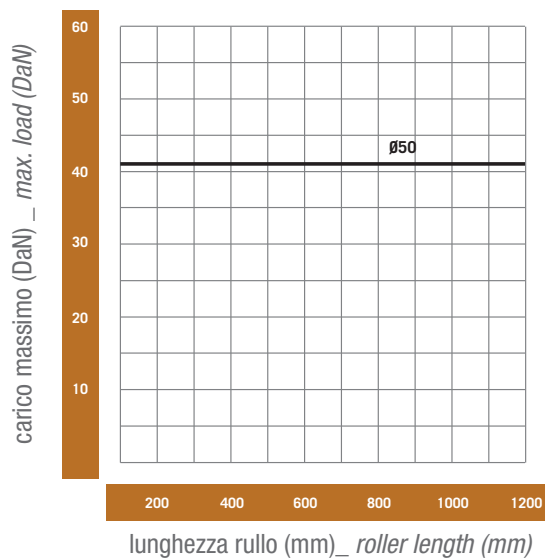
RULLO BETA 3 TUBO ACCIAIO 1PV (POLY-V) BETA3 ROLLER STEEL TUBE 1PV (POLY-V)

I rulli BETA3 CI con tubo in acciaio sono adatti alla realizzazione di rulliere rettilinee. Le puleghe sono in materiale termoplastico: sono adatti per applicazioni con elevate velocità ed inoltre garantiscono una notevole silenziosità e fluidità di moto. Le cinghie di trasmissione sono elastiche e semplici da montare, con elevata coppia di trasmissione e consentono maggiori rendimenti meccanici e minori consumi elettrici. La particolare forma delle nervature dei denti, salvaguarda la cinghia e gli altri elementi della trasmissione da eventuali danni.

The BETA3 CI rollers steel tube are suitable for straight line power driven roller conveyors. The pulleys are thermoplastic for high speed with low noise levels and smooth motion. The driving belts are elastic and easy to install, with higher torque, higher mechanical efficiency and lower electric consumption. The specific design of the pulley ribs, safeguards the belt and the other driving components against possible damages.

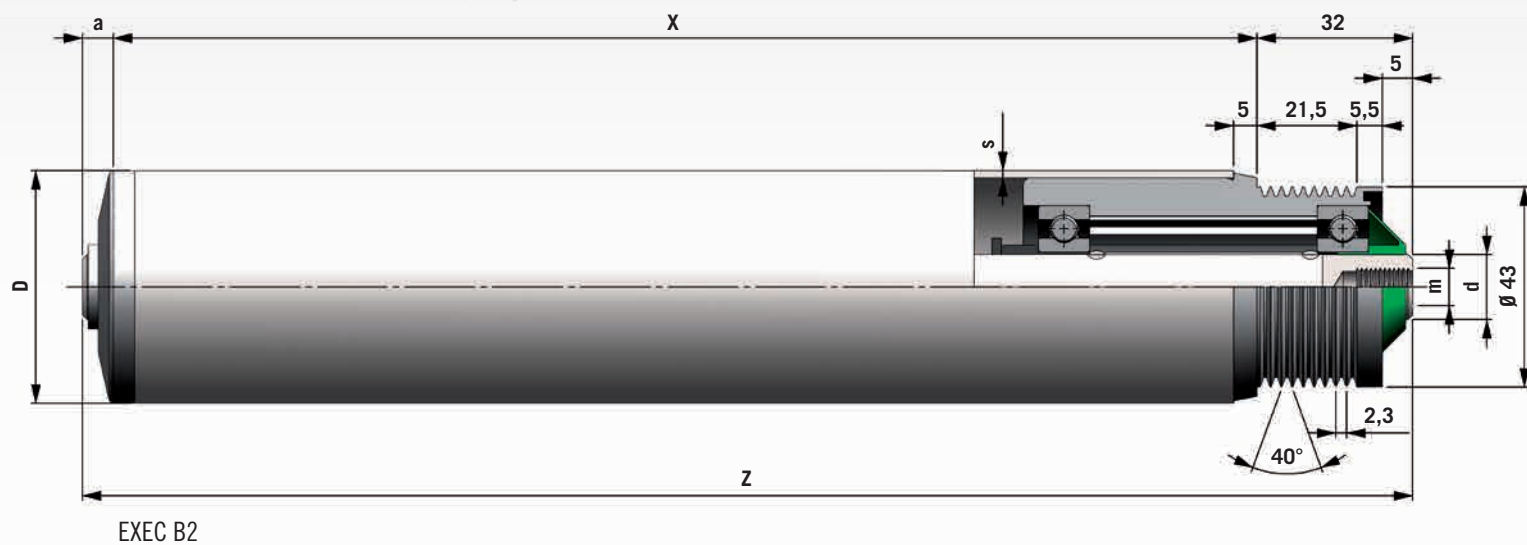
Esempio di designazione rullo - Example of roller designation code

Rullo BETA3 50/15 B2 CI 1PV POLY-V X=200 Z=255 M10x15 TUBO ACCIAIO ZINCATO



RULLO BETA 3 TUBO ACCIAIO 1PV (POLY-V)

BETA3 ROLLER STEEL TUBE 1PV (POLY-V)



RULLO BETA 3 TUBO ACCIAIO IPV (POLY-V) BETA3 ROLLER STEEL TUBE IPV (POLY-V)

TIPO TYPE	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS						PESO (KG) WEIGHT (KG)	
		a	b	m	D	d	s	X=200	Al mm - Per mm
50/12 ACCIAIO	B	5		8x15	50	12	1.5	0,833	0,00268
	C	12	18	M12					
50/12 PVC	B	5		8x15	50	12	1.5	0,595	0,00149
	C	12	18	M12					
50/14 ACCIAIO	B	5		8x15	50	14	1.5	0,912	0,00291
	C	12	22	M12					
50/14 PVC	B	5		8x15	50	14	1.5	0,674	0,00166
	C	12	22	M12					

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shafts
Asse acciaio zincato	Galvanized steel Shafts
Tubo in PVC	PVC tube
Tubo acciaio inox	Stainless steel tube
Tubo acciaio rilsanizzato	Rilsan coating steel Tube
Tubo alluminio	Aluminum Tube
Cuscinetto acciaio inox	Stainless steel bearing

CINGHIE DENTATE DISPONIBILI A MAGAZZINO SPURRED CHAINS IN STOCK

CINGHIE POLY-V POLY-V BELTS	Passo P (tolleranza -1 / +3 mm) - Pitch P (tolerance -1 / +3 mm)								
	60	73	75	94	100	105	120	133	160
Lunghezza - Length	256	282	286	316	336	346	376	416	456

Cinghie Poly-V disponibili con 2 o 3 nervature in funzione del peso trasportato
Poly-V belts available with 2 or 3 ribs, depending on carried load

● RULLO ● SIGMA 1R-1RD

● SIGMA ● ROLLER 1R-1RD

● PER CATENA TANGENZIALE
● COMANDO INTERNO
● FOR TANGENTIAL CHAIN
● INNER DRIVE



RULLO SIGMA 1R-1RD

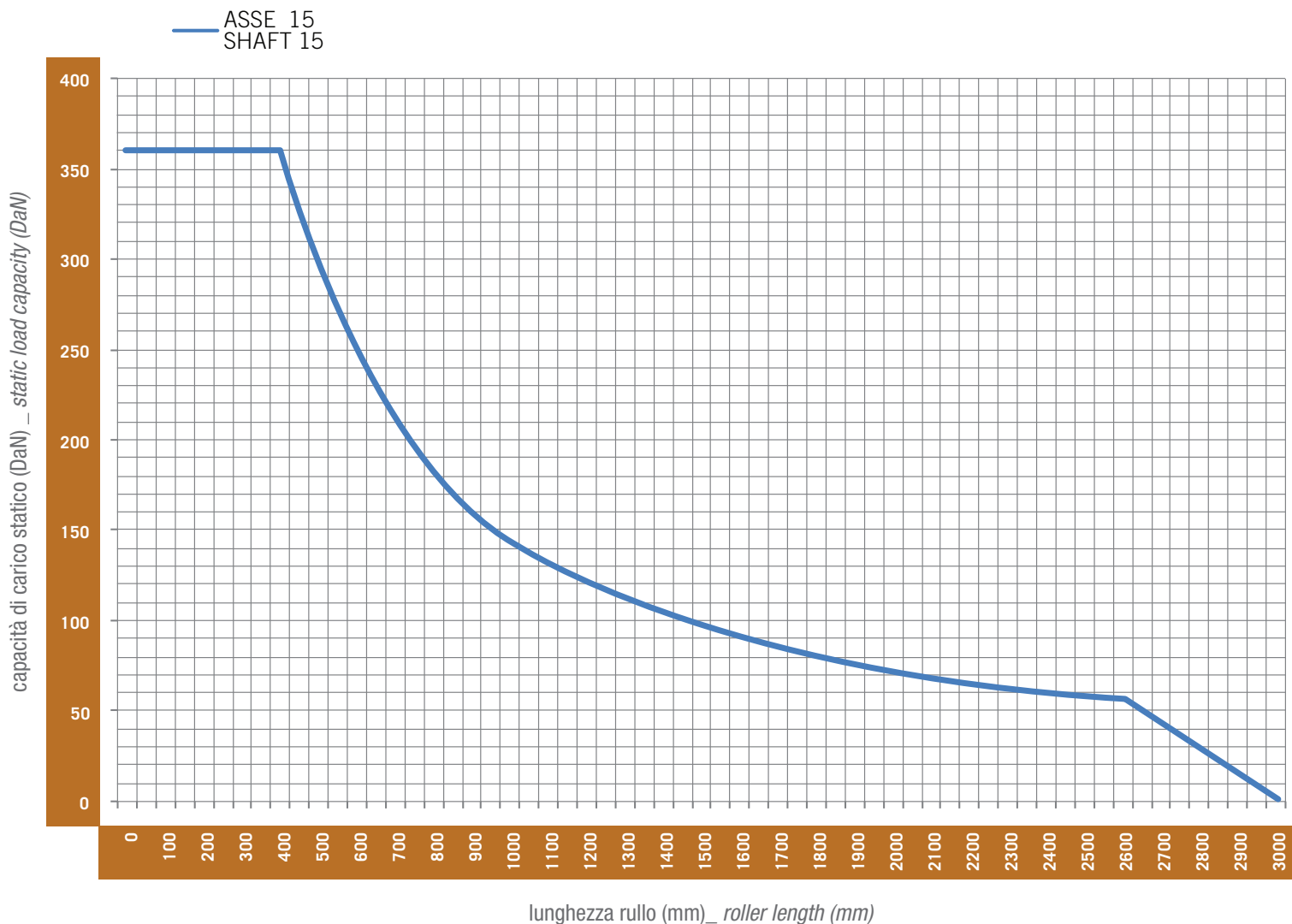
SIGMA ROLLER 1R-1RD

I rulli SIGMA CI sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6202 sono lubrificati a vita.

SIGMA CI rollers are suitable for conveying medium and heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. Integral bearing protection is provided by triple labyrinth, anti-abrasive rubber lip ring, and additional screen guard. Type 6202 bearings are pre-lubricated and sealed for life.

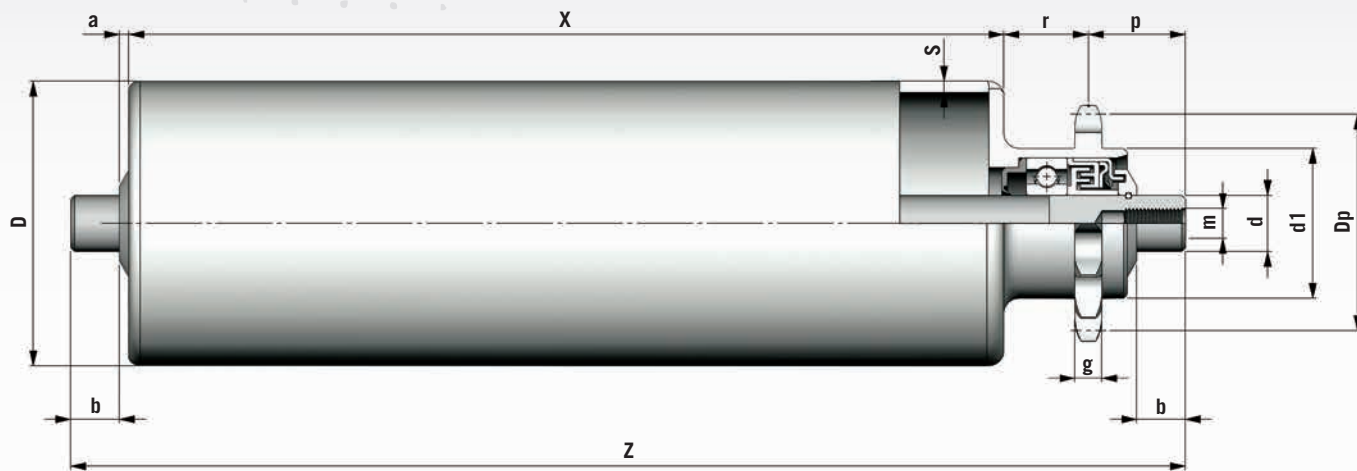
Esempio di designazione rullo - Example of roller designation code

Rullo SIGMA 89/15 B2 CI 1R 1/2" Z=14 X=260 Z=265 ZINCATO

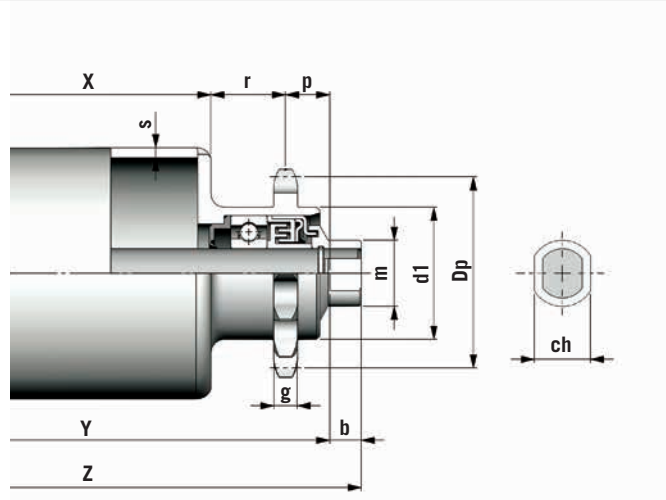


RULLO SIGMA 1R-1RD

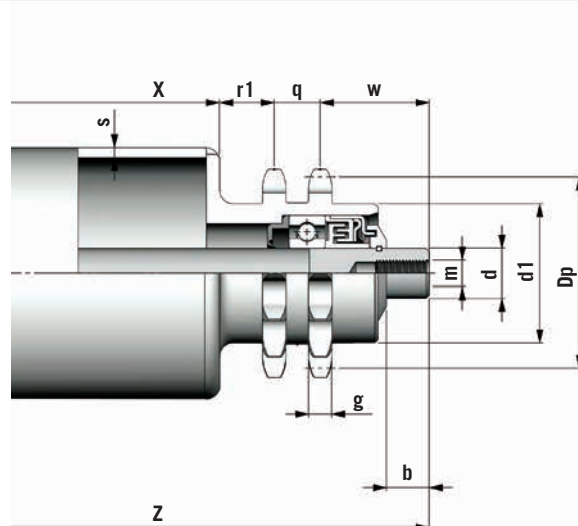
SIGMA ROLLER 1R-1RD



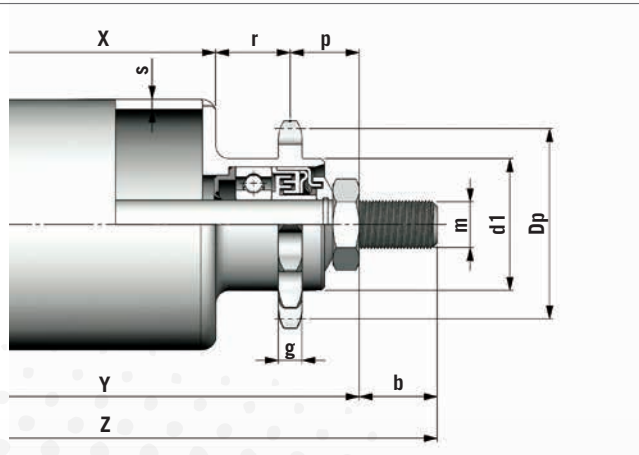
EXEC B2



EXEC A



EXEC B2



EXEC C

RULLO SIGMA 1R-1RD

SIGMA ROLLER 1R-1RD

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS															PESO (KG) WEIGHT (KG)	
					a	b	m	ch	w	p	q	r	r1	g	D	d	d1	s	X=200	Al mm-Per mm	
60/15	1/2" x 5/16"	14	57.07	A	4	9		17	21.5	14.5	14	22.5	16.5	7	60	15	42	3	1.778	0.00560	
				B2	4	12	10x15		33.5	26.5											
				C	12	25	14		29.5	22.5											
76/15	1/2" x 5/16"	14	57.07	A	4	9		17	21.5	14.5	14	22.5	16.5	7	76	15	42	3	2.095	0.00679	
				B2	4	12	10x15		33.5	26.5											
				C	12	25	14		29.5	22.5											
89/15	1/2" x 5/16"	17	69.11	A	4	9		17	21.5	14.5	14	22.5	16.5	7	89	15	54	3	2.586	0.00775	
				B2	4	12	10x15		33.5	26.5											
				C	12	25	14		29.5	22.5											
102/15	5/8" x 3/8"	15	76.36	A	4	9		17	16.5	16.5	16.5	20.5	20.5	8.8	102	15	43	3	2.892	0.00871	
				B2	4	12	10x15		28.5	28.5											
				C	12	25	14		24.5	24.5											
108/15	5/8" x 3/8"	15	76.36	A	4	9		17	16.5	16.5	16.5	20.5	20.5	8.8	108	15	43	3.5	3.246	0.01040	
				B2	4	12	10x15		28.5	28.5											
				C	12	25	14		24.5	24.5											

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
3/8" x 7/32"	17	51.83
1/2" x 5/16"	13	53.06
5/8" x 3/8"	12	61.34
3/4" x 7/16"	10	61.64

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Posizione corone diverse	Other gear positions
Tubo acciaio inox	Stainless steel tube
Asse acciaio inox	Stainless steel shafts
Zincatura a freddo	Cold galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento con gomma vulcanizzata	Vulcanized Rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC Sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)
Esecuzione con ruota libera	Free wheel configuration

● RULLO ● SIGMA 2R

● SIGMA ● ROLLER 2R

● PER ANELLI DI CATENA
● COMANDO INTERNO
● FOR CHAIN LINK
● INNER DRIVE



RULLO SIGMA 2R

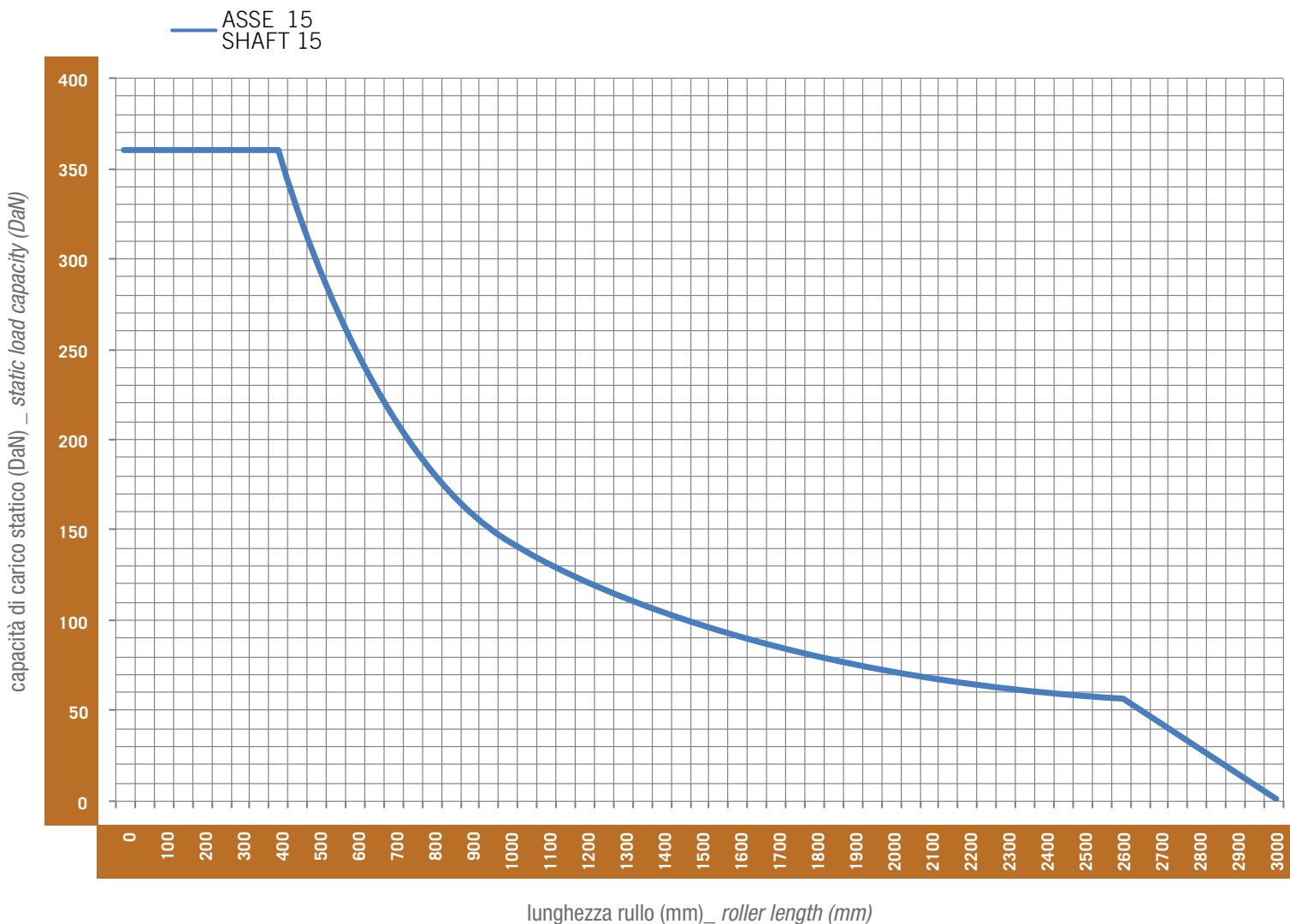
SIGMA ROLLER 2R

I rulli sigma CI sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6202 sono lubrificati a vita.

SIGMA CI rollers are suitable for conveying medium and heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. Integral bearing protection is provided by a triple labyrinth, anti-abrasive rubber lip ring and additional screen guard. Type 6202 bearings are pre-lubricated and sealed for life.

