#### Introduction

The objective of this letter is to summarise the nomenclature used by SKF toward its line of power transmission products, complementing the information already covered in the "SKF Power transmission products" catalogue (publication 11015) and its on-line version available on www.skfptp.com.

In addition, it is worth emphasizing that all SKF power transmission products are fully interchangeable with products from other common brands available in the market place.

Please contact your local SKF Authorised Distributor in case of any further questions related to SKF Power transmission products.



### SKF classical belts

Example:	PHG	<u>Z</u>	<u>36,5</u>
SKF Prefix			
Z A B C D	10 millimetre (belt width) wrapped type 13 millimetre (belt width) wrapped type 17 millimetre (belt width) wrapped type 22 millimetre (belt width) wrapped type 32 millimetre (belt width) wrapped type 38 millimetre (belt width) wrapped type		
ZX AX BX CX	10 millimetre (belt width) cogged raw edge type 13 millimetre (belt width) cogged raw edge type 17 millimetre (belt width) cogged raw edge type 22 millimetre (belt width) cogged raw edge type		
36,5	Belt length in inches		

# SKF (narrow) wedge belts

Example:	<u>P H G</u>	<u>SPZ</u>	<u>1347</u>	XΡ
SKF Prefix				
SPZ SPA SPB SPC	9,7 millimetre (belt width) wrapped type 12,7 millimetre (belt width) wrapped type 16,3 millimetre (belt width) wrapped type 22 millimetre (belt width) wrapped type			
XPZ XPA XPB XPC	9,7 millimetre (belt width) cogged type 12,7 millimetre (belt width) cogged type 16,3 millimetre (belt width) cogged type 22 millimetre (belt width) cogged type			
3V 5V 8V	Wrapped belt with 3V/9J section (belt width) Wrapped belt with 5V/15J section (belt width) Wrapped belt with 8V/25J section (belt width)			
3VX 5VX	Cogged raw edge belt with 3VX/9NX section (belt width) Cogged raw edge belt with 5VX/15NX section (belt width)			
1347 250	Belt length in millimetres (SPZ,SPA,SPB,SPC,XPZ,XPA,XPB,XPC) Belt length in inches (3V,5V,8V,3VX,5VX)			
XP	Xtra Performance Belts (for wrapped belts, if applicable)			



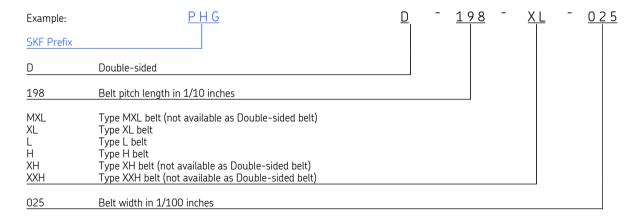
#### SKF HiTD belts

Example:	<u>P H G</u>	DA	-	<u>670</u>	-	<u>5 M</u>	-	<u>25</u>
SKF Prefix								
DA	Symmetric double-sided HiTD belt (only if applicable)							
670	Belt pitch length in millimetres							
3M 5M 8M 14M	Type 3M belt (3 millimetre distance between teeth) Type 5M belt (5 millimetre distance between teeth) Type 8M belt (8 millimetre distance between teeth) Type 14M belt (14 millimetre distance between teeth)							
25	Belt width in millimetres							

## SKF double classical (hex) belts

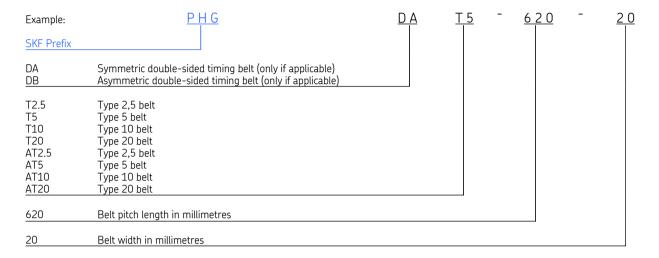
Example:	PHG	AA	<u>103</u>
SKF Prefix			
AA BB CC	AA/HAA Section Double V-belt BB/HBB Section Double V-belt CC/HCC Section Double V-belt		
103	Belth length in inches		

