





# CPV | Inquiry Form

				PRODUCT					
Туре		Design		Design		Pressure Level		Application	
Electronic Control Unit	0								
Hydro Pump	$\bigcirc$	Axial Piston	ightarrow	Bent Axis	0	Medium Pressure	0	Open Circuit	0
Hydro Motor	0		0	Swash Plate	0	High Pressure	0	Closed Circuit	ightarrow
Control Valves	0	Open Center	0	Monoblock	0				
		Closed Center	0	Modular	0				
				Sandwich	0				

DOCUMENT								
Specification		Test/Validation	1	Operation		Service		Release
Iquiry Form	0	Basic information	0	Basic instructions	0	Basic instructions	0	23 <sup>th</sup> May 2025
Datasheet	0	Add./Cust. information	0	Add./Cust. instructions	0	Add./Cust. instructions	0	English



To ensure the currently valid database for your inquiry, please download the latest version of this document from LHY website.



To be able to save the content of the form fields without problems, please save this data sheet on local drive before starting to configure.



Check out the features and start configuring your product via model code.



Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | **Type**

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item Feature 01. Type	
01. Type	
Characteristic	
Type	
CPV CPV CPV CPV CPV CPV Closed Circuit Operation	

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Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request





Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Nominal size

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature					
02.	Nominal siz	ze				
	Characteris	stic		1	Iominal size	Spec.
	Nominal size	Maximum Displacement Range [cc/rev]			065 085 100 115 145	
065	65	066.6				
085	85	085.6			•	
100	100	100.5			•	
115	115	115.4			•	
145	145	149.0			0	
175	175	175.0			0	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Direction of Rotation

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature				
03.	Direction of	Rotation			
	Characteris	tic		Nominal size	Spec.
				065 085 100 115 145 175	
L			Left hand/ counterclockwise rotation (with view to the drive shaft)	0 ● ● ● 0 0	
R			<b>Right</b> hand/ clockwise rotation (with view to the drive shaft)	• • • • 0 0	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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# Configuration | Modelcode & Availability | **Displacement Controller**

In the following you will find the configuration features including brief information. In order to be able to save your





Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request



Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Enable Controller Function

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature			
05.	Enable controller function	n		
	Characteristic		Nominal size	Spec.
			065 085 100 115 115 115	
0		<b>No</b> enable controller function	● ● ● ● ○ ○	
F		Enable controller function This function is controlled electrically - regardless of electrical, hydraulical or mechanical displacement control See also modelcode item 07 for electric connectors for solenoids.	$\bullet \bullet \bullet \bullet \circ \circ$	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Pressure Cut-off

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.





Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request



Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Electric Connectors for Solenoids

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature					
07.	Electric connectors	s for solenoids				
	Characteristic			Nominal size	Spec.	
		Electrically	function			
		4. Displacement controller	5. Enable function controller		065 085 100 115 145 175	
00		Not applicable	Not applicable	This selection applies if neither an electrically actuated dis- placement controller (see item 04) nor an enable controller function (see item 05) is chosen.	• • • • 0 0	
OD	Your choice here is indicative for further	Deutsch	Deutsch		$\bullet \bullet \bullet \bullet \circ \circ$	
0A	choose a sensor at modelcode item 17, the same connector type must be selected there.	AMP Junior Timer	AMP Junior Timer		$\bullet \bullet \bullet \bullet \circ \circ$	
ND	A mix of different connector types is not possible.	<b>Deutsch</b> with manual override	Deutsch		$\bullet \bullet \bullet \bullet \circ \circ$	
NA		AMP Junior Timer with manual override	AMP Junior Timer		••••00	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request





Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Voltage for Solenoids

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature			
08.	Voltage for solenoids			
	Characteristic		Nominal size	Spec.
			065 085 100 115 145 175	
0		Not applicable	$\bullet \bullet \bullet \bullet \circ \circ$	
1		12 V	$\bullet \bullet \bullet \bullet \circ \circ$	
2		24 V	$\bullet \bullet \bullet \bullet \circ \circ$	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request



Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Front End - Mounting Flange

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature						
09.	Front end -	- Mount	ing flan	ge			
	Characteris	tic				Nominal size	Spec.
						065 085 100 115 145	
	Standard		Size [mm]	Horizontal hole pattern, Fixing points	Square hole pattern, Number of fixing points		
C6		SAE C	127	2	4	•••	
D6	ISO 3019-1 / SAE J744	SAED	152	2	4	• 0 0	
E4		SAE E	165		4	0	

Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Front End - Drive Shaft / Drive Flange

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature						Item	Feature						
10.	Front end -	Drive shaft	t / Drive flar	nge										
	Characterist	ic			Nominal size	Spec.		Characteris	stic		Nominal size	Spec.		
	Standard	Number of teeth	Spline pitch/ module	Identification code	065 085 115 175			Standard	Number of teeth	Spline pitch/ module	Identification code		065 085 110 115 115 175	
S7		14	12/24	32-4	• • •		D3		14	2	W30		0	
58		21	16/32	35-4	• • • •		D4		16	2	W35		•••	
V6	5 ISO 3019-1/ SAE J744 7	23	16/32	38-4	$\circ \bullet \bullet \circ$		D5	DIN5480	18	2	W40		0 0	
V7		27	16/32	44-4	000		D6		21	2	W45		00000	
T1		13	8/16	44-4	• • • • 0 0		D7		24	2	W50		0 0	
T2		15	8/16	50-4	000		F4	SAE J1946				Companion flange Type A - 120x8xM10	000000	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | (Multiple) Pump Configuration