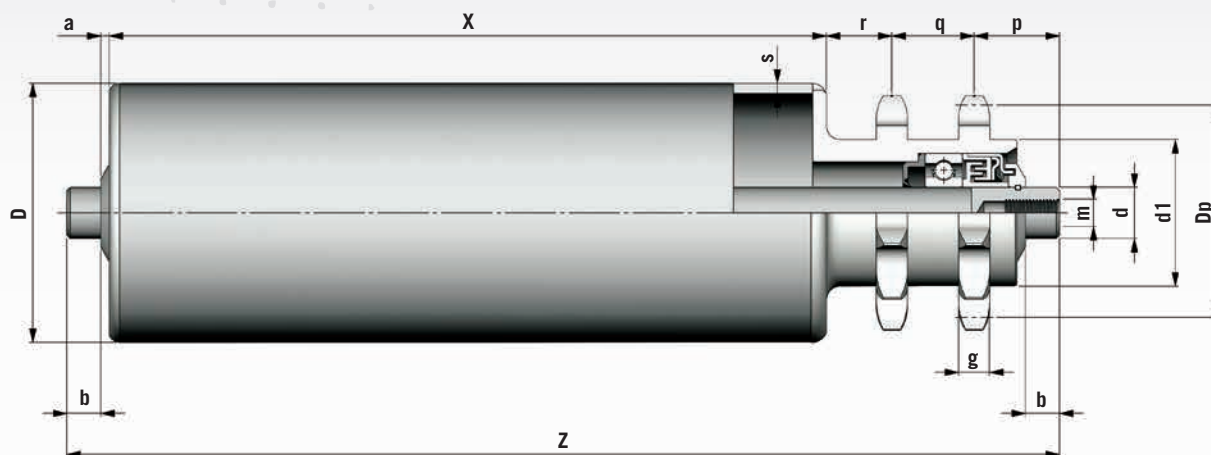
Esempio di designazione rullo - Example of roller designation code

Rullo SIGMA 89/15 B2 CI 2R 1/2" Z=17 X=200 Z=280 ZINCATO

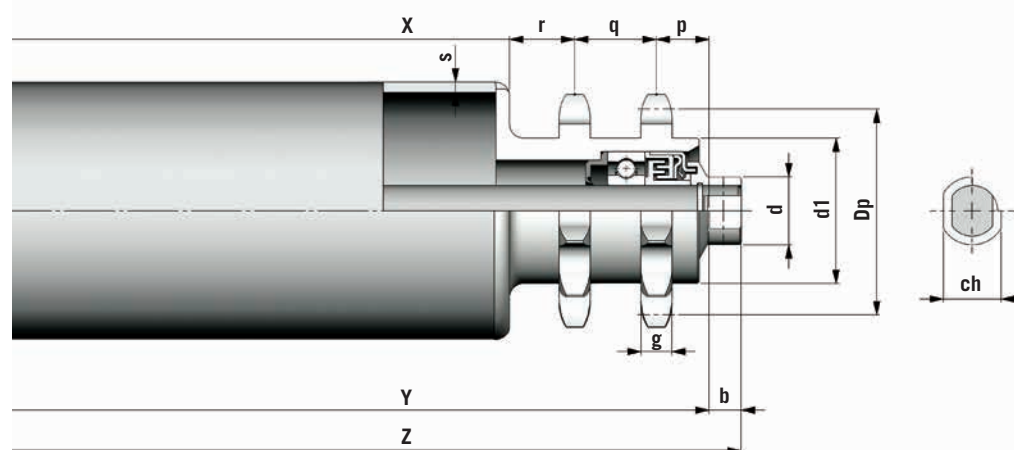


RULLO SIGMA 2R

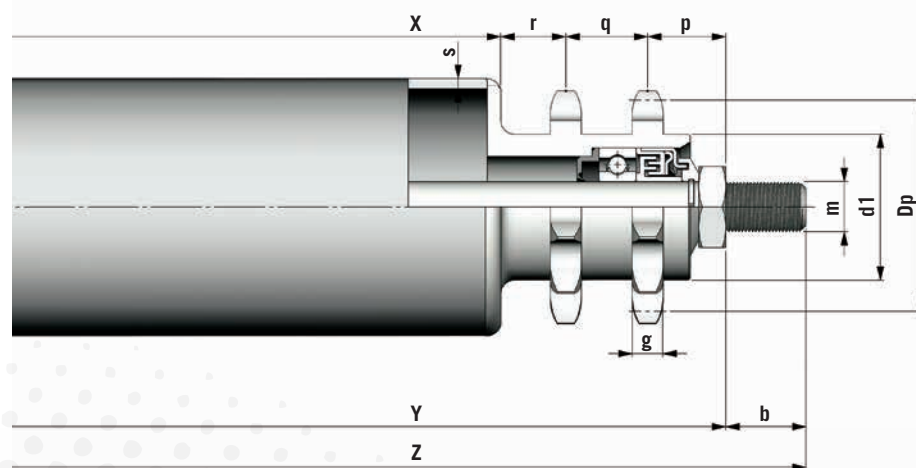
SIGMA ROLLER 2R



EXEC B2



EXEC A



EXEC C

RULLO SIGMA 2R

SIGMA ROLLER 2R

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS												PESO (KG) WEIGHT (KG)	
					a	b	m	ch	p	q	r	g	D	d	d1	s	X=200	Al mm - Per mm
60/15	1/2" x 5/16"	14	57.07	A	4	9		17	14.5	21	16.5	7	60	15	42	3	1.867	0.00560
				B2	4	12	10x15	26.5										
				C	12	25	14	22.5										
76/15	1/2" x 5/16"	14	57.07	A	4	9		17	14.5	21	16.5	7	76	15	42	3	2.180	0.00679
				B2	4	12	10x15	26.5										
				C	12	25	14	22.5										
89/15	1/2" x 5/16"	17	69.11	A	4	9		17	14.5	21	16.5	7	89	15	54	3	2.635	0.00775
				B2	4	12	10x15	26.5										
				C	12	25	14	22.5										
102/15	5/8" x 3/8"	12	61.34	A	4	9		17	16.5	24	19.5	8.8	102	15	43	3	2.897	0.00871
				B2	4	12	10x15	28.5										
				C	12	25	14	24.5										
108/15	5/8" x 3/8"	12	61.34	A	4	9		17	16.5	24	19.5	8.8	108	15	43	3.5	3.251	0.01040
				B2	4	12	10x15	28.5										
				C	12	25	14	24.5										

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
3/8" x 7/32"	17	51.83
1/2" x 5/16"	13	53.06
5/8" x 3/8"	12	61.34
3/4" x 7/16"	10	61.64

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Posizione corone diverse	Other gear positions
Tubo acciaio inox	Stainless steel tube
Asse acciaio inox	Stainless steel shafts
Zincatura a freddo	Cold galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento in gomma vulcanizzata	Vulcanized Rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC Sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)
Esecuzione con ruota libera	Free wheel configuration

• RULLO SIGMA • (FRIZIONE • SINGOLA)

• SIGMA ROLLER
• (SINGLE
• FRICTION)

• COMANDO INTERNO
• INNER DRIVE



RULLO SIGMA (FRIZIONE SINGOLA)

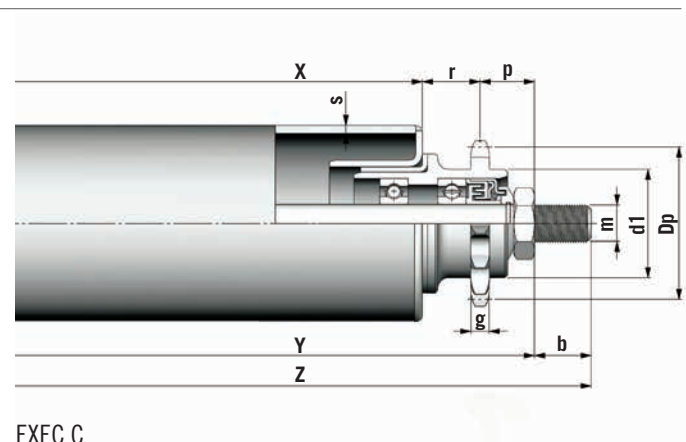
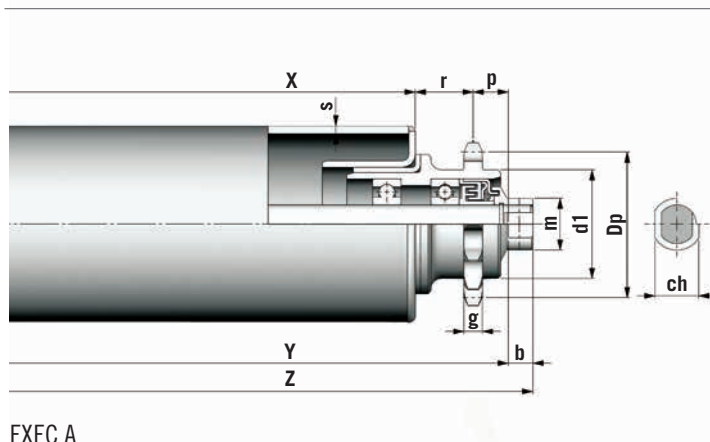
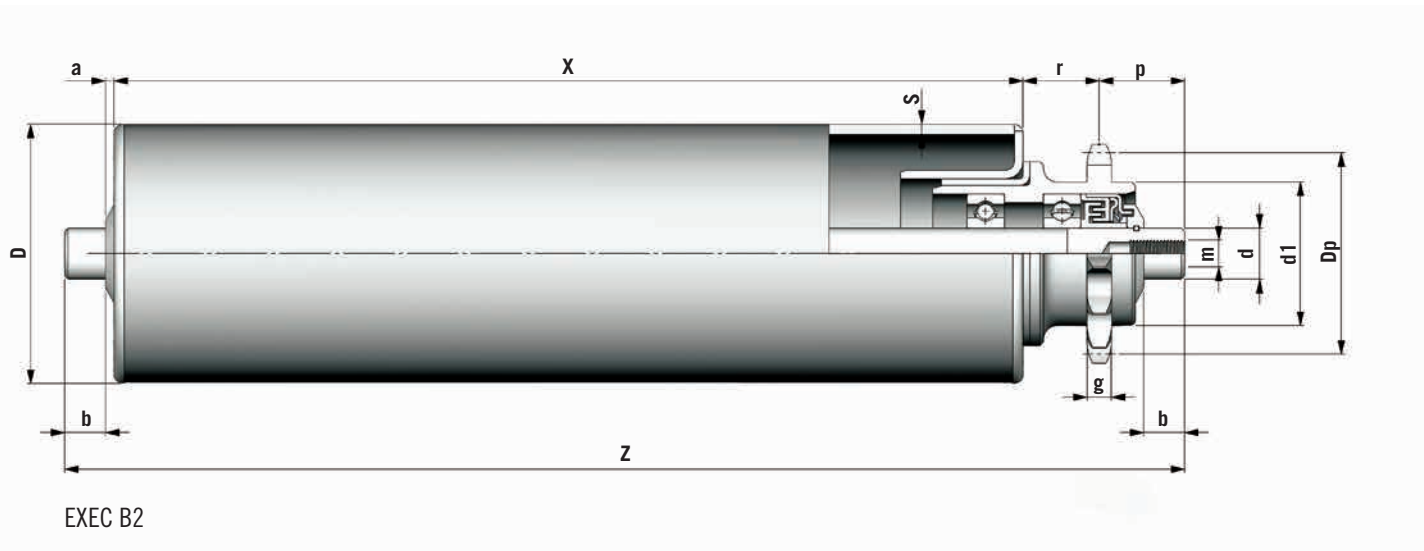
SIGMA ROLLER (SINGLE FRICTION)

Nei rulli SIGMA con frizione singola il pignone viene montato direttamente su una boccola a strisciamento. Il peso del carico sul rullo farà aumentare l'attrito fra il pignone e la boccola, creando una coppia sufficiente a trainare i colli in condizioni normali. I rulli SIGMA con frizione singola sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6202 sono lubrificati a vita.

SIGMA CI rollers with single frictioned pinion sprocket are mounted directly on crawl bushing. Roller weight load will increase friction between sprocket and bushing. This will create, in normal conditions, sufficient coupling to pull the packages. Single frictioned pinion sprocket SIGMA rollers are suitable for medium and heavy duty conveying, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. Integral bearing protection is given by triple labyrinth, anti-abrasive rubber lip ring, and additional screen guard. Type 6202 bearings are pre-lubricated and sealed for life.

Esempio di designazione rullo - Example of roller designation code

Rullo SIGMA 60/15 B2 CI 1RF 1/2" Z=14 X=200 Z=243 ZINCATO



Per dimensioni e motorizzazioni vedi rullo Sigma
For dimensions and power drive see Sigma roller

● RULLO SIGMA ● (FRIZIONE ● DOPPIA)

● SIGMA ROLLER
● (DUAL
● FRICTION)

● COMANDO INTERNO
● INNER DRIVE



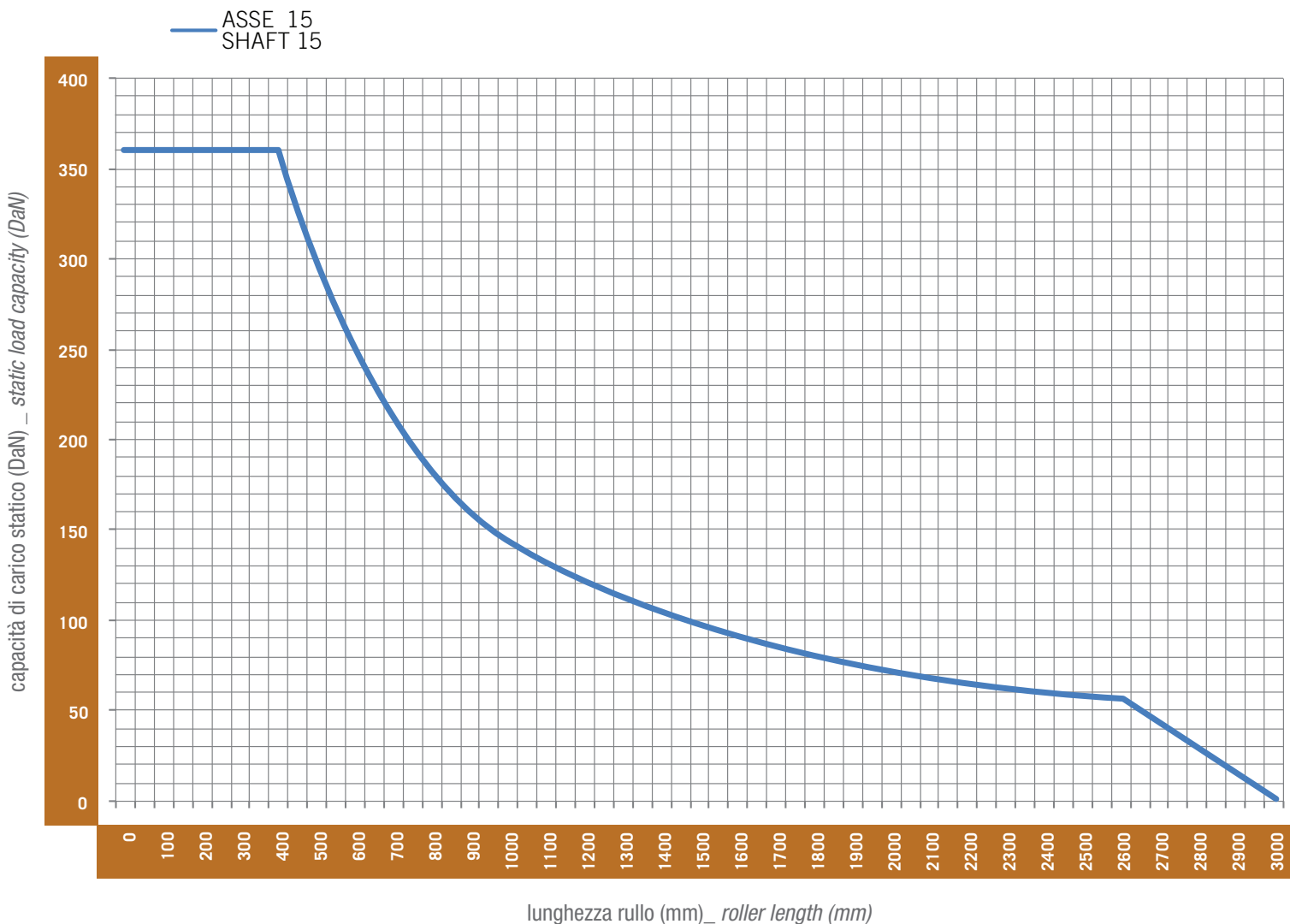
RULLO SIGMA (FRIZIONE DOPPIA) SIGMA ROLLER (DUAL FRICTION)

I rulli SIGMA con frizione doppia sono costituiti da un rullo interno motorizzato sul quale è calettato, su boccole a strisciamento, un mantello esterno. Il peso del carico sul mantello esterno farà aumentare l'attrito fra il rullo interno e le boccole a strisciamento creando una coppia sufficiente a trainare i colli in condizioni normali. Rispetto ai rulli SIGMA con frizione singola garantiscono una coppia superiore a parità di peso trasportato. I rulli frizionati SIGMA con frizione doppia sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6202 sono lubrificati a vita.

SIGMA rollers with dual sprockets have a inner motor drive flush fitted with a crawl bushing on the outer casing. Weight loaded on outer casing will increase friction between inner roll and crawl bushing thus creating a sufficient coupling to pull the packages in normal conditions. SIGMA rollers with single frictioned pinion sproket guarantee a greater coupling when compared to equally conveyed weight. SIGMA rollers with dual frictioned pinion sproket are for medium and heavy duty conveying, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. Integral bearing protection is given by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard. Type 6201 bearings are pre-lubricated and sealed for life.

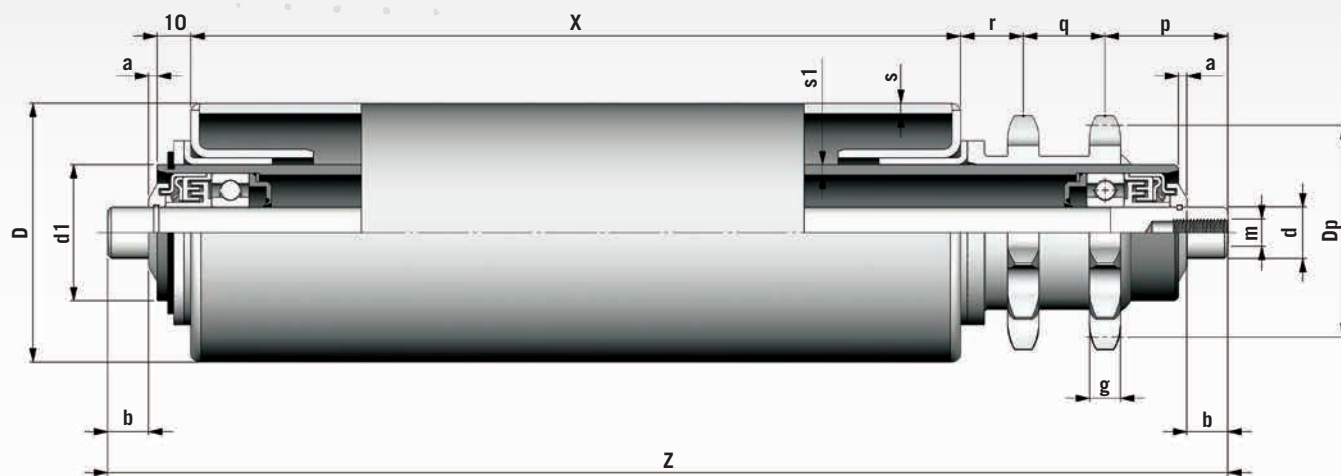
Esempio di designazione rullo - Example of roller designation code

Rullo SIGMA 102-40/15 B2 CI 2RF 5/8" Z=12 X=200 Z=232 ZINCATO

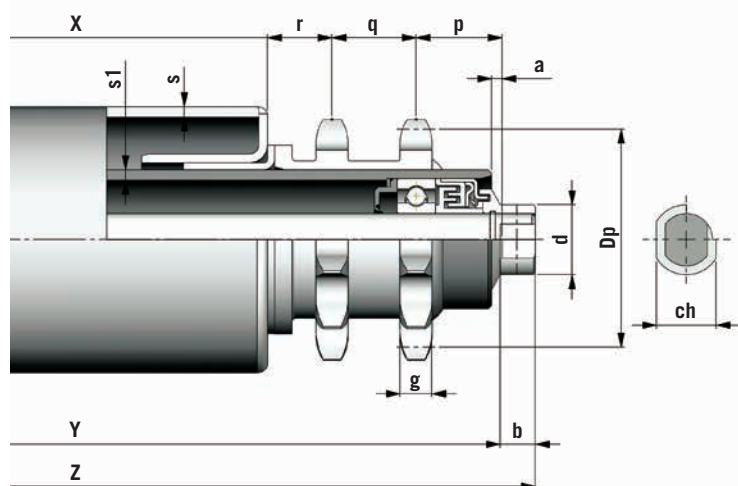


RULLO SIGMA (FRIZIONE DOPPIA)

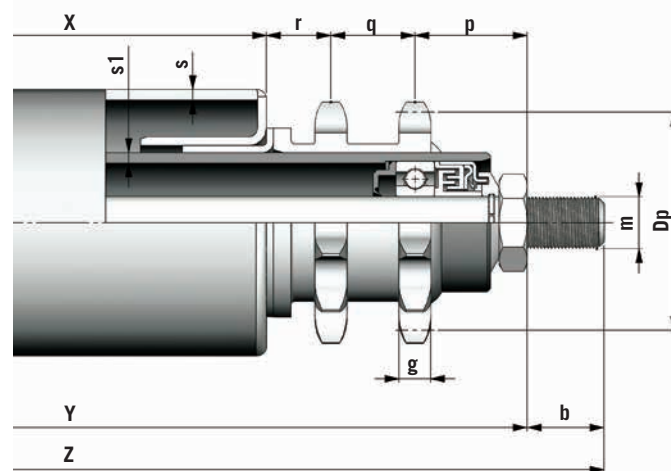
SIGMA ROLLER (DUAL FRICTION)



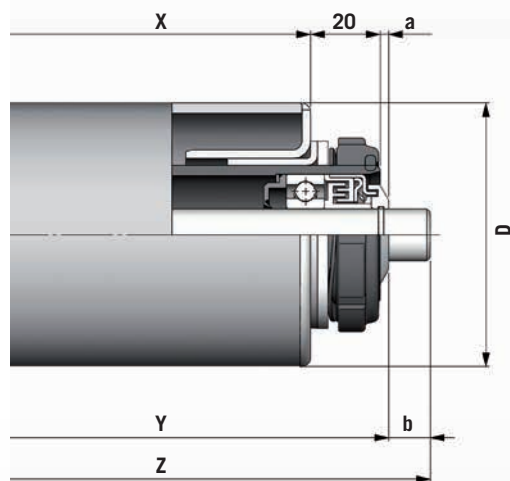
EXEC B2



EXEC A



EXEC C



Frizione registrabile
 Adjustable frictioned pinion sproket

● RULLO ● OMEGA ● IR-1RD

● OMEGA
● ROLLER
● IR-1RD

● PER CATENA
● TANGENZIALE
● COMANDO INTERNO
● FOR TANGENTIAL
● CHAIN INNER DRIVE



RULLO OMEGA 1R-1RD

OMEGA ROLLER 1R-1RD

I rulli OMEGA CI sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare.

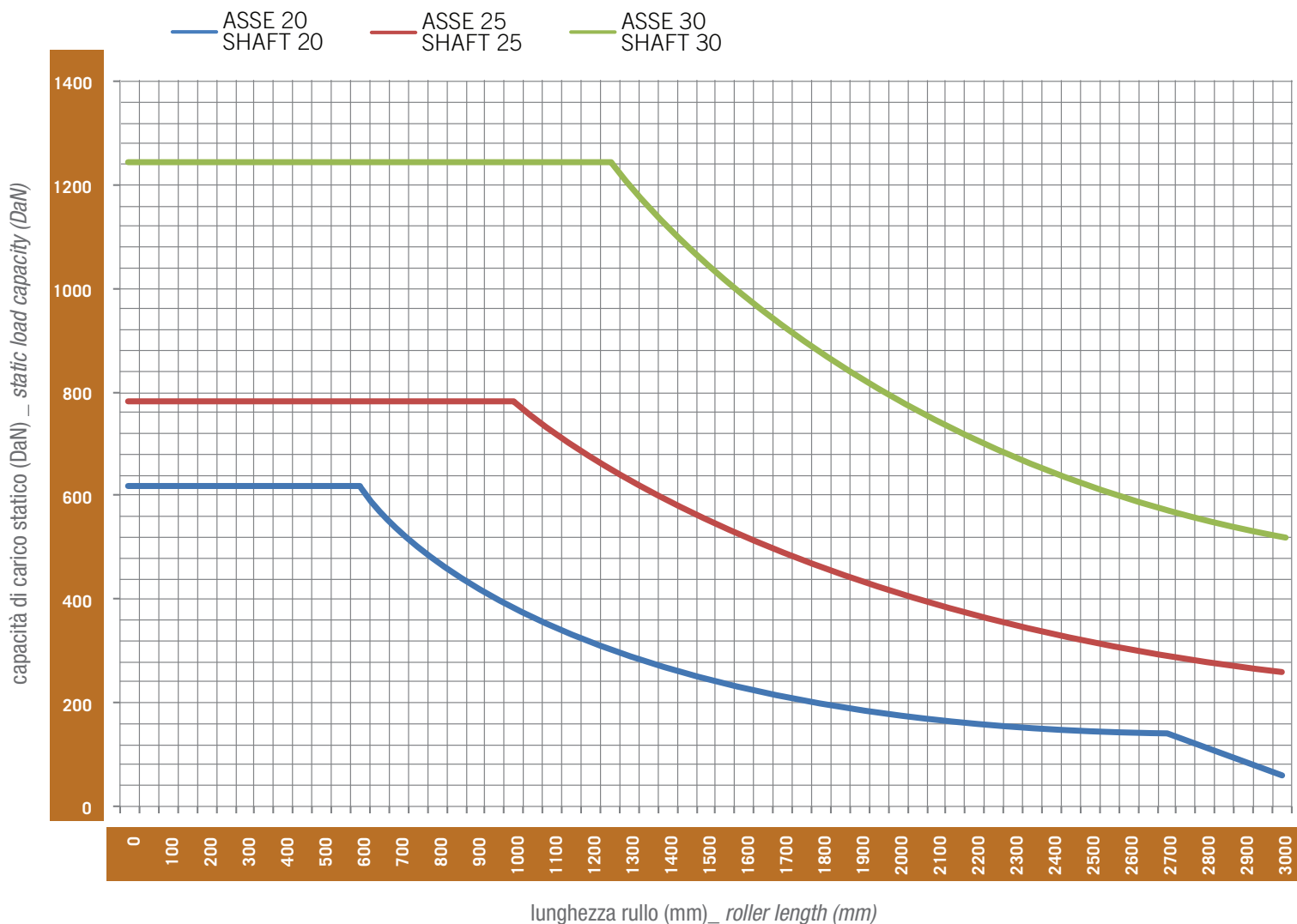
I cuscinetti tipo 6204, 6205, 6206 sono lubrificati a vita.