### SKF classical timing belts

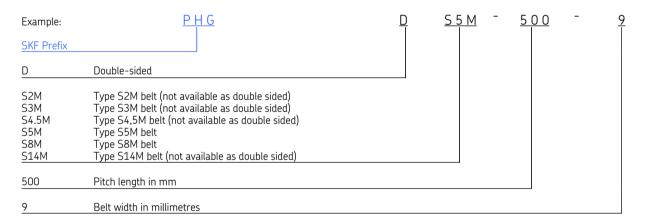




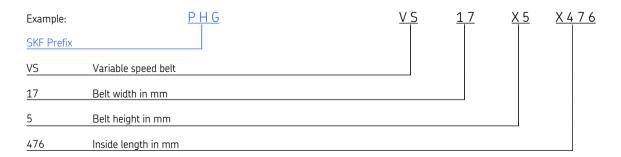
#### SKF metric timing belts



### SKF super torque timing belts



### SKF variable speed belts





### SKF ribbed belts

Example:	PHG	4	ΡJ	<u>1310</u>
SKF Prefix				
4	No. of ribs			
PJ PK PL PM	Type PJ belt Type PK belt Type PL belt Type PM belt			
1310	Belth length in millimetres		_	

### SKF banded belts

Example:	PHG	<u>S P B</u>	2000	<u>X 4</u>
SKF Prefix				
SPA SPB SPC A B C D 3V 5V	12,7 millimetre wedge belt 16,3 millimetre wedge belt 22 millimetre wedge belt 13 millimetre classical V-belt 17 millimetre classical V-belt 22 millimetre classical V-belt 32 millimetre classical V-belt 9 millimetre narrow wedge belt 15 millimetre narrow wedge belt 25 millimetre narrow wedge belt			
2000	Belt length in millimetres or inches			
4	No. of joint belts			



# Pulleys

## SKF classical V-belt pulleys

Example:	<u> </u>	<u>2</u>	-	<u>B</u>	<u>3 4</u>	<u>T B</u>
SKF Prefix						
2	No. of grooves					
A B C D	Belt type A profile Belt type B profile Belt type C profile Belt type D profile					
34	Pulley pitch diameter					
TB	Bushing type (tapered bushed or QD bushed)					

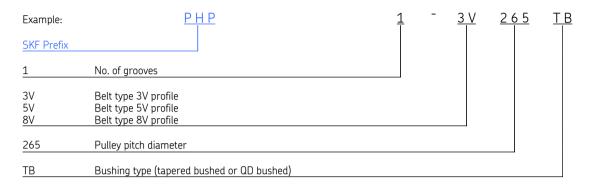
# SKF wedge belt pulleys

Example:	<u>P H P</u>	1	<u>S P Z</u>	<u>5 0</u>	<u>T B</u>
SKF Prefix	x				
1	No. of grooves				
SPA SPB SPC SPZ	Belt type SPA profile Belt type SPB profile Belt type SPC profile Belt type SPZ profile				
50	Pulley pitch diameter				
TB	Tapered bushed				



# Pulleys

## SKF narrow wedge belt pulleys



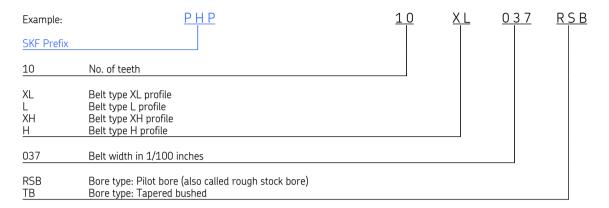
# SKF HiTD pulleys

Example:	PHP	<u>10</u>	-	<u>3 M</u>	-	<u>0 9</u>	<u>R S B</u>
SKF Prefix							
10	No. of teeth						
3M 5M 8M 14M	Belt type 3M profile (3 millimetre distance between teeth) Belt type 5M profile (5 millimetre distance between teeth) Belt type 8M profile (8 millimetre distance between teeth) Belt type 14M profile (14 millimetre distance between teeth)						
09	Belt width in millimetre						
RSB TB	Bore type: Pilot bore (also called rough stock bore) Bore type: Tapered bushed						



## **Pulleys**

## SKF classical timing pulleys



# SKF metric timing pulleys

Example:	PHP	<u>16</u>	-	<u>T2.5</u>	-	<u>10</u>	<u>R S B</u>
SKF Prefix							
16	Pulley width in millimetre						
T2.5 T5 T10 AT5 AT10	Belt type T2.5 profile Belt type T5 profile Belt type T10 profile Belt type AT5 profile Belt type AT10 profile						
10	No. of teeth						
RSB	Bore type: Pilot bore (also called rough stock bore)						