OMEGA CI rollers are suitable for conveying medium and heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. Integral bearing protection is provided by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard.

Type 6204, 6205, 6206 bearings are pre-lubricated and sealed for life.

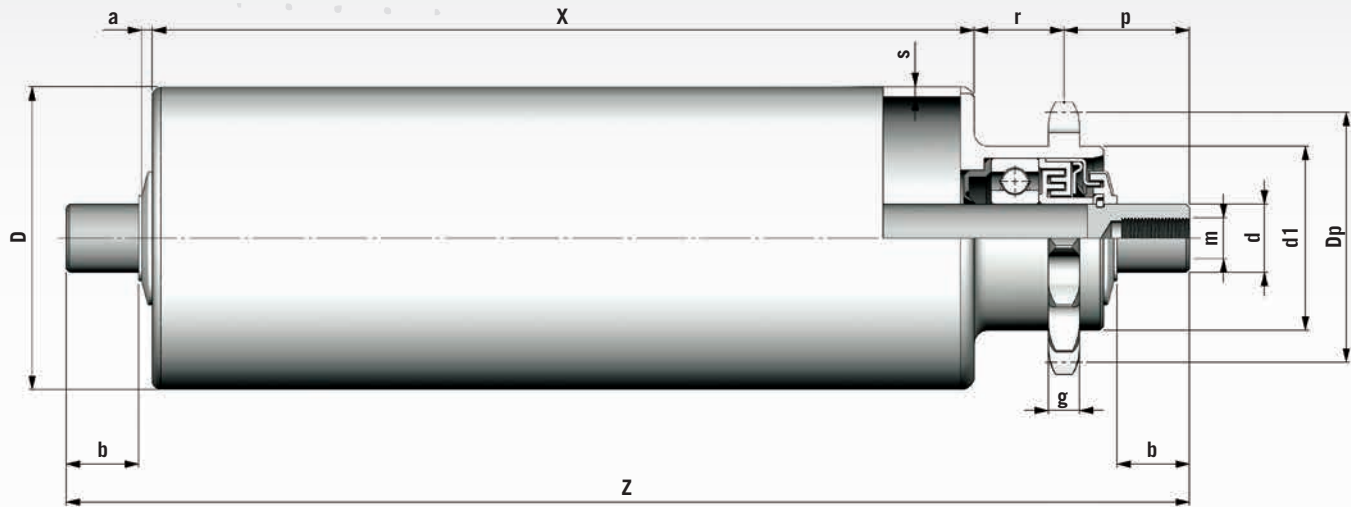
Esempio di designazione rullo - Example of roller designation code

Rullo OMEGA 133/25 B2 CI 1R 3/4" Z=17 X=300 Z=394

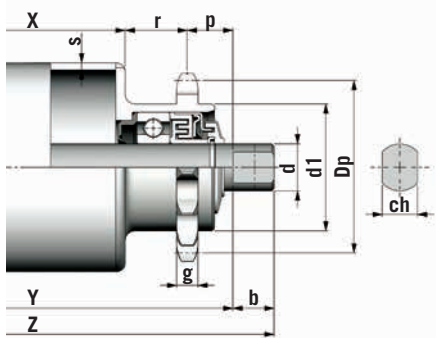


RULLO OMEGA 1R-1RD

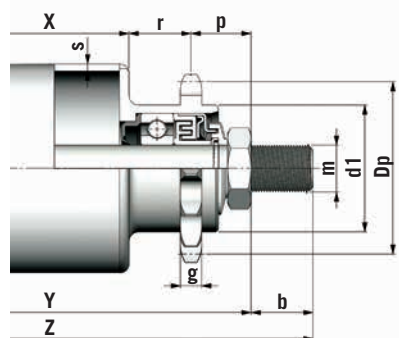
OMEGA ROLLER 1R-1RD



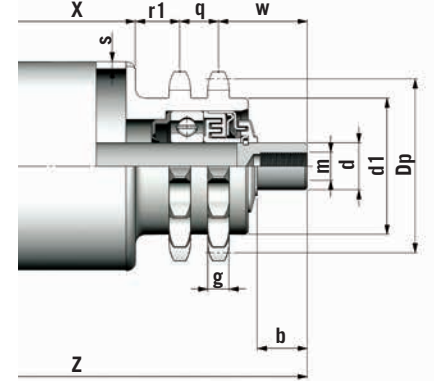
EXEC B2



EXEC A



EXEC C



EXEC B2

MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

MOT. DISPONIBILI ASSE Ø20 - AVAILABLE SHAFT DRIVES Ø20

PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
1/2" x 5/16"	15	61.09
5/8" x 3/8"	14	71.34
3/4" x 7/16"	12	73.6

MOT. DISPONIBILI ASSE Ø25 - AVAILABLE SHAFT DRIVES Ø25

PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
5/8" x 3/8"	15	76.36
3/4" x 7/16"	13	79.59
1" x 17,02 mm	11	90.14

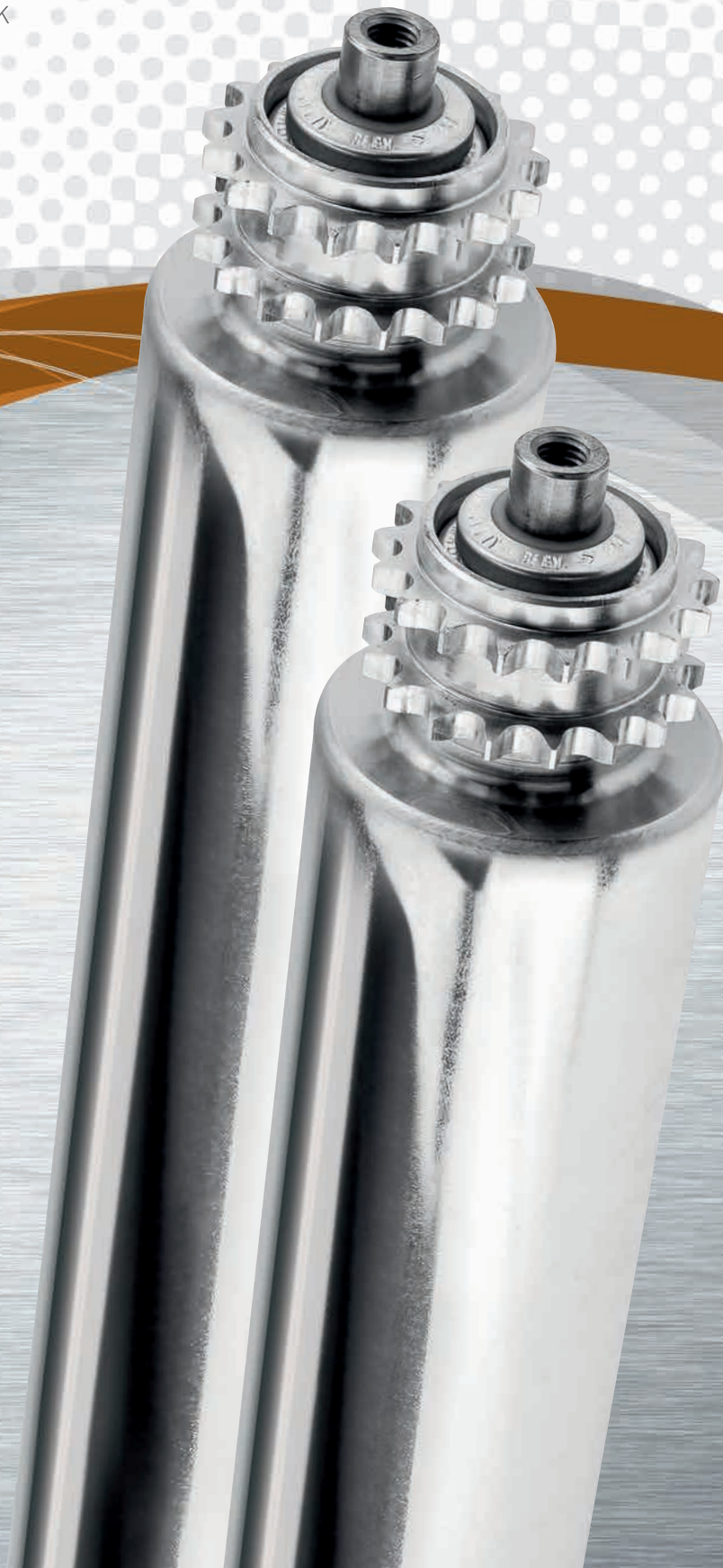
MOT. DISPONIBILI ASSE Ø30 - AVAILABLE SHAFT DRIVES Ø30

PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
3/4" x 7/16"	15	91.63
1" x 17,02 mm	12	98.14

● RULLO ● OMEGA 2R

● OMEGA ● ROLLER 2R

● PER ANELLI DI CATENA
● COMANDO INTERNO
● FOR CHAIN LINK
● INNER DRIVE



RULLO OMEGA 2R

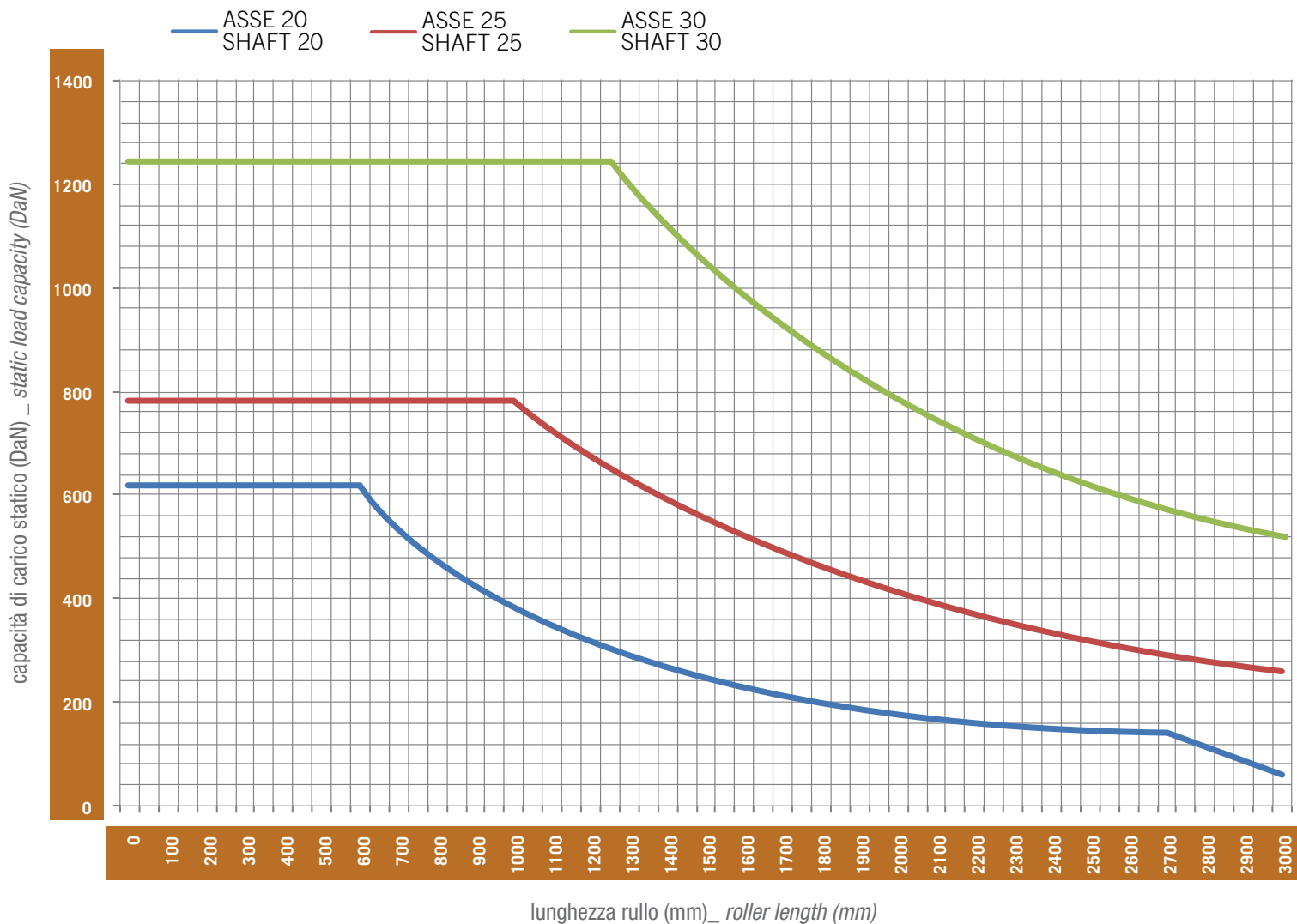
OMEGA ROLLER 2R

I rulli OMEGA CI sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6204, 6205, 6206 sono lubrificati a vita.

OMEGA CI rollers are suitable for conveying medium and heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. Integral bearing protection is provided by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard. Type 6204, 6205, 6206 bearings are pre-lubricated and sealed for life.

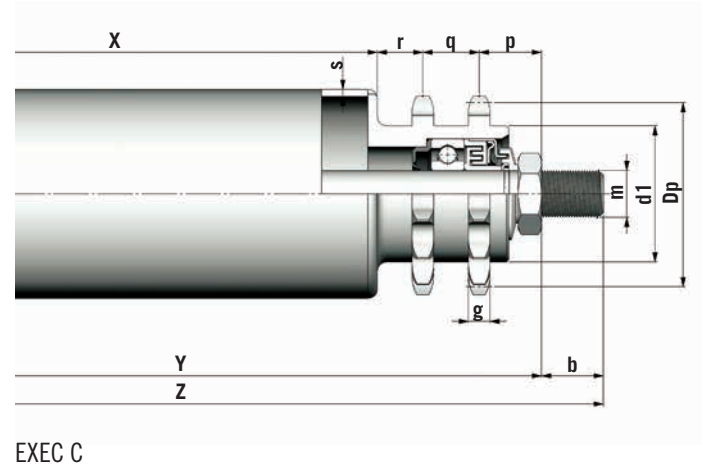
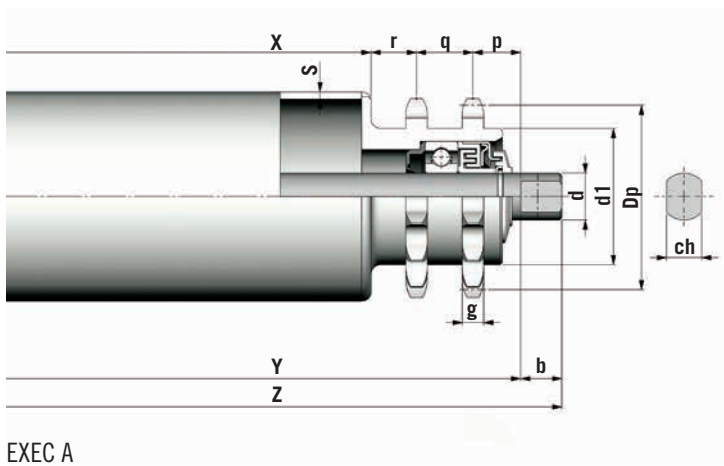
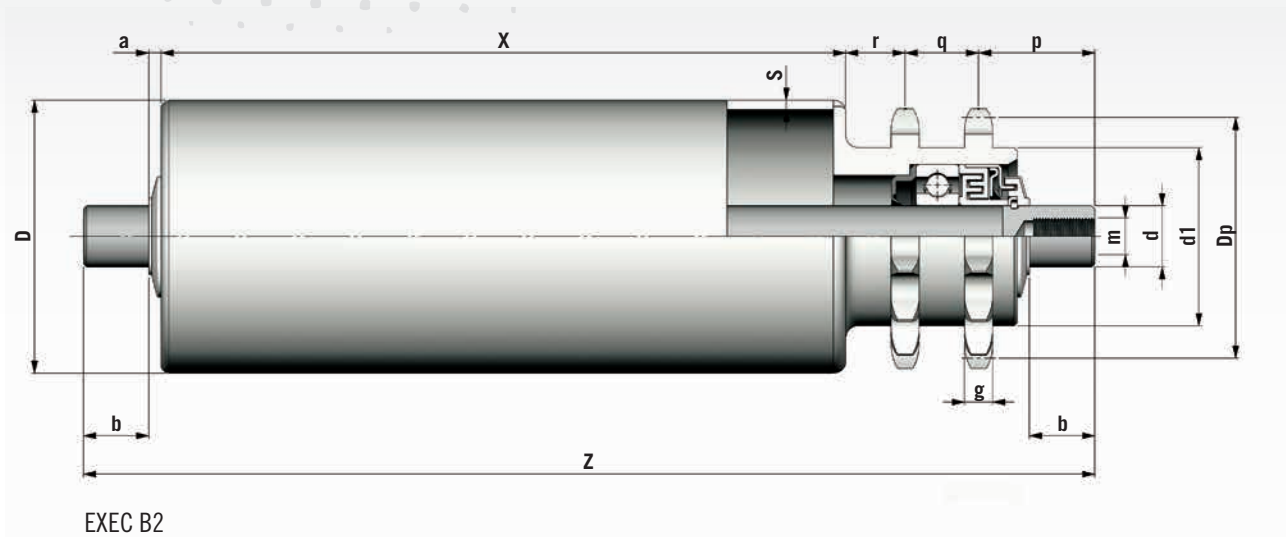
Esempio di designazione rullo - Example of roller designation code

Rullo OMEGA 133/25 B2 CI 2R 3/4" Z=17 X=300 Z=417



RULLO OMEGA 2R

OMEGA ROLLER 2R



MOTORIZZAZIONI DISPONIBILI AVAILABLE DRIVES

MOT. DISPONIBILI ASSE Ø20 - AVAILABLE SHAFT DRIVES Ø20		
PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
1/2" x 5/16"	15	61.09
5/8" x 3/8"	14	71.34
3/4" x 7/16"	12	97.65

MOT. DISPONIBILI ASSE Ø25 - AVAILABLE SHAFT DRIVES Ø25		
PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
5/8" x 3/8"	15	76.36
3/4" x 7/16"	13	79.59
1" x 17,02 mm	11	90.14

MOT. DISPONIBILI ASSE Ø30 - AVAILABLE SHAFT DRIVES Ø30		
PASSO CATENA CHAIN PITCH	N° DENTI MINIMO Z MINIMUM N. TEETH Z	Ø PRIM. Ø PRIM.
3/4" x 7/16"	15	91.63
1" x 17,02 mm	12	98.14

RULLO OMEGA 2R

OMEGA ROLLER 2R

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS												PESO (kg) WEIGHT (KG)		
					a	b	m	ch	p	q	r	g	D	d	d1	s	X=200	Al mm - Per mm	
76/20	1/2" x 5/16"	17	69.11	A	4	9		15	14.5										
				B2	4	15	12x20		29.5	21	16.5	7	76	20	54	3	2.833	0.00786	
				C	13	30	20		23.5										
89/20	1/2" x 5/16"	17	69.11	A	4	9		15	14.5										
				B2	4	15	12x20		29.5	21	16.5	7	89	20	54	3	3.098	0.00883	
				C	13	30	20		23.5										
102/20	5/8" x 3/8"	15	76.36	A	4	9		15	16.5										
				B2	4	15	12x20		31.5	24	19.5	8.8	102	20	58	3	3.588	0.00979	
				C	13	30	20		25.5										
108/20	5/8" x 3/8"	15	76.36	A	4	9		15	16.5										
				B2	4	15	12x20		31.5	24	19.5	8.8	108	20	58	3.5	4.096	0.01148	
				C	13	30	20		25.5										
133/20	3/4" x 7/16"	17	103.67	A	4	9		15	18.5										
				B2	4	15	12x20		33.5	33	21.5	10.8	133	20	82	4	6.931	0.01518	
				C	13	30	20		27.5										
89/25	5/8" x 3/8"	16	81.37	A	4	12		18	16.5										
				B2	4	20	16x20		36.5	24	19.5	8.8	89	25	63	3	4.118	0.01021	
				C	14	35	24		26.5										
102/25	5/8" x 3/8"	16	81.37	A	4	12		18	16.5										
				B2	4	20	16x20		36.5	24	19.5	8.8	102	25	63	3	4.428	0.01117	
				C	14	35	24		26.5										
108/25	5/8" x 3/8"	16	81.37	A	4	12		18	16.5										
				B2	4	20	16x20		36.5	24	19.5	8.8	108	25	63	3.5	4.767	0.01287	
				C	14	35	24		26.5										
133/25	3/4" x 7/16"	17	103.67	A	4	12		18	18.5										
				B2	4	20	16x20		38.5	33	21.5	10.8	133	25	82	4	7.492	0.01657	
				C	14	35	24		28.5										
159/25	1" x 17,02 mm	16	130.20	A	4	12		18	24										
				B2	4	20	16x20		44	50	36	15.8	159	25	54	4.5	13.064	0.02099	
				C	14	35	24		34										
108/30	3/4" x 7/16"	15	91.63	A	4	12		22	18.5										
				B2	4	25	20x25		43.5	33	21.5	10.8	108	30	72	3.5	6.223	0.01456	
				C	16	40	30		30.5										
133/30	3/4" x 7/16"	17	103.67	A	4	12		22	18.5										
				B2	4	25	20x25		43.5	33	21.5	10.8	133	30	82	4	8.071	0.01827	
				C	16	40	30		30.5										
159/30	1" x 17,02 mm	16	130.20	A	4	12		22	24										
				B2	4	25	20x25		49	50	36	15.8	159	30	104	4.5	13.611	0.02269	
				C	16	40	30		36										

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Posizione corone diverse	Other gear positions
Tubo acciaio inox	Stainless steel tube
Asse acciaio inox	Stainless Steel shafts
Zincatura a freddo	Cold Galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento in gomma vulcanizzata	Vulcanized Rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC Sheath coating
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)
Esecuzione con ruota libera	Free wheel configuration

● RULLO ● GAMMA ● 1R-1RD

● GAMMA ● ROLLER ● 1R-1RD

● PER CATENA
● TANGENZIALE
● COMANDO ESTERNO
● FOR TANGENTIAL
● CHAIN INNER DRIVE



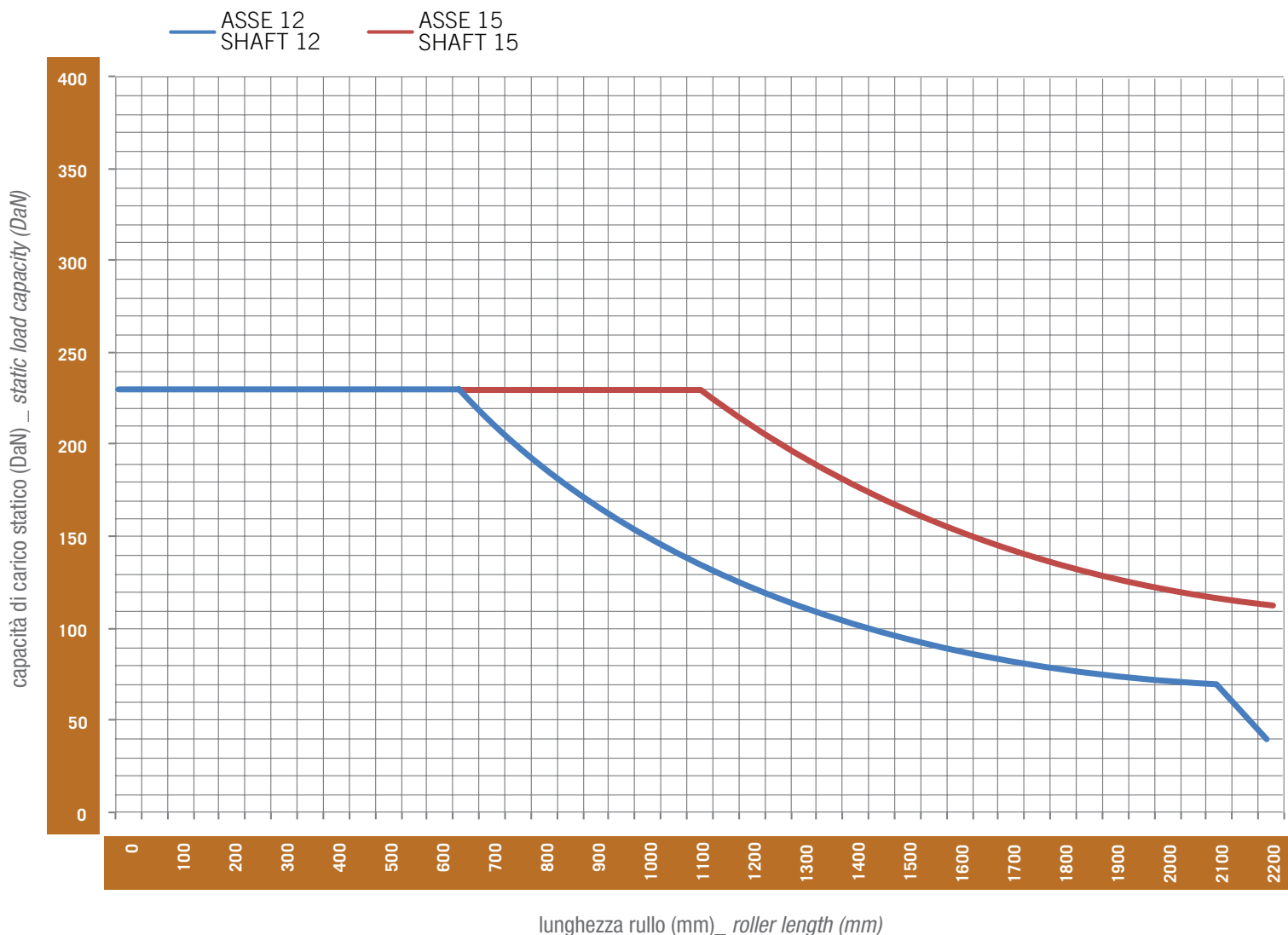
RULLO GAMMA 1R-1RD GAMMA ROLLER 1R-1RD

I rulli GAMMA “CE” sono adatti alla realizzazione di rulliere rettilinee, per il trasporto di carichi medi, anche in ambienti con polveri in sospensione. Il tubo è in acciaio, le estremità sono rastremate e senza spigoli, per facilitare lo scarico laterale dei colli. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. I cuscinetti tipo 6201 e 6202 sono lubrificati a vita e protetti da un parapolvere in materiale termoplastico o metallico.