### Chains

# SKF chains (BS-ISO or ANSI)

Example:	<u>P H C</u>	<u>80-</u>	<u>-1</u>	<u>C</u>	<u>X10FT</u>
SKF Prefix					
80-1 10B-1 40H-1 25SH-1 80SPH-1 80SHH-1 08B-15LR 40-15B 08B-1HP C06A-1 2040 CL06-13.5 C4-120 A0 16S-1 AL322 BL422 FL644 LL0822 1256 C2040 M20A50 81X 3939-B4	Roller chain (ANSI Chain No) Roller chain (BS/ISO Chain No) SKF Xtra Strength H Chain (ANSI Chain No) SKF Xtra Strength SH Chain (Chain No) SKF Xtra Strength SPH Chain (Chain No) SKF Xtra Strength SHH Chain (Chain No) SKF Xtra Strength SHH Chain (Chain No) SKF Xtra Performance SLR Chain (Chain No) Side bow roller chain (Chain No) Hollow pin (Chain No) Straight side plate chain (ISO Chain No) Double pitch transmission chain (Ansi Chain No) Flank contact silent chain (Chain No) Crotch contact silent chain (Chain No) PIV (Self forming tooth) chain (Chain No) Oilfield chain (Chain No) Leaf chain (Ansi Chain No) Leaf chain (Ansi Chain No) Leaf chain (BS/ISO Chain No) Leaf chain (BS/ISO Chain No) Conveyor chain, double pitch, C-series (ANSI Chain No) Conveyor chain, M-series (BS/ISO Chain No) Conveyor chain, Lumber (Chain No)				
C SS DR NP ZP	Cottered Stainless steel chain (SKF Xtra Corrosion Resistant chain) Dacrotised chain (SKF Xtra Corrosion Resistant chain) Nickel-plated (SKF Xtra Corrosion Resistant chain) Zinc-plated (SKF Xtra Corrosion Resistant chain)				
10FT 5MTR	Chain length in feet Chain length in metres			_	



### Chains

### SKF chain attachments

Example:	PHC	<u>80</u>	<u>-1</u>	<u>S S</u>	<u>L 2</u>	WSA2	X10FT
SKF Prefix							
80-1 10B-1 40H-1 25SH-1 80SPH-1 80SHH-1 08B-1SLR 08B-1HP C06A-1 2040 16S-1 C2040 M20A50 81X 3939-B4	Roller chain (ANSI Chain No) Roller chain (BS/ISO Chain No) SKF Xtra Strength H Chain (ANSI Chain No) SKF Xtra Strength SH Chain (Chain No) SKF Xtra Strength SPH Chain (Chain No) SKF Xtra Strength SHH Chain (Chain No) SKF Xtra Strength SHH Chain (Chain No) SKF Xtra Performance SLR Chain (Chain No) Hollow pin (Chain No) Straight side plate chain (ISO Chain No) Double pitch transmission chain (Ansi Chain No) Oilfield chain (Chain No) Conveyor chain, double pitch, C-series (ANSI Chain No) Conveyor chain, M-series (BS/ISO Chain No) Conveyor chain, Lumber (Chain No) Conveyor chain, 3939 series (Chain No)						
C SS DR NP ZP	Cottered Stainless steel chain (SKF Xtra Corrosion Resistant chain) Dacrotised chain (SKF Xtra Corrosion Resistant chain) Nickel-plated (SKF Xtra Corrosion Resistant chain) Zinc-plated (SKF Xtra Corrosion Resistant chain)						
L2	No. of attachments per link						
A1,A2 AA1,AA2 WA1,WA2 K1,K2 KK1,KK2 WK1,WK2 SA1,SA2 WSA1,WSA2 SK1,SK2 WSK1,WSK2	Attachment type: Bent plate one side Attachment type: Bent plate one side (conveyor chains only) Attachment type: Bent plate one side (roller chain only) Attachment type: Bent plate both side Attachment type: Bent plate both side (conveyor chains only) Attachment type: Bent plate both side (roller chain only) Attachment type: Straight plate one side Attachment type: Straight plate one side (roller chain only) Attachment type: Straight plate both side Attachment type: Straight plate both side Attachment type: Straight plate both side (roller chain only)						
10FT 5MTR	Chain length in feet Chain length in metres						



### Chains

### SKF chain links

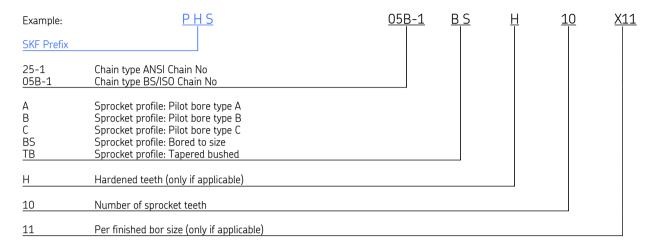
Example:	<u>P H C</u>	<u>10B-1</u>	<u>C/L</u>
SKF Prefix			
80-1 10B-1 40H-1 25SH-1 80SPH-1 80SHH-1 08B-1SLR 40-1SB 2040 16S-1 C2040 C16B-1 12B-1HD	Roller chain (ANSI Chain No) Roller chain (BS/ISO Chain No) SKF Xtra Strength H Chain (ANSI Chain No) SKF Xtra Strength SH Chain (Chain No); C/L only SKF Xtra Strength SPH Chain (Chain No); C/L only SKF Xtra Strength SHH Chain (Chain No); C/L only SKF Xtra Strength SHH Chain (Chain No); C/L only SKF Xtra Performance SLR Chain (Chain No) Side bow roller chain (Chain No) Double pitch transmission chain (Chain No) Oilfield chain (Chain No) Conveyor chain, double pitch, C-series (ANSI Chain No) Straight side plate chains (ISO Chain No.) Hollow pin chains (Chain No.)		
C/L <u>0/L</u>	Connecting link Offset link		