GAMMA CE rollers are suitable for straight line roller conveyors and medium load transport, even in volatile dusty environments. Tapered end steel tube without corners eases side package unloading. The crown sprockets are flush fitted and welded directly on the casing. Pre-lubricated and sealed for life type 6201 and 6202 bearings are protected by thermoplastic or metal dust guard.

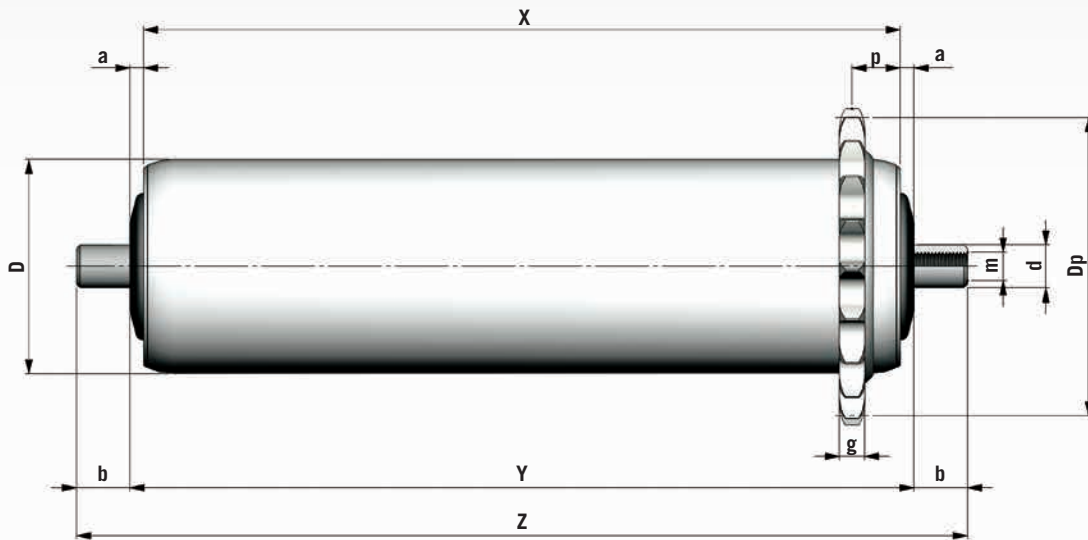
Esempio di designazione rullo - Example of roller designation code

Rullo GAMMA 60/15 B2 CE 1R 1/2” Z=20 X=200 Z=226 M10x15 ZINCATO

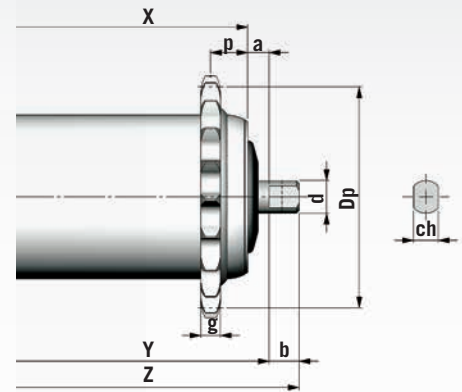


RULLO GAMMA 1R-1RD GAMMA ROLLER 1R-1RD

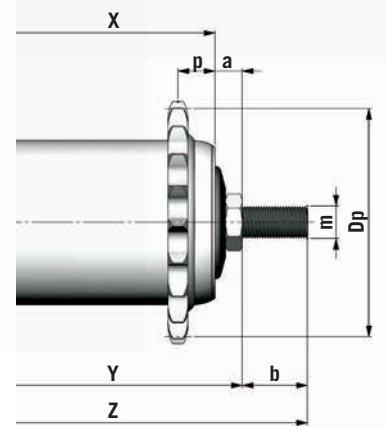
RULLO GAMMA 1R GAMMA ROLLER 1R



EXEC B2

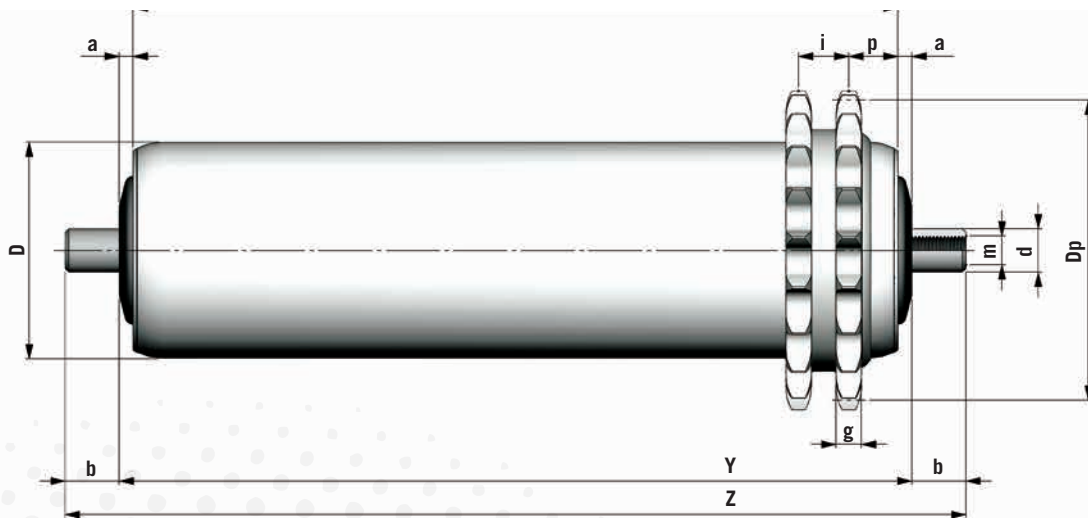


EXEC A

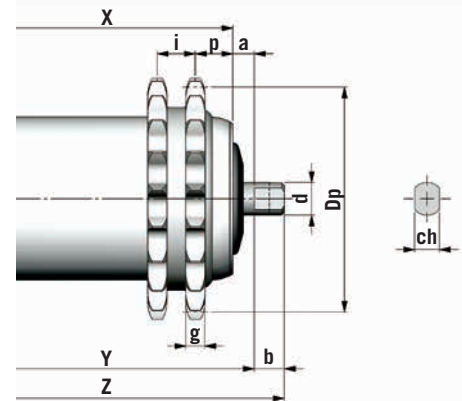


EXEC C

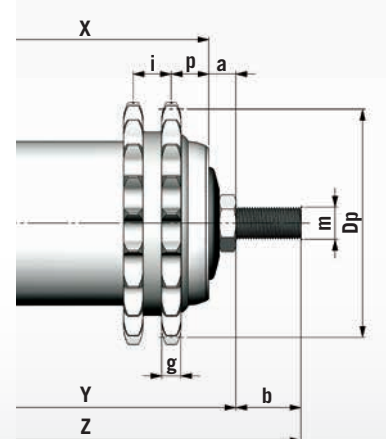
RULLO GAMMA 1RD GAMMA ROLLER 1RD



EXEC B2



EXEC A



EXEC C

RULLO GAMMA 1R-1RD

GAMMA ROLLER 1R-1RD

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	i	g	D	d	s	X=200	Al mm - Per mm
32/12	3/8" x 7/32"	16	48.82	A	3	10		10	8.5	10	5	32	12	1.5	0.564	0.00202
				B	3	10	8x15									
				C	10	20	12									
35/12	3/8" x 7/32"	16	48.82	A	7	10		10	8.5	10	5	35	12	2	0.683	0.00252
				B	7	6	8x15									
				C	14	20	12									
40/12	1/2" x 5/16"	14	57.07	A	6	10		10	11.5	14	7	40	12	1.5	0.691	0.00231
				B	6	10	8x15									
				C	13	20	12									
50/12	1/2" x 5/16"	17	69.11	A	5	10		10	11.5	14	7	50	12	1.5	0.828	0.00268
				B	3	10	8x15									
				C	10	20	12									
60/12	1/2" x 5/16"	20	81.19	A	5	10		10	13.5	10	7	60	12	2	1.093	0.00375
				B	3	10	8x15									
				C	10	20	12									
76/12	5/8" x 3/8"	20	101.49	A	5	10		10	16.5	16.5	8.8	76	12	2	1.362	0.00418
				B	3	10	8x15									
				C	10	20	12									
35/15	3/8" x 7/32"	16	48.82	A	7	10		12	8.5	10	5	35	15	2	0.830	0.00301
				B	7	6	10x15									
				C	15	20	14									
50/15	1/2" x 5/16"	17	69.11	A	5	10		12	11.5	14	7	50	15	1.5	0.992	0.00318
				B	3	10	10x15									
				C	11	25	14									
60/15	1/2" x 5/16"	20	81.19	A	5	10		12	13.5	14	7	60	15	2	1.257	0.00425
				B	3	10	10x15									
				C	11	25	14									
76/15	5/8" x 3/8"	20	101.49	A	5	10		12	16.5	16.5	8.8	76	15	2	1.533	0.00468
				B	4	10	10x15									
				C	11	25	14									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Asse acciaio inox	Stainless Steel shafts
Posizioni corone diverse	Other gear positions
Tubo acciaio zincato	Galvanized steel tube
Tubo acciaio inox	Stainless steel tube
Cuscinetti 2RS	2RS Bearings
Cuscinetti acciaio inox	Stainless steel bearings
Cuscinetti bonderizzati per alte temperature	Special stabilising bearings for high temperatures
Rivestimento con guaina in PVC	PVC Sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating

● RULLO ● GAMMA 2R

● GAMMA ● ROLLER 2R

● PER ANELLI DI CATENA
● COMANDO ESTERNO
● FOR CHAIN LINK
● OUTER DRIVE



RULLO GAMMA 2R

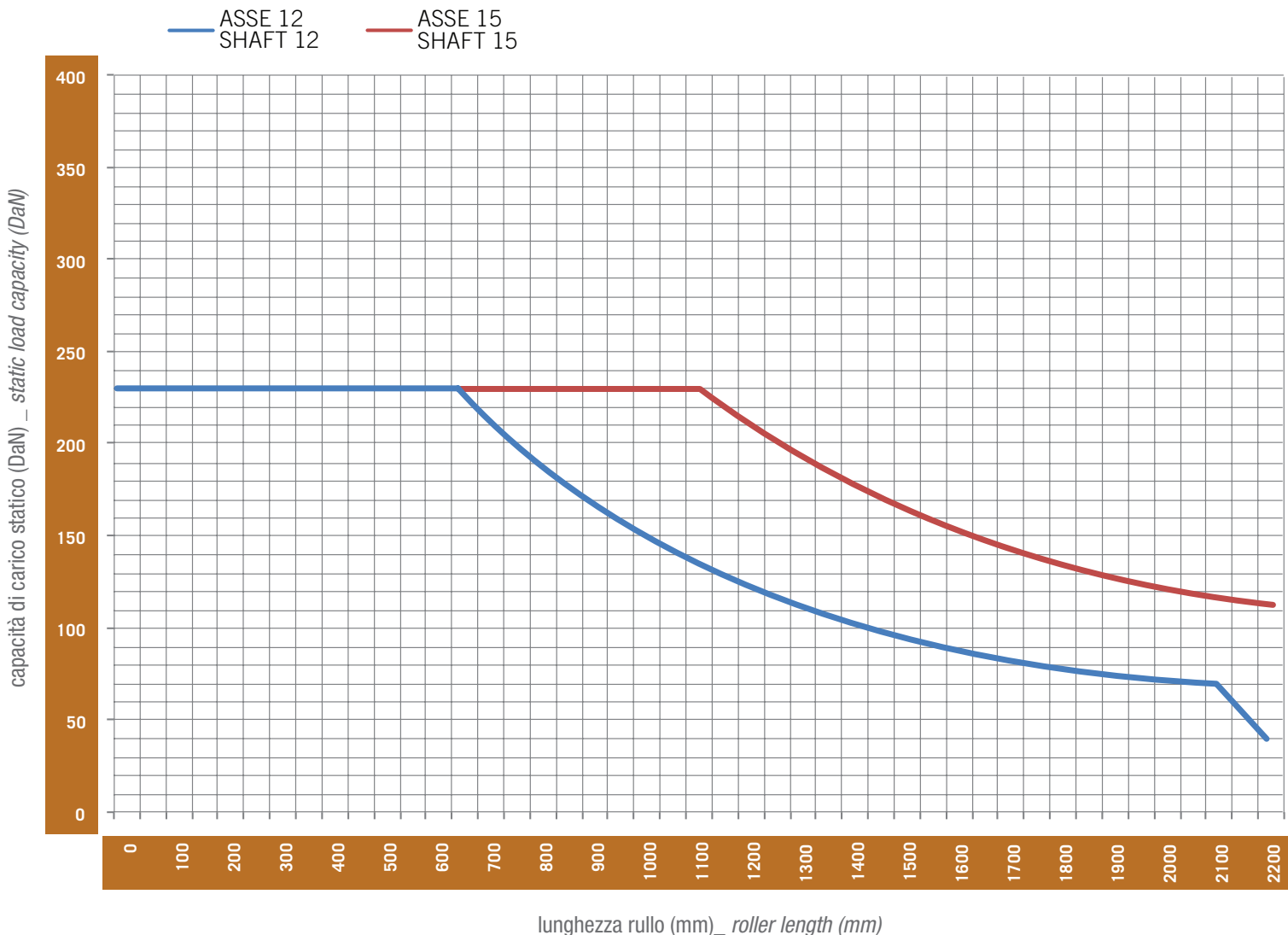
GAMMA ROLLER 2R

I rulli GAMMA "CE" sono adatti alla realizzazione di rulliere rettilinee, per il trasporto di carichi medi, anche in ambienti con polveri in sospensione. Il tubo è in acciaio, le estremità sono rastremate e senza spigoli, per facilitare lo scarico laterale dei colli. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. I cuscinetti tipo 6201 e 6202 sono lubrificati a vita e protetti da un parapolvere in materiale termoplastico o metallico.

GAMMA CE rollers are suitable for straight line roller conveyors and medium load transport, even in volatile dusty environments. Tapered end steel tube without corners eases side package unloading. The crown sprockets are flush fitted and welded directly on the casing. Pre-lubricated and sealed for life type 6201 and 6202 bearings are protected by thermoplastic or metal dust guard.

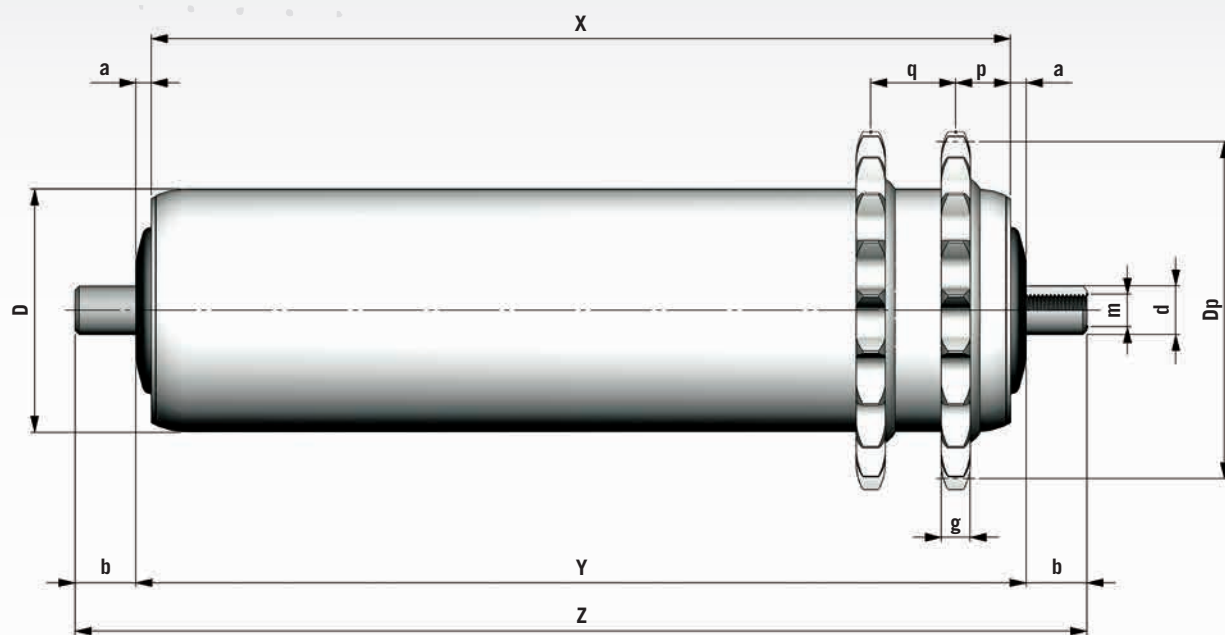
Esempio di designazione rullo - Example of roller designation code

Rullo GAMMA 60/15 B2 CE 2R 1/2" Z=20 X=200 Z=226 M10x15 ZINCATO

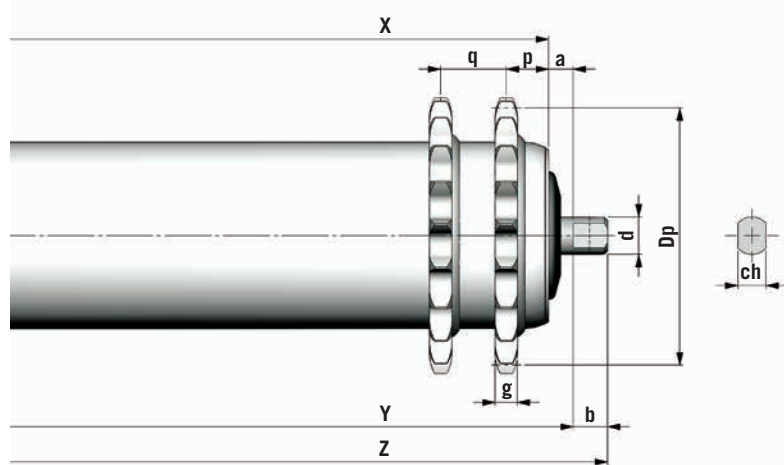


RULLO GAMMA 2R

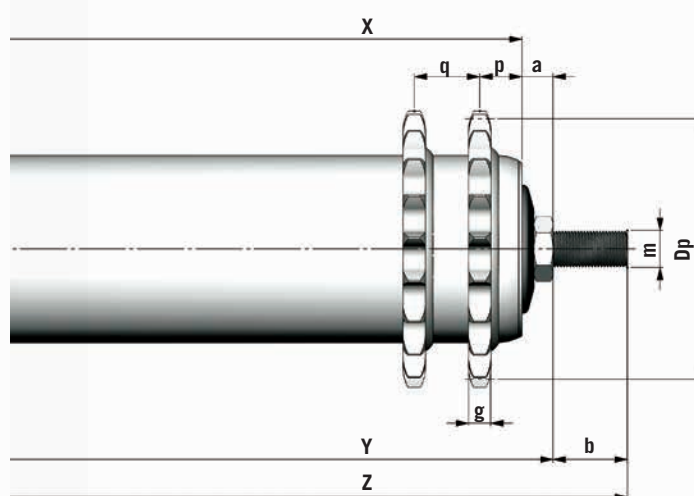
GAMMA ROLLER 2R



EXEC B2



EXEC A



EXEC C

RULLO GAMMA 2R

GAMMA ROLLER 2R

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	q	g	D	d	s	X=200	Al mm - Per mm
32/12	3/8" x 7/32"	16	48.82	A	3	10		10	8.5	17	5	32	12	1.5	0.600	0.00202
				B	3	10	8x15									
				C	10	20	12									
35/12	3/8" x 7/32"	16	48.82	A	7	10		10	8.5	17	5	35	12	2	0.713	0.00252
				B	7	6	8x15									
				C	14	20	12									
40/12	1/2" x 5/16"	14	57.07	A	5	10		10	11.5	21	7	40	12	1.5	0.730	0.00231
				B	3	10	8x15									
				C	10	20	12									
50/12	1/2" x 5/16"	17	69.11	A	5	10		10	11.5	21	7	50	12	1.5	0.904	0.00268
				B	3	10	8x15									
				C	10	20	12									
60/12	1/2" x 5/16"	20	81.19	A	5	10		10	13.5	21	7	60	12	2	1.193	0.00375
				B	3	10	8x15									
				C	10	20	12									
76/12	5/8" x 3/8"	20	101.49	A	5	10		10	16.5	24	8.8	76	12	2	1.575	0.00418
				B	3	10	8x15									
				C	10	20	12									
35/15	3/8" x 7/32"	16	48.82	A	7	10		12	8.5	17	5	35	15	2	0.860	0.00301
				B	7	6	10x15									
				C	15	20	14									
50/15	1/2" x 5/16"	17	69.11	A	5	10		12	11.5	21	7	50	15	1.5	1.068	0.00318
				B	3	10	10x15									
				C	11	25	14									
60/15	1/2" x 5/16"	20	81.19	A	5	10		12	13.5	21	7	60	15	2	1.357	0.00425
				B	3	10	10x15									
				C	11	25	14									
76/15	5/8" x 3/8"	20	101.49	A	5	10		12	16.5	24	8.8	76	15	2	1.746	0.00468
				B	4	10	10x15									
				C	11	25	14									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Asse acciaio inox	Stainless steel shaft
Posizioni corone diverse	Other gear positions
Tubo acciaio zincato	Galvanized steel tube
Tubo acciaio inox	Stainless steel tube
Cuscinetti 2RS	2RS Bearings
Cuscinetti acciaio inox	Stainless steel bearings
Cuscinetti bonderizzati per alte temperature	Special stabilising bearings for high temperatures
Rivestimento con guaina in PVC	PVC Sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating

● RULLO ● DELTA 1R-1RD

● DELTA ● ROLLER 1R-1RD

● PER CATENA TANGENZIALE
● COMANDO ESTERNO
● FOR TANGENTIAL
● CHAIN INNER DRIVE



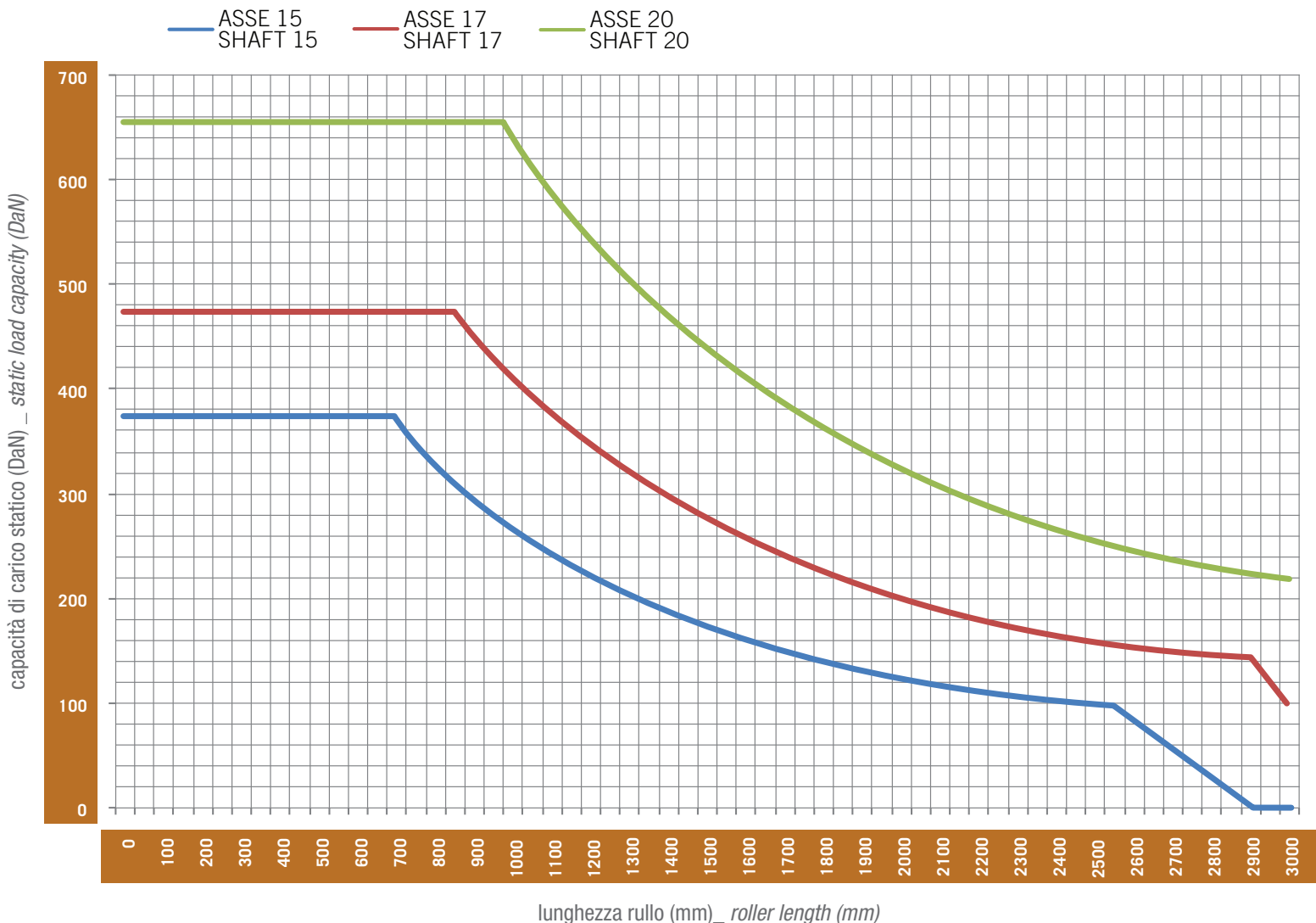
RULLO DELTA 1R-1RD DELTA ROLLER 1R-1RD

I rulli DELTA "CE" sono adatti alla realizzazione di rulliere rettilinee, per il trasporto di carichi pesanti, anche in ambienti con polveri in sospensione. Il tubo è in acciaio, le estremità sono rastremate e senza spigoli, per facilitare lo scarico laterale dei colli. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. I cuscinetti tipo 6202, 6203 e 6204 sono lubrificati a vita e protetti da un parapolvere a labirinto in materiale termoplastico o metallico.

DELTA CE rollers are suitable for straight line roller conveyors and heavy load transport, even in volatile dusty environments. Tapered end steel tube without corners eases side package unloading. The crown sprockets are flush fitted and welded directly on the casing. Pre-lubricated and sealed for life type 6202, 6203 and 6204 bearings are protected by thermoplastic or metal dust guard.

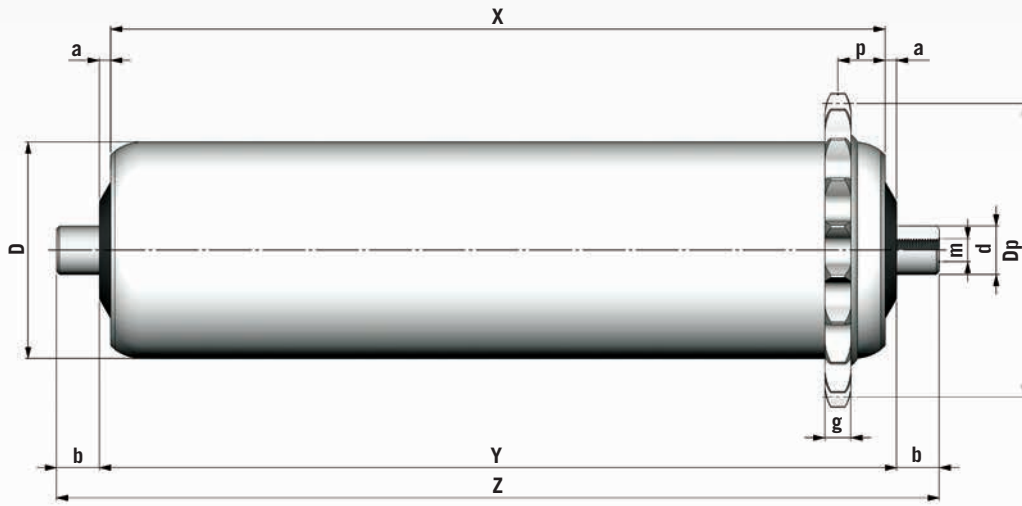
Esempio di designazione rullo - Example of roller designation code

Rullo DELTA 89/17 B2 CE 1R 5/8" Z=23 X=200 Z=232 M12x20 RIVESTITO PVC

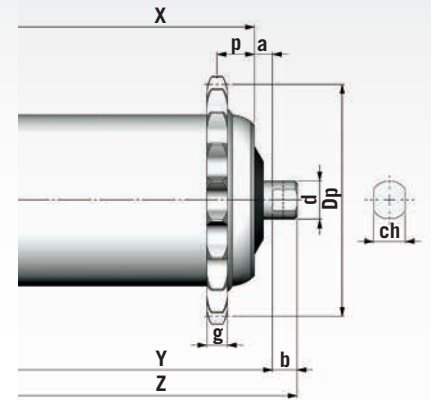


RULLO DELTA 1R-1RD DELTA ROLLER 1R-1RD

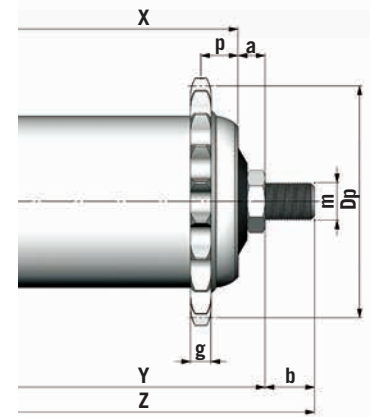
RULLO DELTA 1R DELTA ROLLER 1R



EXEC B2

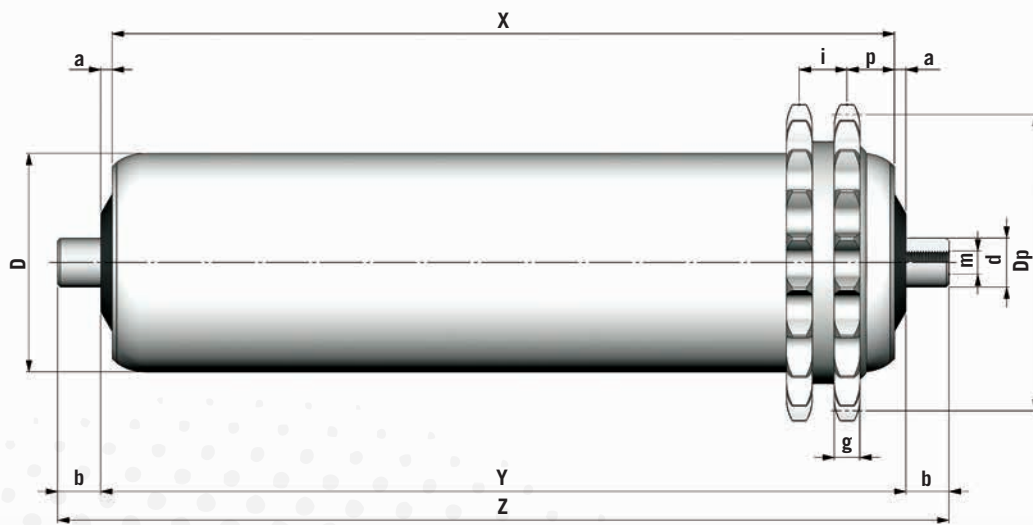


EXEC A

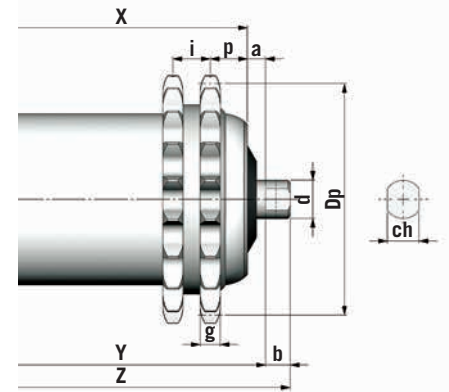


EXEC C

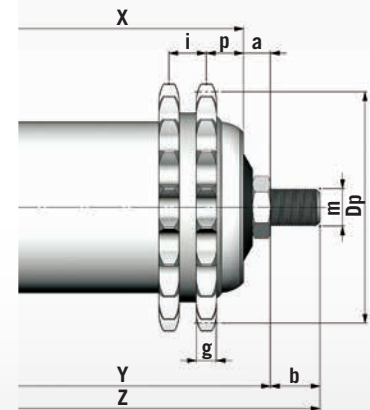
RULLO DELTA 1RD DELTA ROLLER 1RD



EXEC B2



EXEC A



EXEC C

RULLO DELTA 1R-1RD

DELTA ROLLER 1R-1RD

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	i	g	D	d	s	X=200	Al mm - Per mm
38/15	3/8" x 7/32"	17	51.83	A	8	10		12	8.5	10	5	38	15	2.5	0.872	0.00316
				B	8	10	10x15									
				C	16	25	14									
40/15	1/2" x 5/16"	14	57.07	A	8	10		12	11.5	14	7	40	15	3	1.081	0.00412
				B	8	10	10x15									
				C	16	25	14									
60/15	1/2" x 5/16"	20	81.19	A	5	10		12	13.5	14	7	60	15	3	1.621	0.00560
				B	4	12	10x15									
				C	12	25	14									
76/15	5/8" x 3/8"	20	101.49	A	5	10		12	16.5	16.5	8.8	76	15	3	2.037	0.00679
				B	4	12	10x5									
				C	12	25	14									
89/15	5/8" x 3/8"	23	116.58	A	5	10		12	16.5	16.5	8.8	89	15	3	2.338	0.00775
				B	4	12	10x15									
				C	12	25	14									
50/17	1/2" x 5/16"	17	69.11	A	5	10		15	11.5	14	7	50	17	3	1.561	0.00526
				B	4	12	12x20									
				C	13	30	16									
60/17	1/2" x 5/16"	20	81.19	A	5	10		15	13.5	14	7	60	17	3	1.735	0.00600
				B	4	12	12x20									
				C	12	30	16									
76/17	5/8" x 3/8"	20	101.49	A	5	10		15	16.5	16.5	8.8	76	17	3	2.215	0.00718
				B	4	12	12x20									
				C	12	30	16									
89/17	5/8" x 3/8"	23	116.58	A	5	10		15	16.5	16.5	8.8	89	17	3	2.502	0.00814
				B	4	12	12x20									
				C	12	30	16									
76/20	5/8" x 3/8"	20	101.49	A	5	10		17	16.5	16.5	8.8	76	20	3	2.544	0.00786
				B	4	12	12x20									
				C	13	30	20									
89/20	5/8" x 3/8"	23	116.58	A	5	10		17	16.5	16.5	8.8	89	20	3	2.909	0.00883
				B	4	12	12x20									
				C	13	30	20									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Asse acciaio inox	Stainless steel shaft
Posizioni corone diverse	Other gear positions
Tubo acciaio zincato	Galvanized steel tube
Tubo acciaio inox	Stainless steel tube
Cuscinetti 2RS	2RS Bearings
Cuscinetti acciaio inox	Stainless steel bearings
Cuscinetti bonderizzati per alte temperature	Special stabilising bearings for high temperatures
Rivestimento con guaina in PVC	PVC Sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating

● RULLO ● DELTA 2R

● DELTA ● ROLLER 2R

● PER ANELLI DI CATENA
● COMANDO ESTERNO
● FOR CHAIN LINK
● OUTER DRIVE



RULLO DELTA 2R

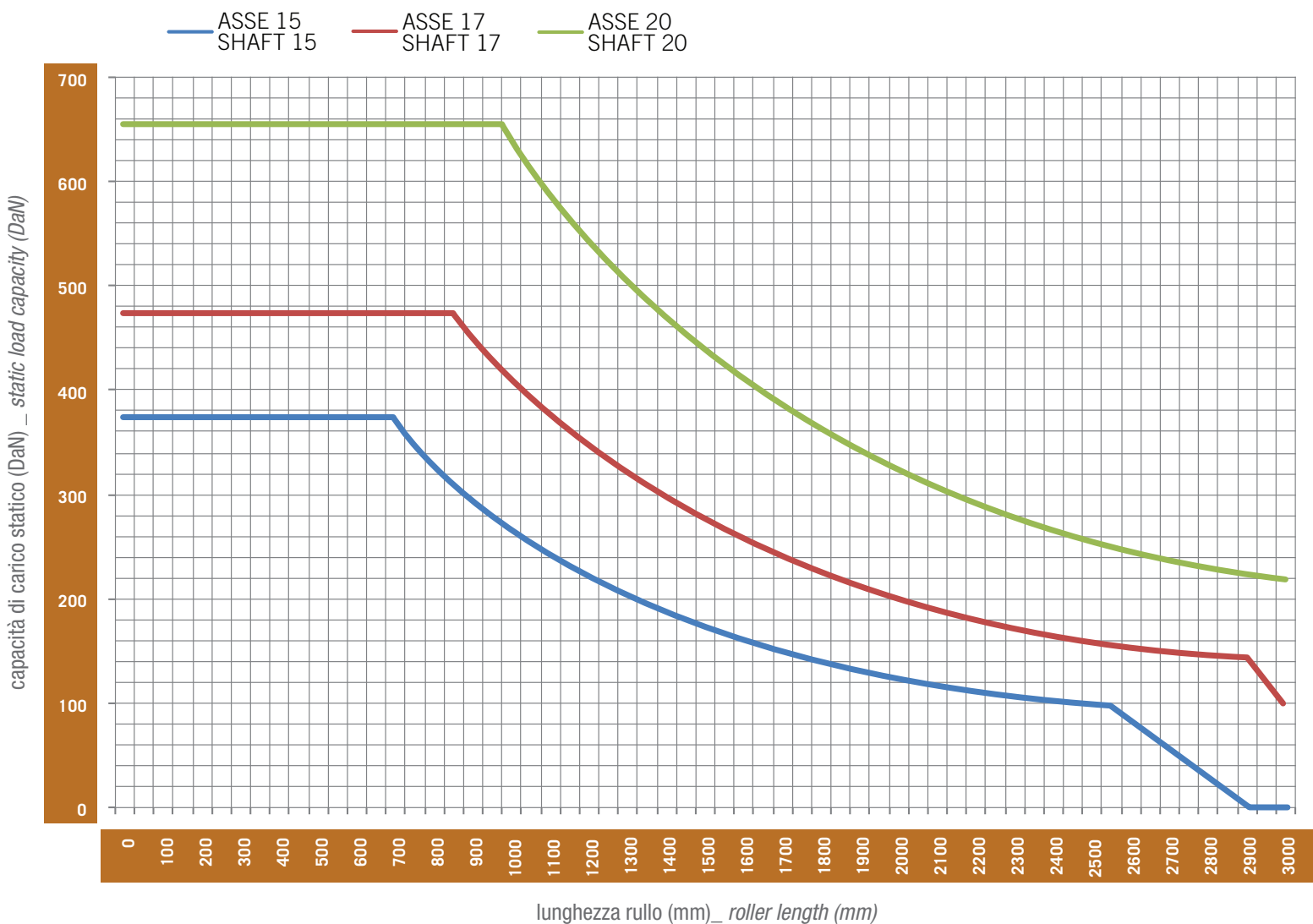
DELTA ROLLER 2R

I rulli DELTA "CE" sono adatti alla realizzazione di rulliere rettilinee, per il trasporto di carichi pesanti, anche in ambienti con polveri in sospensione. Il tubo è in acciaio, le estremità sono rastremate e senza spigoli, per facilitare lo scarico laterale dei colli. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. I cuscinetti tipo 6202, 6203 e 6204 sono lubrificati a vita e protetti da un parapolvere a labirinto in materiale termoplastico o metallico.

DELTA CE rollers are suitable for straight line roller conveyors and heavy load transport, even in volatile dusty environments. Tapered end steel tube without corners eases side package unloading. The crown sprockets are flush fitted and welded directly on the casing. Pre-lubricated and sealed for life type 6202, 6203 and 6204 bearings are protected by thermoplastic or metal dust guard.

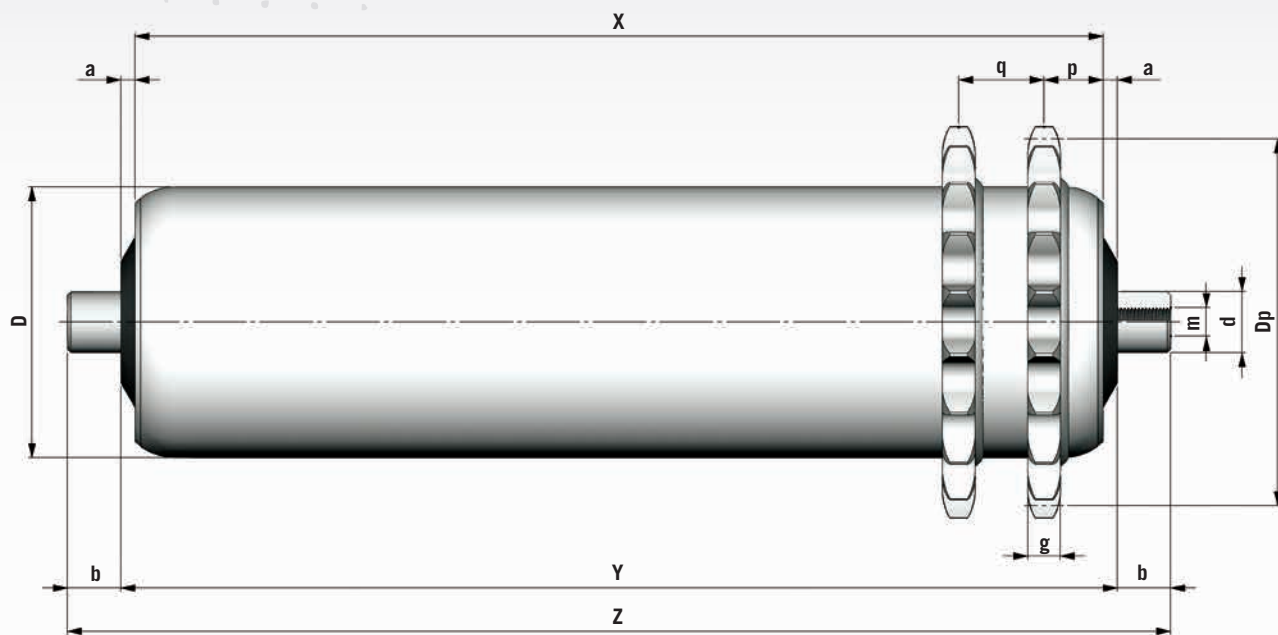
Esempio di designazione rullo - Example of roller designation code

Rullo DELTA 89/17 B2 CE 2R 5/8" Z=23 X=200 Z=232 M12x20

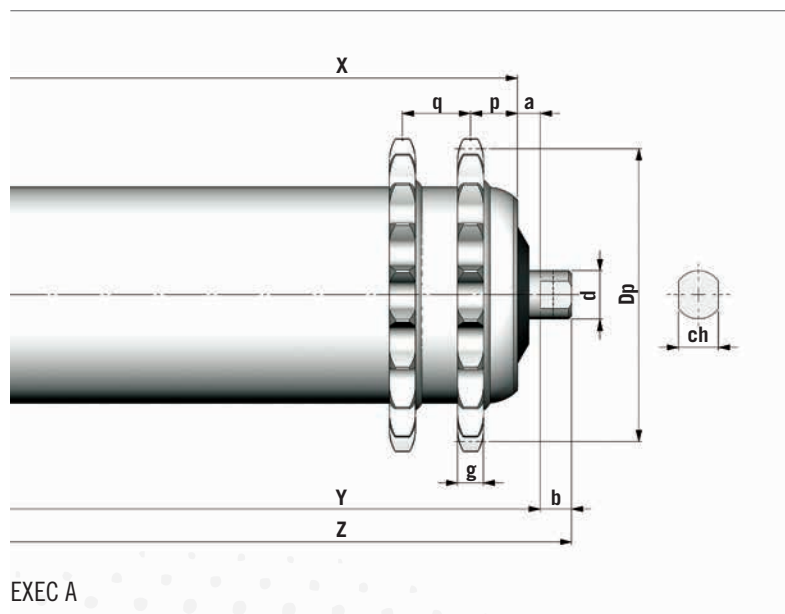


RULLO DELTA 2R

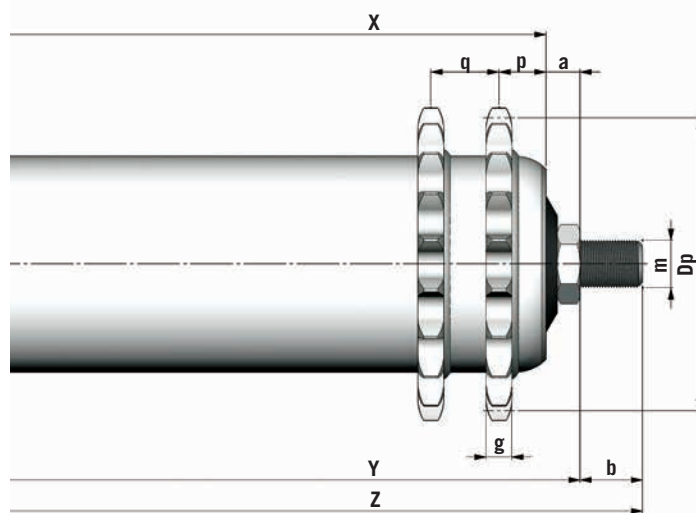
DELTA ROLLER 2R



EXEC B2



EXEC A



EXEC C

RULLO DELTA 2R

DELTA ROLLER 2R

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	q	g	D	d	s	X=200	Al mm - Per mm
38/15	3/8" x 7/32"	17	51.83	A	8	10		12	8.5	17	5	38	15	2.5	0.898	0.00316
				B	8	10	10x15									
				C	16	25	14									
40/15	1/2" x 5/16"	14	57.07	A	8	10		12	11.5	21	7	40	15	3	1.125	0.00412
				B	8	10	10x15									
				C	16	25	14									
60/15	1/2" x 5/16"	20	81.19	A	5	10		12	13.5	21	7	60	15	3	1.721	0.00560
				B	4	12	10x15									
				C	12	25	14									
76/15	5/8" x 3/8"	20	101.49	A	5	10		12	16.5	24	8.8	76	15	3	2.250	0.00679
				B	4	12	10x15									
				C	12	25	14									
89/15	5/8" x 3/8"	23	116.58	A	5	10		12	16.5	24	8.8	89	15	3	2.588	0.00775
				B	4	12	10x15									
				C	12	25	14									
50/17	1/2" x 5/16"	17	69.11	A	5	10		15	11.5	21	7	50	17	3	1.637	0.00526
				B	4	12	12x20									
				C	13	30	16									
60/17	1/2" x 5/16"	20	81.19	A	5	10		15	13.5	21	7	60	17	3	1.835	0.00600
				B	4	12	12x20									
				C	12	30	16									
76/17	5/8" x 3/8"	20	101.49	A	5	10		15	16.5	24	8.8	76	17	3	2.428	0.00718
				B	4	12	12x20									
				C	12	30	16									
89/17	5/8" x 3/8"	23	116.58	A	5	10		15	16.5	24	8.8	89	17	3	2.752	0.00814
				B	4	12	12x20									
				C	12	30	16									
76/20	5/8" x 3/8"	20	101.49	A	5	10		17	16.5	24	8.8	76	20	3	2.757	0.00786
				B	4	12	12x20									
				C	13	30	20									
89/20	5/8" x 3/8"	23	116.58	A	5	10		17	16.5	24	8.8	89	20	3	3.159	0.00883
				B	4	12	12x20									
				C	13	30	20									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Asse acciaio inox	Stainless steel shaft
Posizioni corone diverse	Other gear positions
Tubo acciaio zincato	Galvanized steel tube
Tubo acciaio inox	Stainless steel tube
Cuscinetti 2RS	2RS Bearings
Cuscinetti acciaio inox	Stainless steel bearings
Cuscinetti bonderizzati per alte temperature	Special stabilising bearings for high temperatures
Rivestimento con guaina in PVC	PVC Sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating