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#### **Sprockets**

### SKF sprockets



### SKF double simplex sprockets (metric or ANSI)

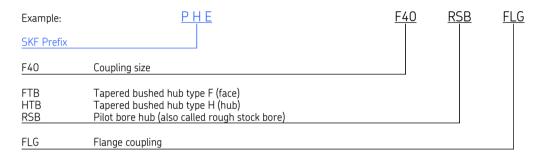
Example:	<u>PHS</u>	<u>08B-1</u>	<u>D S</u>	<u>T B</u>	H	<u>12</u>	H
SKF Prefix							
25-1 05B-1	Chain type ANSI Chain No. Chain type BS/ISO Chain No.						
DS	Double simplex						
A TB	Sprocket profile: Type A Sprocket profile: Tapered bushed						
<u>H</u>	Hardened teeth (only if applicable)						
12	Number of sprocket teeth						
Н	Indicates heavy design (only if applicable)						



## SKF Flex couplings (Tyre)

Example:		PHE	<u>F</u> 4	<u>40</u>	<u>NRTYRE</u>
SKF Prefix					
F40	Coupling size				
NRTYRE FRTYRE	Natural tyre coupling F.R.A.S. tyre coupling				

## SKF Flex couplings (Flange)



### SKF Flex couplings (Spacer)





# SKF FRC couplings

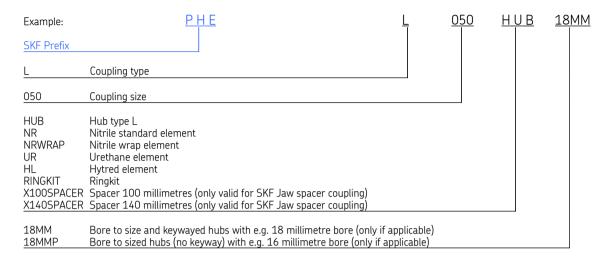
Example:	PHE	FRC	<u>70</u>	<u>FTB</u>
SKF Prefix				
FRC	Coupling type			
70	Coupling size			
RSB FTB HTB NR FR	Pilot bore hub B (also called rough stock bore) Tapered bushed hub type F (face) Tapered bushed hub type H (hub) Standard element F.R.A.S. element			

# SKF rigid coupling

Example:		PHG	<u>R1</u>	<u>2</u> <u>M H</u>	<u> </u>
SKF Prefix					
R12	Coupling size				
MTHB FTB	Male cover Female cover				



#### SKF jaw couplings / SKF Jaw spacer couplings



#### SKF gear couplings

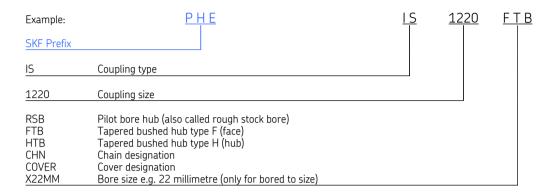


#### SKF grid couplings





### SKF chain couplings



## SKF universal joints

Example:	<u>P H E</u>	<u>UJMA</u>	10
SKF Prefix			
UJMA UJMB	Single universal joint Double universal joint		
10	Outside diameter in millimetres		



# Bushings and Hubs

# SKF bushings

Example:	<u>P H F</u>	<u>T B</u>	<u>16</u>	<u>10</u>	<u>X25MM</u>
SKF Prefix					
TB	Bushing type (tapered or QD bushed)				
16	Maximum bore in 1/10 inches (only applicable for tapered bushed)				
10	Length through bore in 1/10 inches (only applicable for tapered bush	hed)			
X25MM -14MM -1/16	Bore diameter in millimetre (only applicable for tapered bushed) Bore diameter in millimetre (only applicable for QD bushed) Bore diameter in inches (only applicable for QD bushed)				

### SKF hubs

Example:	PHH	<u>W12</u>
SKF Prefix		
W12 WH12 WM12 BF12 SM12	Tapered bushed weld-on hub type W Tapered bushed weld-on hub type WH Tapered bushed weld-on hub type W Tapered bushed bold-on hub type BF Tapered bushed bold-on hub type SM	

# SKF hub adapters