● RULLO ● SIGMA 1R-1RD

● SIGMA ● ROLLER 1R-1RD

● PER CATENA TANGENZIALE
● COMANDO ESTERNO
● FOR TANGENTIAL
● CHAIN OUTER DRIVE



RULLO SIGMA 1R-1RD

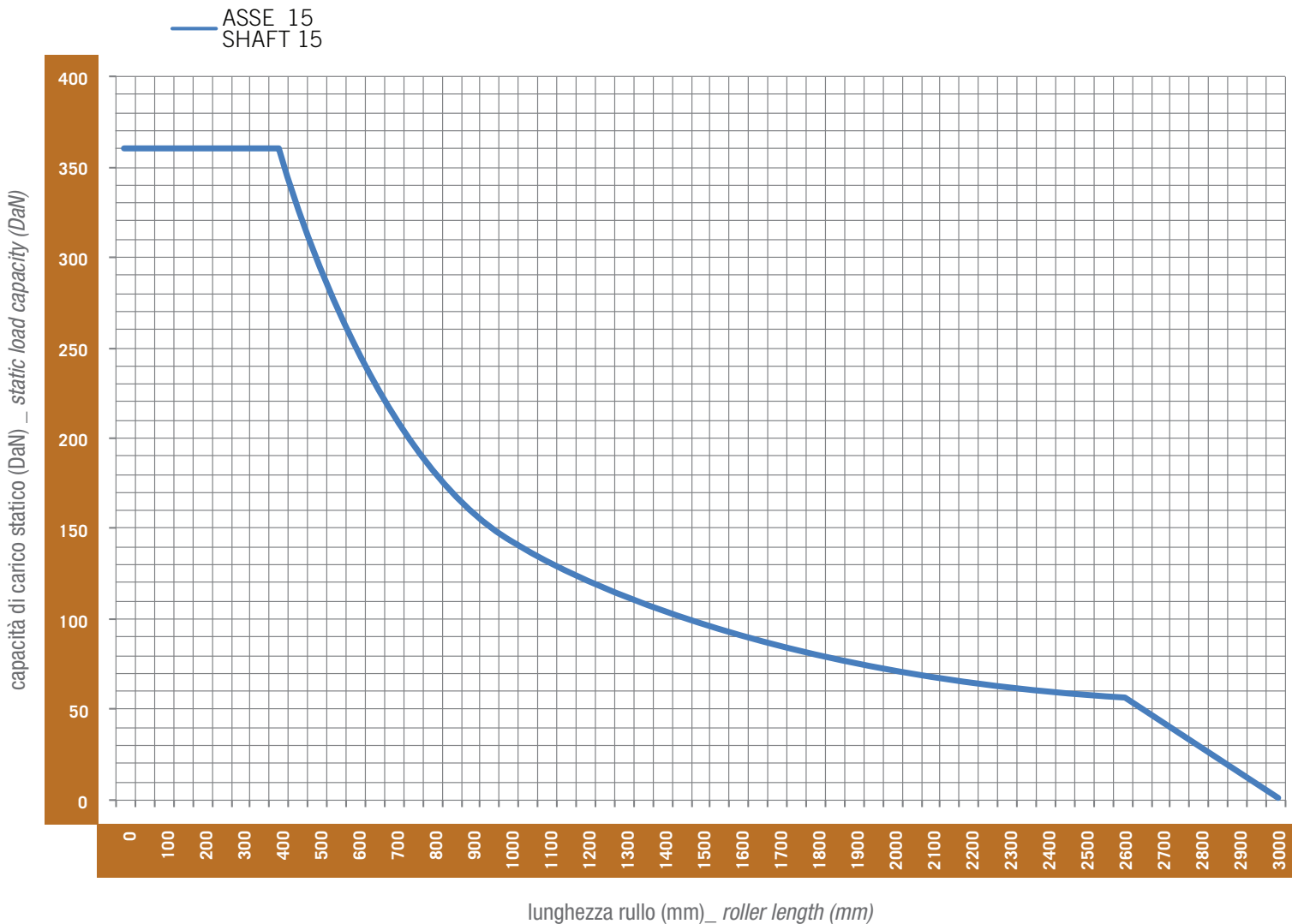
SIGMA ROLLER 1R-1RD

I rulli SIGMA “CE” sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6202 sono lubrificati a vita.

SIGMA CE rollers are suitable for conveying medium and heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. The crown sprockets are flush fitted and welded directly on the casing. Integral bearing protection is provided by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard. Type 6202 bearings are pre-lubricated and sealed for life.

Esempio di designazione rullo - Example of roller designation code

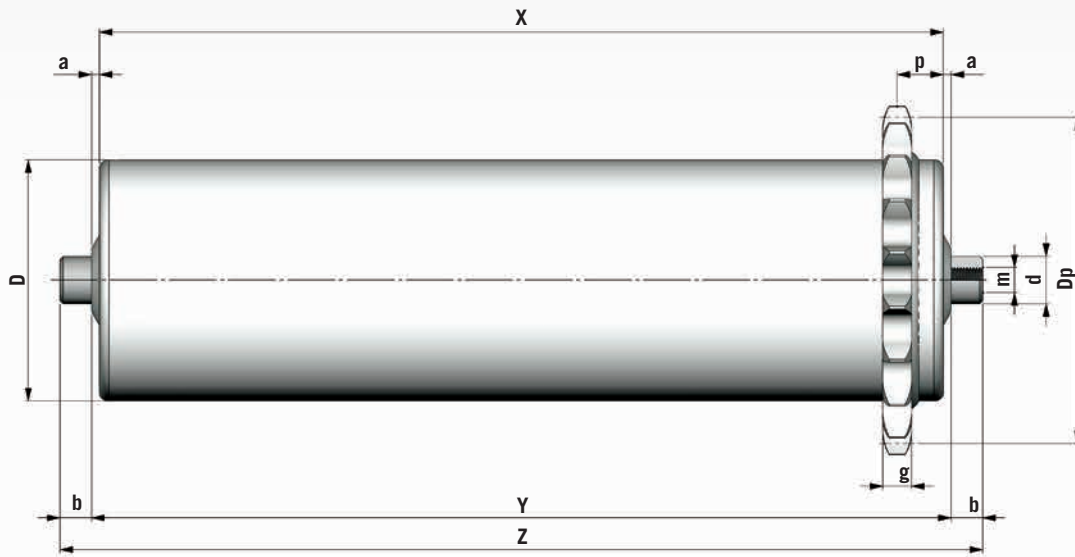
Rullo SIGMA 76/15 CE 1R 5/8” Z=20 A X=200 Y=208 Z=226 ch17



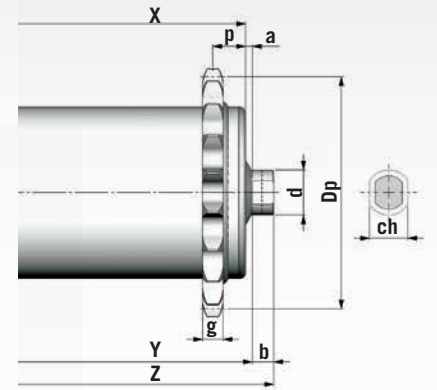
RULLO SIGMA 1R-1RD

SIGMA ROLLER 1R-1RD

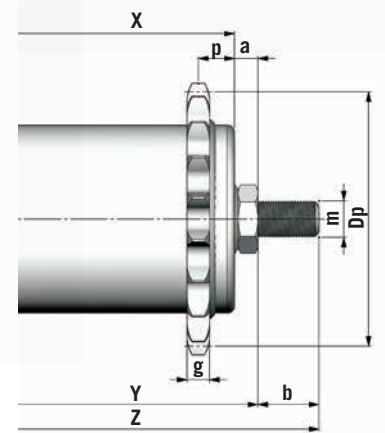
RULLO SIGMA 1R SIGMA ROLLER 1R



EXEC B2

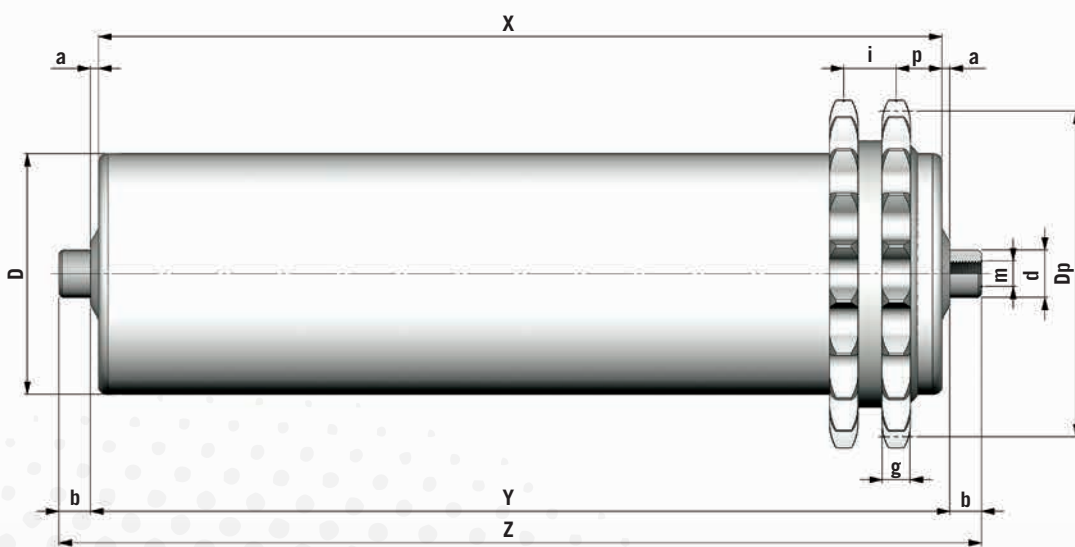


EXEC A

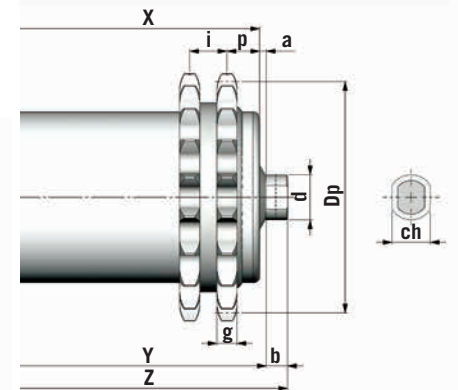


EXEC C

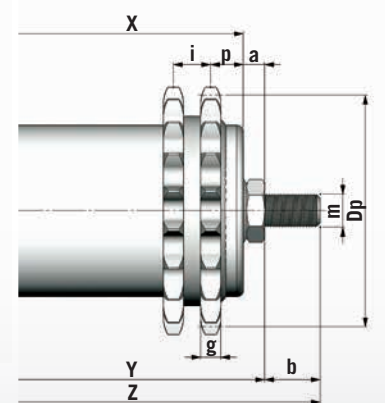
RULLO SIGMA 1RD SIGMA ROLLER 1RD



EXEC B2



EXEC A



EXEC C

RULLO SIGMA 1R-1RD

SIGMA ROLLER 1R-1RD

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	i	g	D	d	s	X=200	Al mm - Per mm
38/15	3/8" x 7/32"	17	51.83	A	4	9		17	8.5	10	5	38	15	2	0.933	0.00316
				B	4	12	10x15									
				C	12	25	14									
40/15	1/2" x 5/16"	14	57.07	A	4	9		17	10.5	14	7	40	15	3	1.142	0.00412
				B	4	12	10x15									
				C	12	25	14									
60/15	1/2" x 5/16"	20	81.19	A	4	9		17	8.5	14	7	60	15	3	1.677	0.00560
				B	4	12	10x15									
				C	12	25	14									
76/15	5/8" x 3/8"	20	101.49	A	4	9		17	11.5	16.5	8.8	76	15	3	2.091	0.00679
				B	4	12	10x15									
				C	12	25	14									
89/15	5/8" x 3/8"	23	116.58	A	4	9		17	10.5	16.5	8.8	89	15	3	2.382	0.00775
				B	4	12	10x15									
				C	12	25	14									
102/15	3/4" x 7/16"	21	127.82	A	4	9		17	14.5	19.5	10.8	102	15	3	2.612	0.00871
				B	4	12	10x15									
				C	12	25	14									
108/15	3/4" x 7/16"	21	127.82	A	4	9		17	14.5	19.5	10.8	108	15	3.5	2.981	0.01040
				B	4	12	10x15									
				C	12	25	14									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Tubo acciaio inox	Stainless steel tube
Posizioni corone diverse	Other gear positions
Zincatura a freddo	Cold galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento con gomma vulcanizzata	Vulcanized rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC sheath coating
Versione totalmente in acciaio inox	Complete stainless steel version
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)

● RULLO ● SIGMA 2R

● SIGMA ● ROLLER 2R

● PER ANELLI DI CATENA
● COMANDO ESTERNO
● FOR CHAIN LINK
● INNER DRIVE



RULLO SIGMA 2R

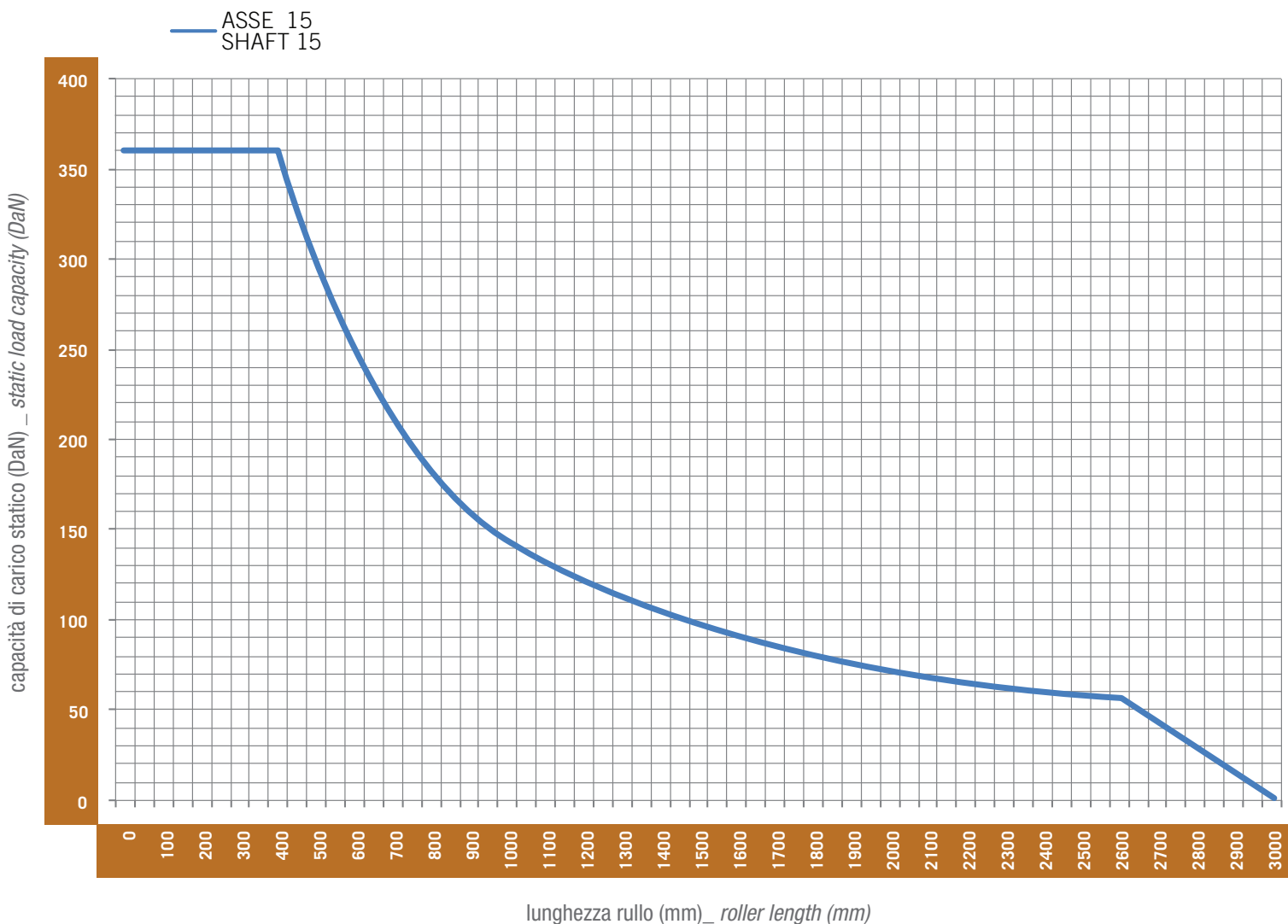
SIGMA ROLLER 2R

I rulli SIGMA "CE" sono indicati per il trasporto di carichi medi e pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6202 sono lubrificati a vita.

SIGMA CE rollers are suitable for conveying medium and heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. The crown sprockets are flush fitted and welded directly on the casing. Integral bearing protection is provided by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard. Type 6202 bearings are pre-lubricated and sealed for life.

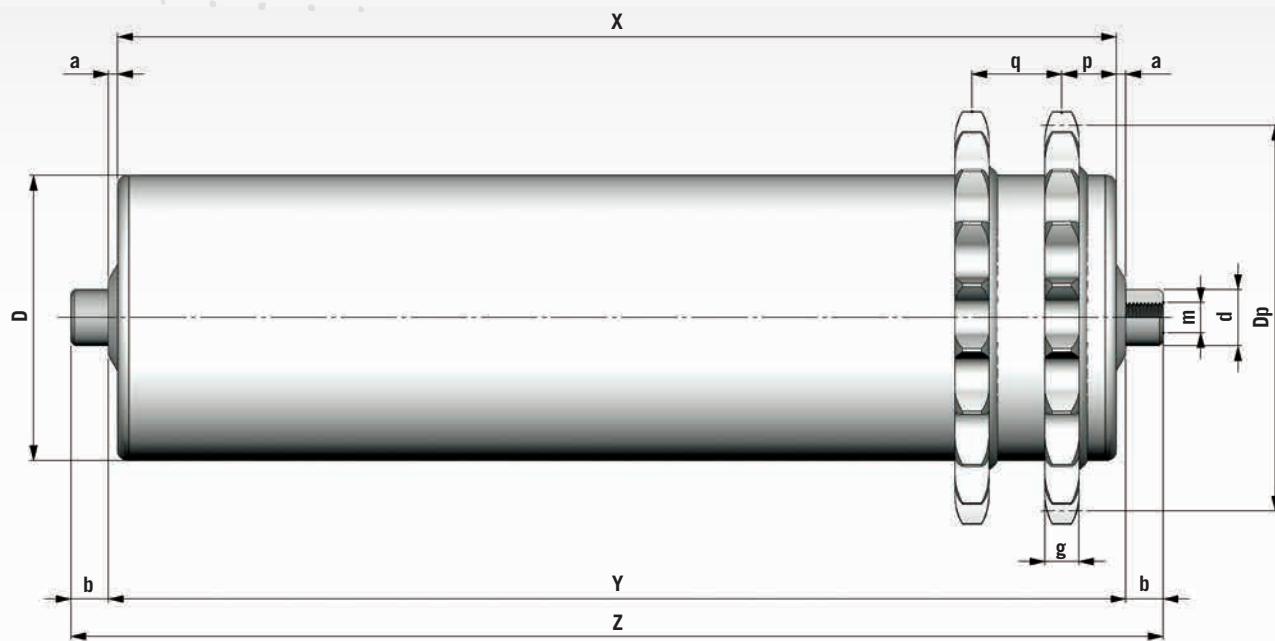
Esempio di designazione rullo - Example of roller designation code

Rullo SIGMA 76/15 CE 2R 5/8" Z=20 A X=200 Y=208 Z=226 ch17

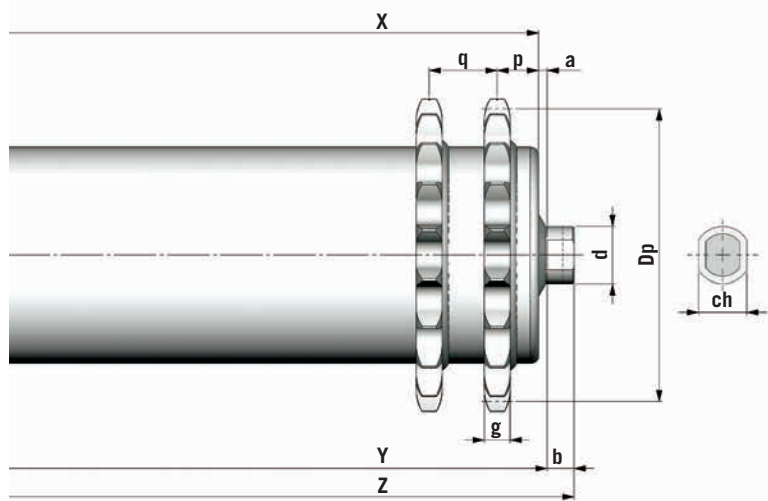


RULLO SIGMA 2R

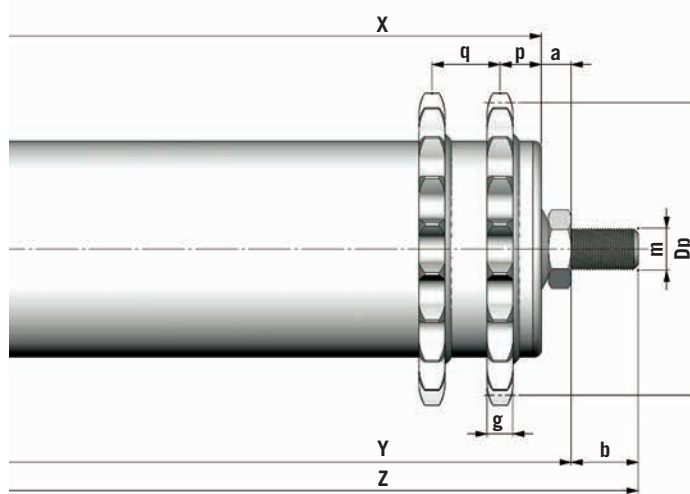
SIGMA ROLLER 2R



EXEC B2



EXEC A



EXEC C

RULLO SIGMA 2R

SIGMA ROLLER 2R

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	q	g	D	d	s	X=200	Al mm - Per mm
38/15	3/8" x 7/32"	17	51.83	A	4	9		17	8.5	17	5	38	15	2	0.959	0.00316
				B	4	12	10x15									
				C	12	25	14									
40/15	1/2" x 5/16"	14	57.07	A	4	9		17	10.5	21	7	40	15	3	1.186	0.00412
				B	4	12	10x15									
				C	12	25	14									
60/15	1/2" x 5/16"	20	81.19	A	4	9		17	8.5	21	7	60	15	3	1.777	0.00560
				B	4	12	10x15									
				C	12	25	14									
76/15	5/8" x 3/8"	20	101.49	A	4	9		17	11.5	24	8.8	76	15	3	2.304	0.00679
				B	4	12	10x15									
				C	12	25	14									
89/15	5/8" x 3/8"	23	116.58	A	4	9		17	10.5	24	8.8	89	15	3	2.632	0.00775
				B	4	12	10x15									
				C	12	25	14									
102/15	3/4" x 7/16"	21	127.82	A	4	9		17	14.5	33	10.8	102	15	3	2.826	0.00871
				B	4	12	10x15									
				C	12	25	14									
108/15	3/4" x 7/16"	21	127.82	A	4	9		17	14.5	33	10.8	108	15	3.5	3.195	0.01040
				B	4	12	10x15									
				C	12	25	14									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Tubo acciaio inox	Stainless steel tube
Posizioni corone diverse	Other gear positions
Zincatura a freddo	Cold galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento con gomma vulcanizzata	Vulcanized rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC sheath coating
Versione totalmente in acciaio inox	Complete stainless steel version
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)

● RULLO ● OMEGA ● IR-1RD

● OMEGA ● ROLLER ● IR-1RD

● PER CATENA
● TANGENZIALE
● COMANDO ESTERNO
● FOR TANGENTIAL
● CHAIN OUTER DRIVE



RULLO OMEGA 1R-1RD

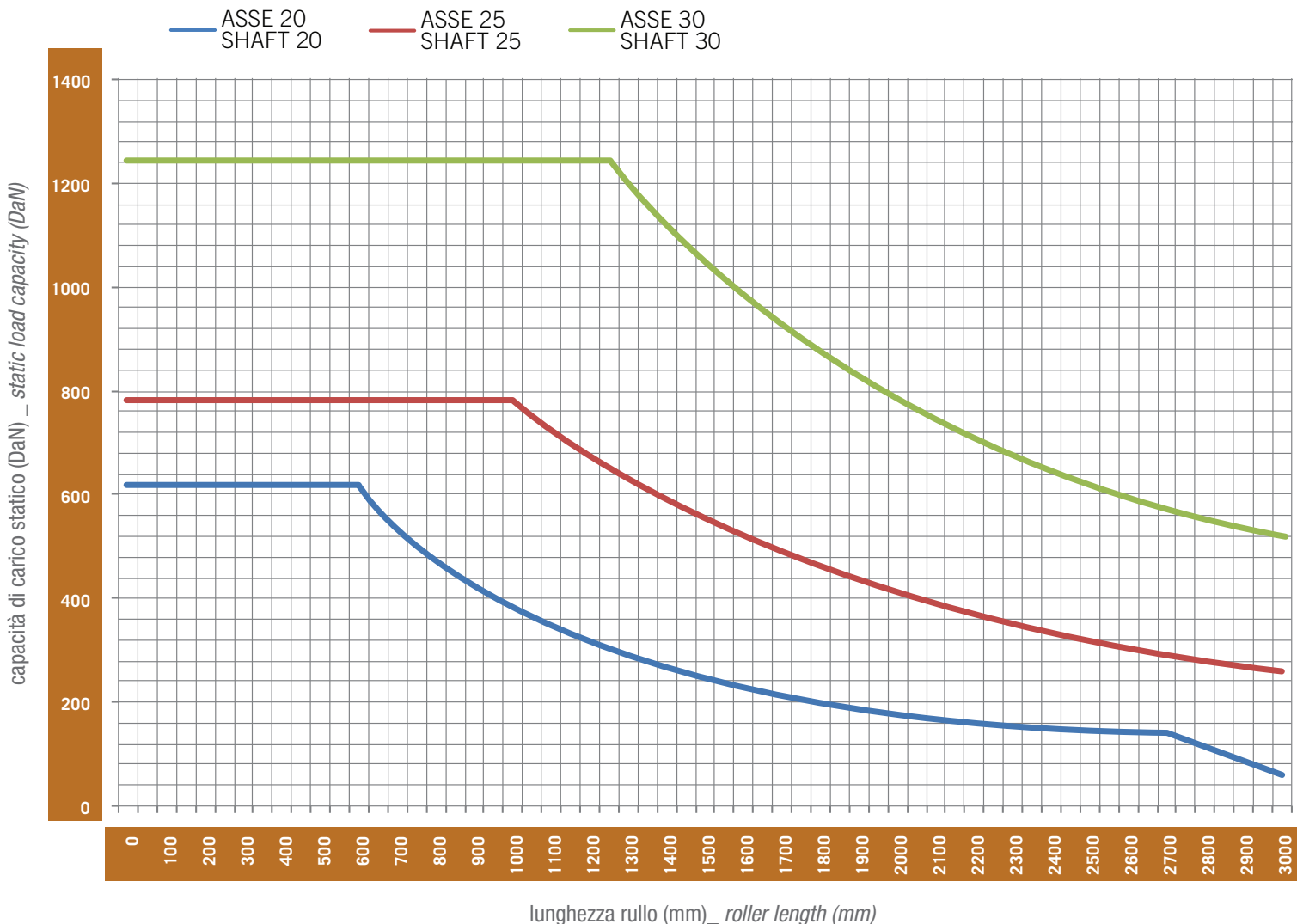
OMEGA ROLLER 1R-1RD

I rulli OMEGA "CE" sono indicati per il trasporto di carichi pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6204, 6205, 6206 sono lubrificati a vita.

OMEGA CE rollers are suitable for conveying heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. The crown sprockets are flush fitted and welded directly on the casing. Integral bearing protection is provided by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard. Type 6204, 6205, 6206 bearings are pre-lubricated and sealed for life.

Esempio di designazione rullo - Example of roller designation code

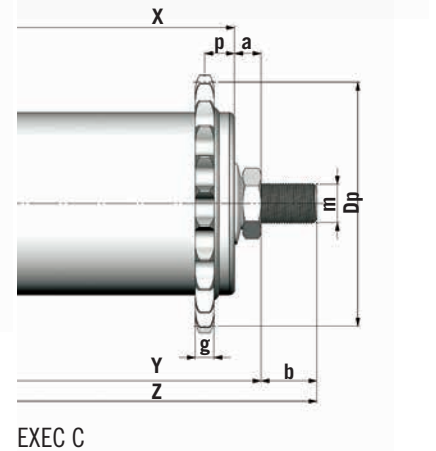
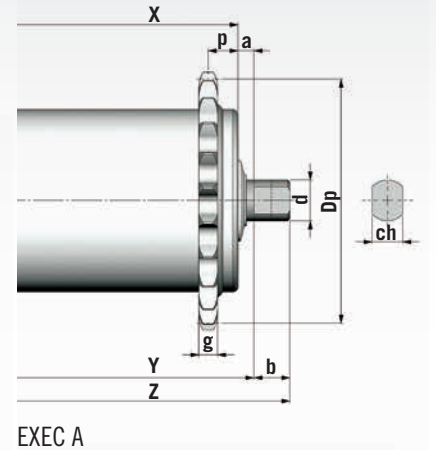
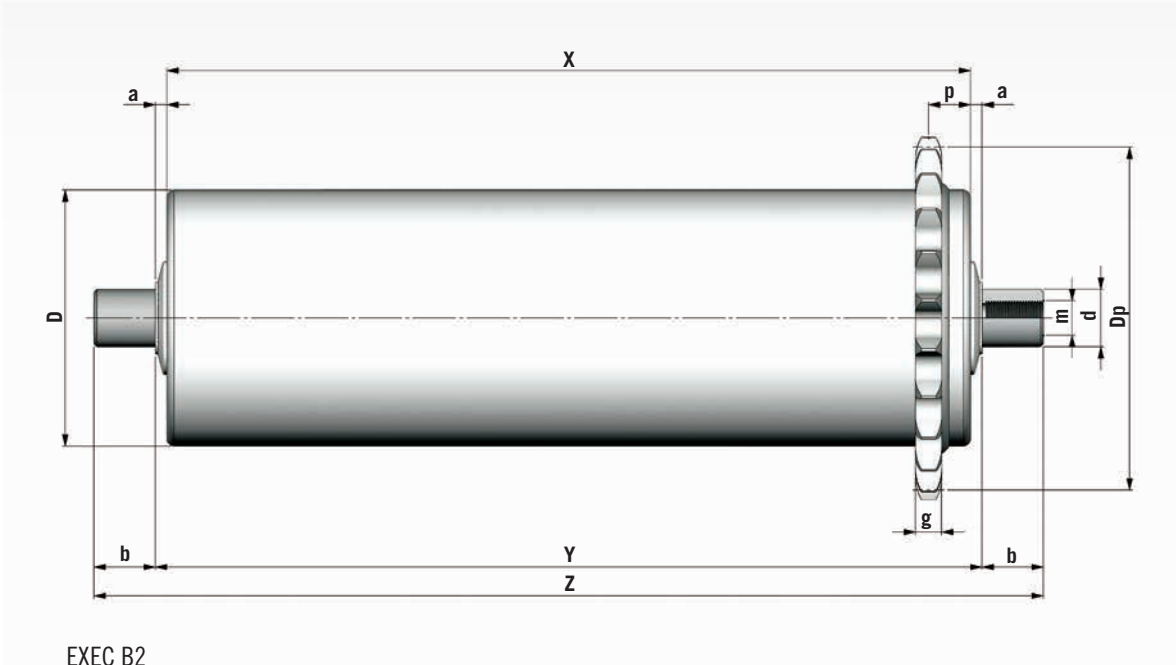
Rullo OMEGA 102/20 CE 1RD 3/4" Z=21 A X=200 Y=208 Z=226 ch15 ZINCATO



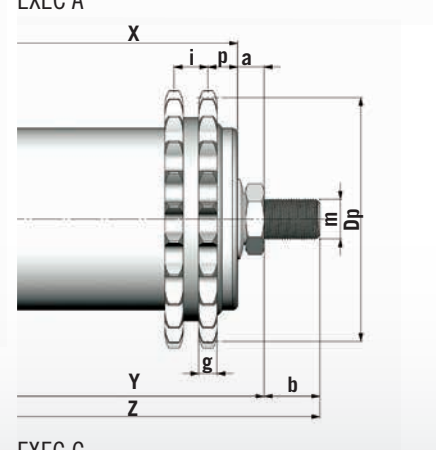
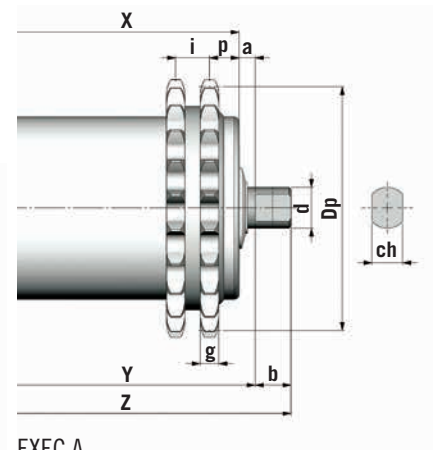
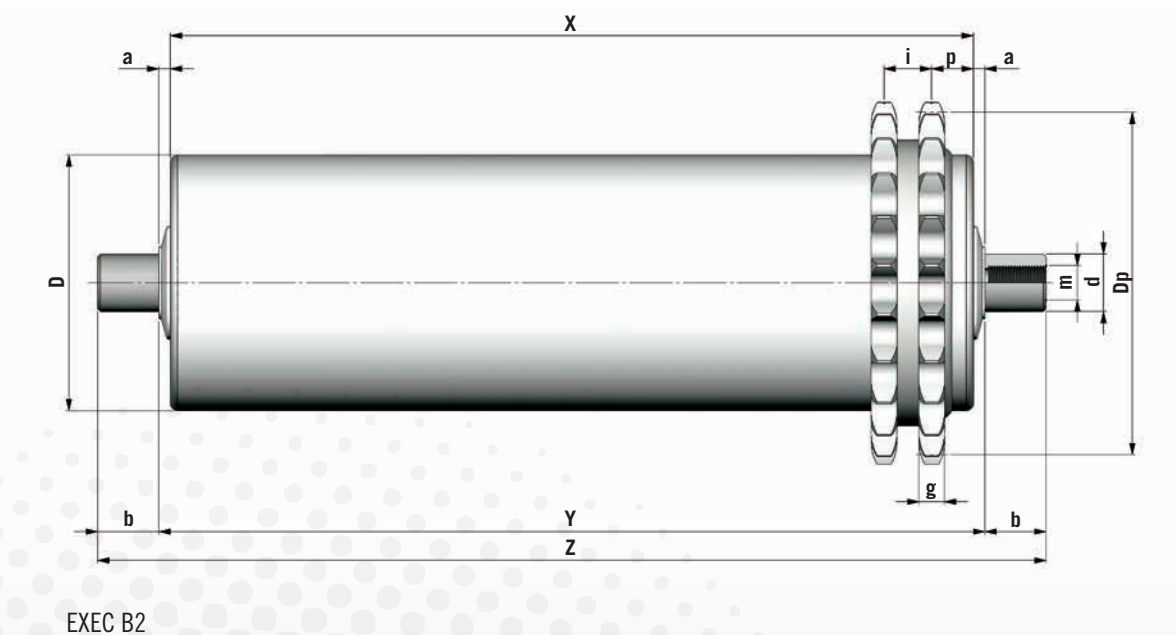
RULLO OMEGA 1R-1RD

OMEGA ROLLER 1R-1RD

RULLO OMEGA 1R OMEGA ROLLER 1R



RULLO OMEGA 1RD OMEGA ROLLER 1RD



RULLO OMEGA 1R-1RD

OMEGA ROLLER 1R-1RD

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	i	g	D	d	s	X=200	Al mm - Per mm
60/20	1/2" x 5/16"	20	81.19	A	4	9		15	8.5	14	7	60	20	3	2.208	0.00668
				B	4	15	12x20									
				C	13	30	20									
76/20	5/8" x 3/8"	20	101.49	A	4	9		15	11.5	16.5	8.8	76	20	3	2.618	0.00786
				B	4	15	12x20									
				C	13	30	20									
89/20	5/8" x 3/8"	23	116.58	A	4	9		15	11.5	16.5	8.8	89	20	3	2.895	0.00883
				B	4	15	12x20									
				C	13	30	20									
102/20	3/4" x 7/16"	21	127.82	A	4	9		15	14.5	19.5	10.8	102	20	3	3.125	0.00979
				B	4	15	12x20									
				C	13	30	20									
108/20	3/4" x 7/16"	21	127.82	A	4	9		15	14.5	19.5	10.8	108	20	3.5	3.494	0.01148
				B	4	15	12x20									
				C	13	30	20									
60/25	1/2" x 5/16"	20	81.19	A	4	12		18	10.5	14	7	60	25	5	3.004	0.01063
				B	4	20	16x20									
				C	14	35	24									
76/25	5/8" x 3/8"	20	101.49	A	4	12		18	11.5	16.5	8.8	76	25	3	3.245	0.00925
				B	4	20	16x20									
				C	14	35	24									
89/25	5/8" x 3/8"	23	116.58	A	4	12		18	11.5	16.5	8.8	89	25	3	3.550	0.01021
				B	4	20	16x20									
				C	14	35	24									
102/25	3/4" x 7/16"	21	127.82	A	4	12		18	14.5	19.5	10.8	102	25	3	3.782	0.01117
				B	4	20	16x20									
				C	14	35	24									
108/25	3/4" x 7/16"	21	127.82	A	4	12		18	14.5	19.5	10.8	108	25	3.5	4.177	0.01287
				B	4	20	16x20									
				C	14	35	24									
89/30	5/8" x 3/8"	23	116.58	A	4	12		22	11.5	16.5	8.8	89	30	3	4.615	0.01191
				B	4	25	20x25									
				C	16	40	30									
102/30	3/4" x 7/16"	21	127.82	A	4	12		22	14.5	19.5	10.8	102	30	3	4.877	0.01287
				B	4	25	20x25									
				C	16	40	30									
108/30	3/4" x 7/16"	21	127.82	A	4	12		22	14.5	19.5	10.8	108	30	3.5	5.268	0.01456
				B	4	25	20x25									
				C	16	40	30									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shaft
Tubo acciaio inox	Stainless steel tube
Corone in acciaio inox	Stainless steel gear
Posizioni corone diverse	Other gears positions
Zincatura a freddo	Cold galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento con gomma vulcanizzata	Vulcanized rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC sheath coating
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)

● RULLO ● OMEGA 2R

● OMEGA ● ROLLER 2R

● PER ANELLI DI CATENA
● COMANDO ESTERNO
● FOR CHAIN LINK
● OUTER DRIVE



RULLO OMEGA 2R

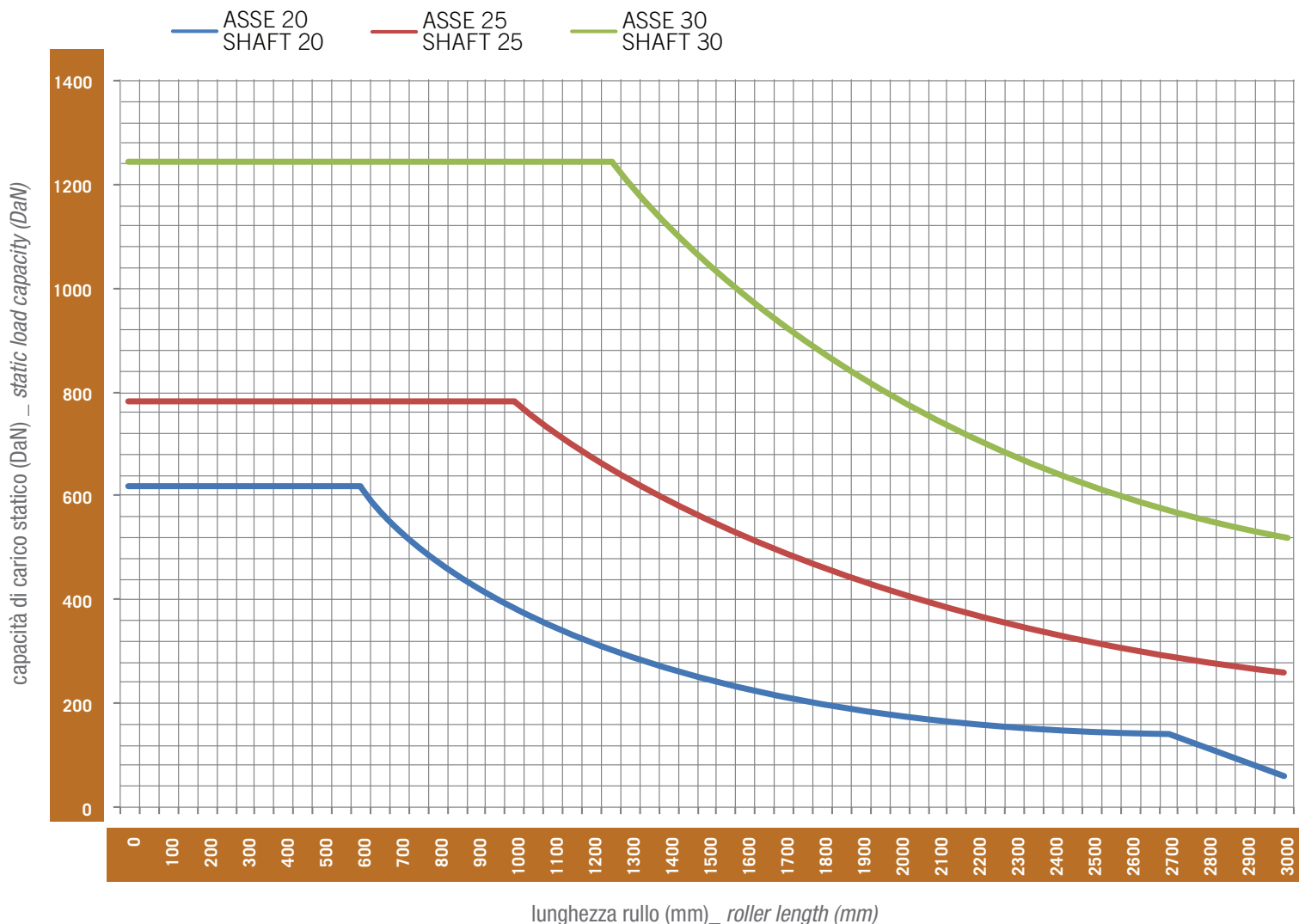
OMEGA ROLLER 2R

I rulli OMEGA "CE" sono indicati per il trasporto di carichi pesanti, anche in condizioni ambientali severe. Mantello a corpo unico, con tubo e sedi cuscinetto saldati. Le ruote dentate sono calettate e saldate direttamente sul mantello del rullo. La protezione integrale del cuscinetto è fornita da un triplice labirinto, da un anello a labbro in gomma antiabrasiva e schermo protettivo supplementare. I cuscinetti tipo 6204, 6205, 6206 sono lubrificati a vita.

OMEGA CE rollers are suitable for conveying heavy loads, even in harsh environmental conditions. One piece casing, with welded tube and housed bearing. The crown sprockets are flush fitted and welded directly on the casing. Integral bearing protection is provided by triple labyrinth, an anti-abrasive rubber lip ring, and additional screen guard. Type 6204, 6205, 6206 bearings are pre-lubricated and sealed for life.

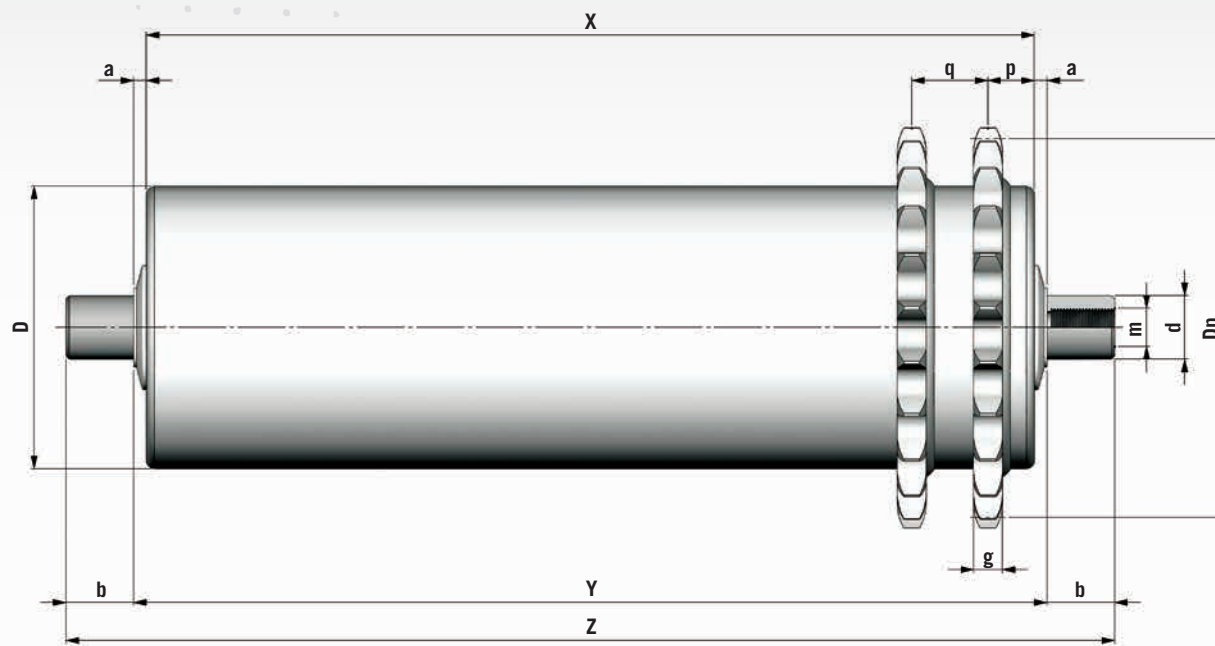
Esempio di designazione rullo - Example of roller designation code

Rullo OMEGA 89/20 CE 2R 5/8" Z=23 A X=200 Y=208 Z=226 ch17

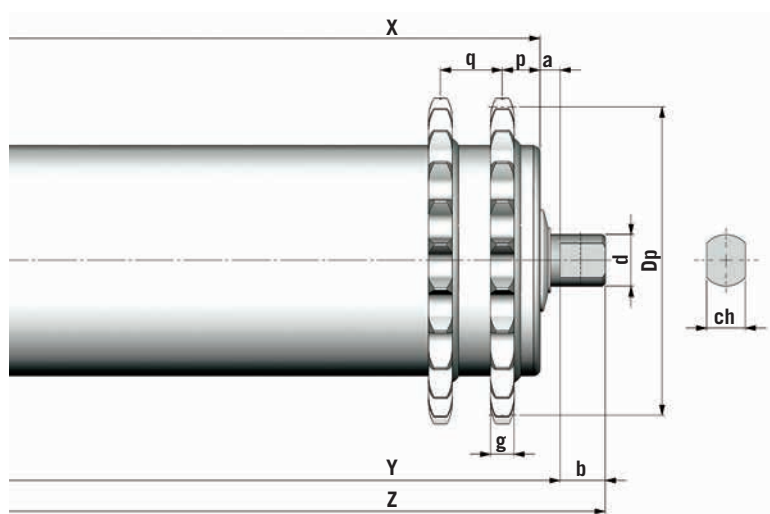


RULLO OMEGA 2R

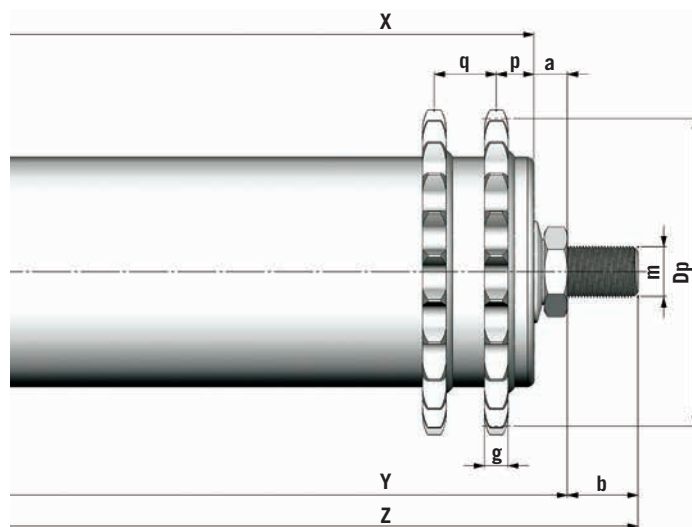
OMEGA ROLLER 2R



EXEC B2



EXEC A



EXEC C

RULLO OMEGA 2R

OMEGA ROLLER 2R

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS										PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	q	g	D	d	s	X=200	Al mm - Per mm
60/20	1/2" x 5/16"	20	81.19	A	4	9		15	8.5	21	7	60	20	3	2.308	0.00668
				B	4	15	12x20									
				C	13	30	20									
76/20	5/8" x 3/8"	20	101.49	A	4	9		15	11.5	24	8.8	76	20	3	2.831	0.00786
				B	4	15	12x20									
				C	13	30	20									
89/20	5/8" x 3/8"	23	116.58	A	4	9		15	11.5	24	8.8	89	20	3	3.145	0.00883
				B	4	15	12x20									
				C	13	30	20									
102/20	3/4" x 7/16"	21	127.82	A	4	9		15	14.5	33	10.8	102	20	3	3.339	0.00979
				B	4	15	12x20									
				C	13	30	20									
108/20	3/4" x 7/16"	21	127.82	A	4	9		15	14.5	33	10.8	108	20	3.5	3.708	0.01148
				B	4	15	12x20									
				C	13	30	20									
60/25	1/2" x 5/16"	20	81.19	A	4	12		18	10.5	21	7	60	25	5	3.104	0.01063
				B	4	20	16x20									
				C	14	35	24									
76/25	5/8" x 3/8"	20	101.49	A	4	12		18	11.5	24	8.8	76	25	3	3.458	0.00925
				B	4	20	16x20									
				C	14	35	24									
89/25	5/8" x 3/8"	23	116.58	A	4	12		18	11.5	24	8.8	89	25	3	3.800	0.01021
				B	4	20	16x20									
				C	14	35	24									
102/25	3/4" x 7/16"	21	127.82	A	4	12		18	14.5	33	10.8	102	25	3	3.996	0.01117
				B	4	20	16x20									
				C	14	35	24									
108/25	3/4" x 7/16"	21	127.82	A	4	12		18	14.5	33	10.8	108	25	3.5	4.391	0.01287
				B	4	20	16x20									
				C	14	35	24									
89/30	5/8" x 3/8"	23	116.58	A	4	12		22	11.5	24	8.8	89	30	3	4.865	0.01191
				B	4	25	20x25									
				C	16	40	30									
102/30	3/4" x 7/16"	21	127.82	A	4	12		22	14.5	33	10.8	102	30	3	5.091	0.01287
				B	4	25	20x25									
				C	16	40	30									
108/30	3/4" x 7/16"	21	127.82	A	4	12		22	14.5	33	10.8	108	30	3.5	5.482	0.01456
				B	4	25	20x25									
				C	16	40	30									

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio inox	Stainless steel shaft
Tubo acciaio inox	Stainless steel tube
Corone in acciaio inox	Stainless steel gear
Posizioni corone diverse	Other gears positions
Zincatura a freddo	Cold galvanization
Carbonitrurazione	Carbonitriding
Rilsanizzazione	Rilsan coating
Rivestimento con gomma vulcanizzata	Vulcanized rubber coating
Rivestimento con poliuretano	Polyurethane coating
Rivestimento con guaina in PVC	PVC sheath coating
Versione per alte temperature (fino a 350°)	High temperature version (up to 350°)

● RULLO GAMMA ● IRL-IRLP

● GAMMA ROLLER ● IRL-IRLP

- RUOTA LIBERA
- COMANDO INTERNO
- FREE WHEEL
- INNER DRIVE



RULLO GAMMA IRL-IRLP

GAMMA ROLLER IRL-IRLP

I rulli GAMMA con ruota libera "RL" trovano applicazione in corsie di accelerazione e decelerazione o, più in generale, quando il collo trasportato viene immesso o prelevato dalla rulliera con velocità maggiore di quella imposta dalla motorizzazione.

Il comando a ruota libera consente il comando in un'unica direzione mantenendo libera l'altra. Può essere applicato al rullo in entrambi i sensi di marcia: si definisce destra quando il senso di trasporto è a destra (senso di rotazione orario) e sinistra nel caso opposto.

Può essere fornito con una ruota dentata per trasmissione a catena (RL) o con una puleggia per la trasmissione con cinghia piana (RLP).

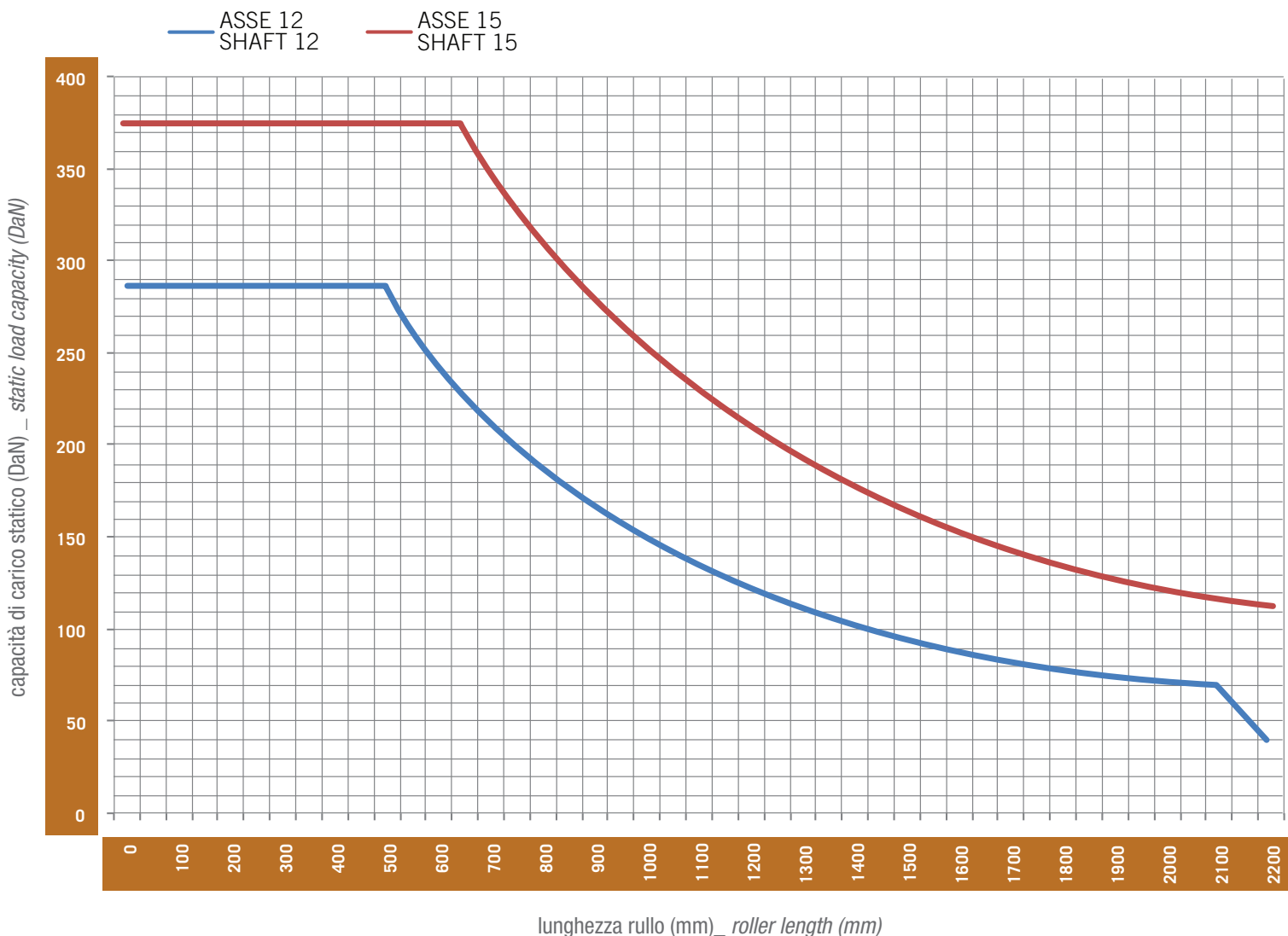
GAMMA rollers with free wheel "RL" are used for accelerating and decelerating lanes or, generally, when the conveyed package is put on or taken off the roller conveyor at speeds greater than the speed set by the power drive.

The free wheel drive controls only one direction while the other is free. This can be used on the roller in both travel directions: right when conveying is to the right (clockwise) and left when in the opposite direction.

The system can be supplied with a sprocket for chain drive (RL) or with a pulley for flat belt drive (RLP).

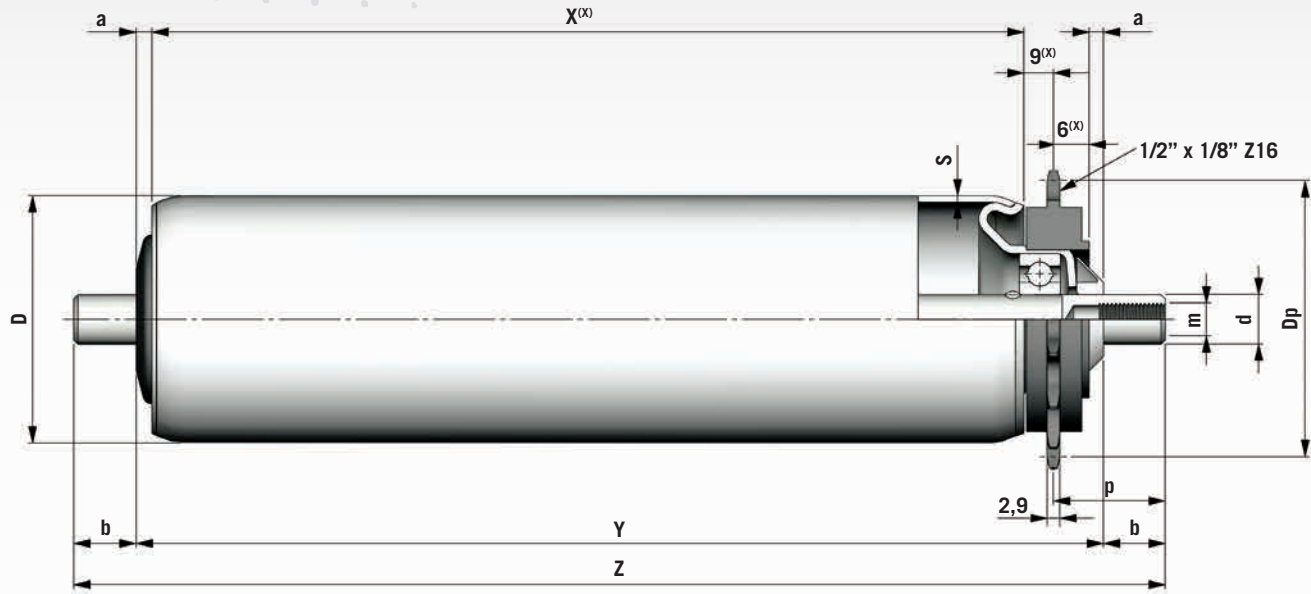
Esempio di designazione rullo - Example of roller designation code

Rullo GAMMA 76/12 C RL X=800 Y=835 Z=875 M12 ZINCATO

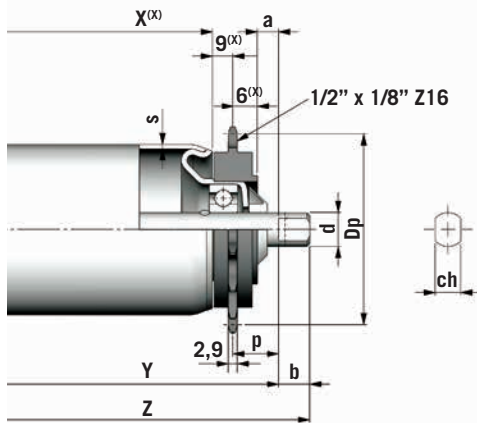


RULLO GAMMA IRL-IRLP

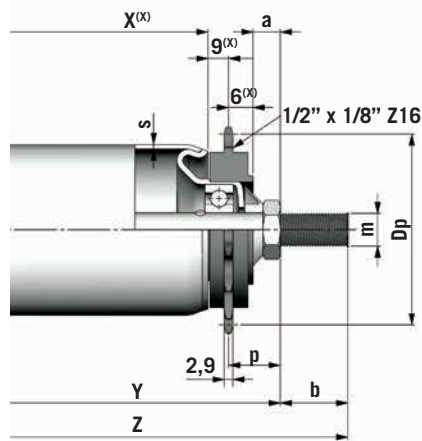
GAMMA ROLLER IRL-IRLP



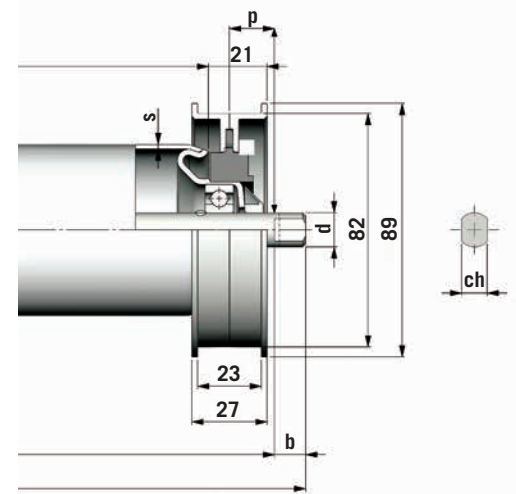
EXEC B2



EXEC A



EXEC C



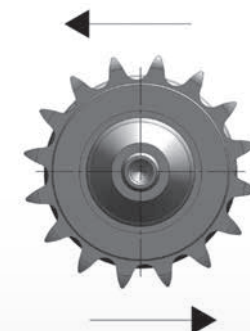
EXEC A CON PULEGGIA
EXEC A WITH PULLEY

$X^{(0)}$: La quota X nella direzione di trasporto SX è inferiore di 2 mm rispetto a quella DX
 $X^{(0)}$: The X dimension in the SX transport direction is 2 mm smaller than in the DX

$6^{(0)}$: Per diametro $\varnothing 76$ misura = 11 mm
 $6^{(0)}$: For the $\varnothing 76$ diameter the dimension is equal to 11 mm

$9^{(0)}$: Per diametro $\varnothing 76$ misura = 10,5 mm
 $9^{(0)}$: For the $\varnothing 76$ diameter the dimension is equal to 10,5 mm

Direzione SX - senso antiorario
SX direction - counter-clockwise



Direzione DX - senso orario
DX direction - clockwise

RULLO GAMMA IRL-IRLP

GAMMA ROLLER IRL-IRLP

TIPO TYPE	PASSO CATENA CHAIN PITCH	N° DENTI Z N. TEETH Z	Dp	ESEC. ASSE SHAFT CONFIG.	DIMENSIONI - DIMENSIONS								PESO (kg) WEIGHT (KG)	
					a	b	m	ch	p	D	d	s	X=200	Al mm - Per mm
50/12	1/2" x 1/8"	16	65.10	A	5	10		10	12.5	50	12	1.5	0.900	0.00268
				B	3	10	8x15	20.5						
				C	10	20	12	17.5						
60/12	1/2" x 1/8"	16	65.10	A	5	10		10	12.5	60	12	1.5	1.151	0.00375
				B	3	10	8x15	20.5						
				C	10	20	12	17.5						
76/12	1/2" x 1/8"	16	65.10	A	5	10		10	17.5	76	12	2	1.303	0.00418
				B	3	10	8x15	25.5						
				C	10	20	12	22.5						
50/15	1/2" x 1/8"	16	65.10	A	5	10		12	12.5	50	15	1.5	1.055	0.00318
				B	3	10	10x15	20.5						
				C	11	25	14	18.5						
60/15	1/2" x 1/8"	16	65.10	A	5	10		12	12.5	60	15	1.5	1.306	0.00425
				B	3	10	10x15	20.5						
				C	11	25	14	18.5						
76/15	1/2" x 1/8"	16	65.10	A	5	10		12	17.5	76	15	2	1.464	0.00468
				B	4	10	10x15	25.5						
				C	12	25	14	23.5						

ESECUZIONI A RICHIESTA	AVAILABLE OPTIONS
Esecuzioni assi diverse	Other shaft configurations
Asse acciaio zincato	Galvanized steel shaft
Asse acciaio inox	Stainless steel shaft
Tubo acciaio zincato	Galvanized steel tube
Tubo acciaio inox	Stainless steel tube
Cuscinetti 2RS	2RS bearings
Cuscinetti acciaio inox	Stainless steel bearings
Rivestimento con guaina in PVC	PVC sheath coating
Rivestimento con guaina in gomma	Rubber sheath coating

● RULLO ● GAMMA 16-26

● GAMMA ● ROLLER 16-26

● PER CINGHIE TOROIDALI
● CON GOLE
● FOR ROUND BELT
● WITH GROOVES



RULLO GAMMA 1G-2G GAMMA ROLLER 1G-2G

I rulli GAMMA con gole per cinghie toroidali sono adatti alla realizzazione di trasportatori motorizzati ad alte velocità. Garantiscono un'elevata silenziosità. Le gole sono ricavate direttamente sul mantello.

GAMMA rollers with grooves for round belt are suitable for higher speed power driven conveyors. They guarantee high noise. Grooves are directly on the casing.

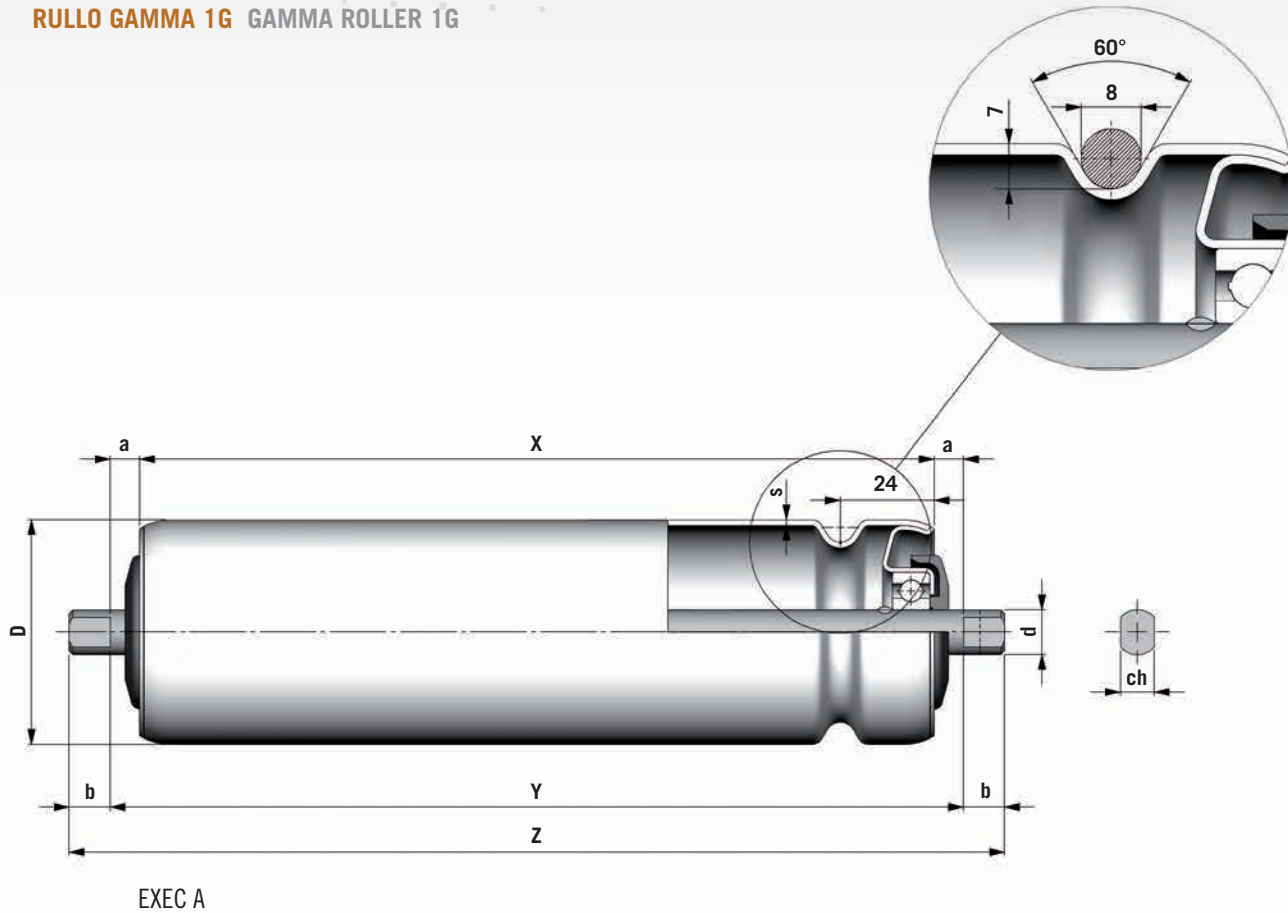
Esempio di designazione rullo - *Example of roller designation code*

Rullo GAMMA	76/12	B2	1G	X=400	Y=406	Z=426	M8x15	ZINCATO
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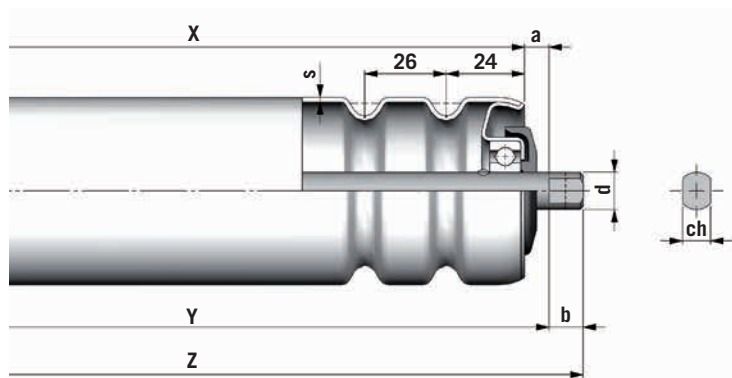
RULLO GAMMA 1G-2G

GAMMA ROLLER 1G-2G

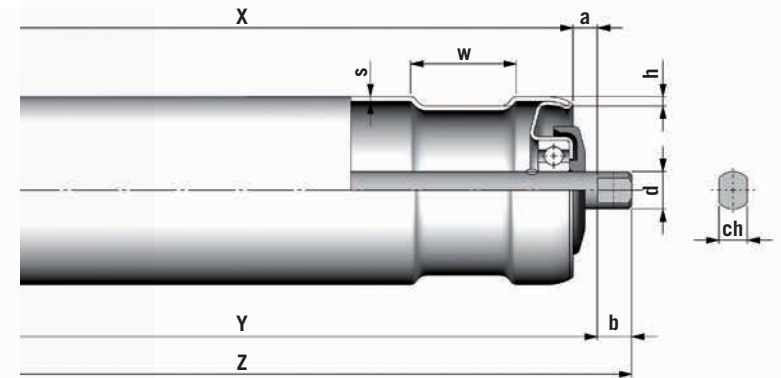
RULLO GAMMA 1G GAMMA ROLLER 1G



RULLO GAMMA 2G GAMMA ROLLER 2G



RULLO GAMMA GOLA PIANA GAMMA ROLLERS FLAT GROOVES



ESECUZIONI A RICHIESTA

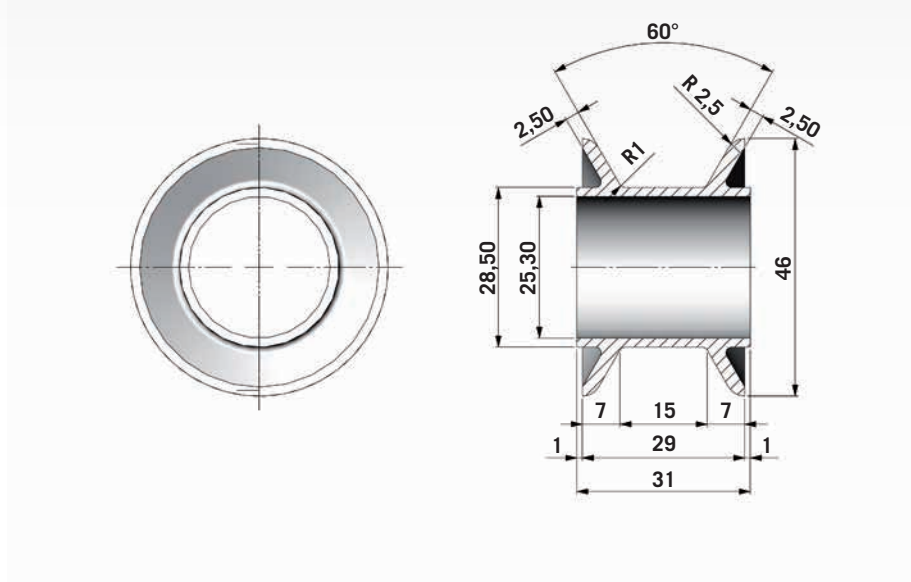
Posizione gole diverse
Sagome delle gole diverse
Esecuzione su rulli di qualsiasi serie fino a $\varnothing 89$

AVAILABLE OPTIONS

Different groove positioning
Different shaped grooves
Configuration on rollers of any series up to $\varnothing 89$

PULEGGE PER CINGHIE TOROIDALI PULLEYS FOR ROUND BELTS

PULEGGIA IN NYLON Ø 48/25 PER RULLI FRIZIONATI CON GOLA NYLON PULLEY Ø 48/25 FOR FRICTION ROLLERS WITH GROOVES



PULEGGIA IN DELRIN Ø 56/30 PER RULLI FRIZIONATI CON GOLA DELRIN PULLEY Ø 56/FOR FRICTION ROLLERS WITH GROOVES