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



#### Item Feature

11.	(Multiple)	pump cor	nfiguration					
	Position of the pump in context of your inquiry	Number of pumps in total	Will be supplied as an factory- assembled multiple pump configuration	Choose PTO option compatible with subsequent pump (see model code items 12 & 13)!	Please observe the maximum permissible drive shaft torque!	Please note the maximum permissible moment of inertia when mounting the pumps to the prime mover!		
00	1	1					Single pump configuration	
12	1	2	$\checkmark$	!	!		Multiple pump configuration, Assembly in intermediate position	
22	2	2	$\checkmark$				Multiple pump configuration, Assembly in end position	
13	1	3	$\checkmark$	1	!	!	Multiple pump configuration, Assembly in intermediate position	
23	2	3	$\checkmark$	I.	!	!	Multiple pump configuration, Assembly in intermediate position	
33	3	3	$\checkmark$			!	Multiple pump configuration, Assembly in end position	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

(Multiple) Pump Configuration





Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Power Takeoff (PTO) End - Mounting Flange

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Iten	n Featur	ē							Item	Featu	re						
12.	Powe	r takeo	ff (PTO) end - Mo	ountin	g flange												
	Chara	cteristic	:				Nominal size	Spec.		Chara	acteristi	:				Nominal size	Spec.
	Multiple pump configurations						Multiple pump configurations										
	LHY factory multiple pumps	Customer assembled multiple pumps	Standard	Size [mm]	Horizontal thread pattern, number of threats	Square thread pattern, number of threats	065 085 100 115 145			LHY factory multiple pumps	Customer assembled multiple pumps	Standard	Size [mm]	Horizontal thread pattern, number of threats	Square thread pattern, number of threats	065 085 100 115 145	
00				-	Blind No Power T	plate / akeoff (PTO)	• • • • • 0 0		C2	~			127	2x M16, 22 mm deep		• • • • 0 0	
A2	~	~	SAE A	82	2x M10 14 mm deep	No threads	0 0 0 0 0 0		C4	~		SAE C	127		4x M12, 16 mm deep	• • • • • 0 0	
B2	~		ISO 3019-1		2x M12, 16 mm deep		• • • • • 0 0		C6		$\checkmark$	ISO 3019-1 / SAE J744	127	2x M16, 22 mm deep	4x M12, 16 mm deep	• • • • • 0 0	
B4	~		/ SAE J744 SAE B	101		4x M12, 16 mm deep	• • • • • 0 0		D4	~	$\checkmark$	SAE D	152		4x M20, 22 mm deep	• 0 0	
B6		~			2x M12, 16 mm deep, not in use	4x M12, 16 mm deep	• • • • • 0 0		E4	~	$\checkmark$	SAE E	165		4x M22	0	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Power Takeoff (PTO) End - Drive Coupling

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Iter	n Feature									Item	Feature								
13.	Power tak	keoff (	PTO)	end -	Drive	coupli	ıg												
	Characteri	stic						Nominal size	Spec.		Character	istic						Nominal size	Spec.
	Internal gearing				PTO closing	cover						Internal gearing			PTO closing	cover			
	Standard	Number of teeth	Spline pitch	Ident code	Dust cover for trans- portation and storage	Blind plate for operation without PTO		065 085 085 110 115 145 175			Standard	Number of teeth	Spline pitch	Ident code	Dust cover for trans- portation and storage	Blind plate for operation without PTO		065 085 100 115 175	
00	-	-	-	-		V	Blind plate / No Version           Compatibility with PTO-MULTING           00         A2         B2         B4         B6         C2         C4         C6         D4         E4           v         v         v         v         v         v         v         v         v			S7		14	12/24	1 32-4	✓		Driver cupies           CONDENTIFICIAL STREET           00         A2         B2         B4         B6         C2         C4         C6         D4         E4           ✓	• • • • 0 0	
52		9		16-4	$\checkmark$		Drive coupling           Compatibility with PTO-Mount.Flame           00         A2         B2         B4         B6         C2         C4         C6         D4         E4           \script{1}         \script{2}         C         C6         D4         E4			58		21	1 < / >	35-4	√		DIVERTIGE           CONTRACTOR         NET ON DIVERTIGE           00         A2         B2         B4         B6         C2         C4         C6         D4         E4           v         V         V         V         V         V         V         V         V	••••00	
\$3	ISO 3019-1/	11	17/22	19-4	$\checkmark$		Drive coupling         Compatibility with PTO-MOUNT.Flagge         00       A2       B2       B4       B6       C2       C4       C6       D4       E4         1       1       1       1       1       1       1       1       1			V6	ISO 3019-1, SAE J744	/ 23	16/32	38-4	✓		VIVUE V	000	
S4	SAE J744	13	10/32	22-4	✓		Drive coupling           Coupling         VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	. • • • • 0 0		T1		13	8/16	44-4	√		VINICAL VIN	0 0	
\$5		15		25-4	$\checkmark$		Drive coupling:           Compatibility with PTO-MULTING           00         A2         B2         B4         B6         C2         C4         C6         D4         E4           √         √         √         √         √         √         V	••••00											

Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | **High Pressure Work Ports**

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature				
14.	High pressure	work ports			
	Characteristic			Nominal size	Spec.
	Standard		Orientation	065 085 100 115 145 175	
			Radial		
R	ISO 6162-2		V	• • • • 0 0	

Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Auxiliary Ports

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.





Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Integrated Charge Pump

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.





Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Swash Angle Sensor

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature					
17.	Swash angl	e sensor				
	Characteris	stic			Nominal size	Spec.
	Swash angle sensor	Prepared for swash angle sensor	Without swash angle sensor		065 085 100 115 145 175	
00			~	No swash angle sensor; Option does not allow the subsequent installation of speed sensors	• • • • 0 0	
AD	✓			Swash angle sensor; Function: Swash angle, Connector: Deutsch Please note! If you've already chosen a connector type at modelcode item 07, please don't mix it with a different type here.	• • • • 0 0	
AA	V			Swash angle sensor; Function: Swash angle, Connector: AMP Junior Timer Please note! If you've already chosen a connector type at modelcode item 07, please don't mix it with a different type here.		

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request



Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | **Pressure Sensors**

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature										
18.	Pressure se	nsors									
	Characteris	stic			Nor	min	al s	ize		Spe	c.
	Pressure sensor	Prepared for pressure sensor	Without pressure sensor		065	085	100	115 145	175		
00		✓	✓	No pressure sensors, Option does allow the subsequent installation of pressure sensors	•	•	•	• c	0		
PD	✓			2x Pressure sensors; Function: High pressure at port A, High pressure at port B Connector: Deutsch Please note! If you've already chosen a connector type at modelcode item 07, please don't mix it with a different type here.	0	0	0 (	o c	00		
PA	~			2x Pressure sensors; Function: High pressure at port A, High pressure at port B Connector: AMP Junior Timer Please note! If you've already chosen a connector type at modelcode item 07, please don't mix it with a different type here.							

Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | **Oil Filtration**

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.





Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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														No	mii	nal	siz	e		S	pec.	
CPV-side equipment			Customer-side	requirements																		
Cloggoing Ind.	Inlet Port [F]	Outlet Port [P]	Inlet Port [S]	Charge pump	Oil filter									065	085	100	115	145	175			
			✓			Com 00	lr via npat 22 √	ntegi char ibilit 26 √	rateo ge p y wi 30 √	d filt press ith cl 34 ✓	ratic sure harg 41	on line e pu 52	ımp 59 ✔	•	•	•	•	0	0			
✓			•			Con 00	lr via with npat 22 ✓	ntegr char n clo ibilit 26 √	rateo ge p ggir y wi 30 ✓	d filt press ng in ith cl 34 ✓	ratic sure idica harg 41 ✓	on line tion e pu 52 √	ımp 59 ✔	0	0	0	0	0	0			



Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Shaft Seal

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature			
20.	Shaft seal			
	Characteristic		Nominal size	Spec.
			065 085 100 115 175	
0		Standard	$\bullet \bullet \bullet \bullet \circ \circ$	
н		Heavy duty	000000	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request



Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Additional Option 1

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature						
21.	Additional c	option 1					
	Characteris	stic		I	Nominal s	ize	Spec.
					065 085 100	ci i 145 175	
00			Not applicable		• • • •	00	

Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request



Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Seal Material

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature				
22.	Seal materi	ial			
	Characteri	stic		Nominal size	Spec.
				065 085 100 115 145 175	
V			FKM (Viton)	• • • • 0 0	

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Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request





Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Corrosion Protection or Paint

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature									
23.	Corrosion p	rotection or	paint							
	Characteris	stic			Nominal size	Spec.				
	Corrosion protection	Primer	Top coat		065 085 100 115 145 175					
R00	Anticorit RPO-3002			Corrosion protection, no primer or paint, 6 month active	$\bullet \bullet \bullet \bullet \circ \circ$					
P01		oxide red, RAL 3009		Primer	$\bullet \bullet \bullet \bullet \circ \circ$					
P04		pure white RAL 9010		Primer	$\bullet \bullet \bullet \bullet \circ \circ$					
P06		traffic grey B RAL 7043		Primer (default primer)	$\bullet \bullet \bullet \bullet \circ \circ$					
V03		grey, RAL 7043	jet black, RAL 9005	2-coat paint	$\bullet \bullet \bullet \bullet \circ \circ$					
V07		grey, RAL 7043	slate grey, RAL 7015	2-coat paint	$\bullet \bullet \bullet \bullet \circ \circ$					

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

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Corrosion Protection or Paint





Your choice & Inquiry

### Configuration | Modelcode & Availability | Primary Pressure Relief & Pressure Cut-Off

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



#### Item Characteristics

250

150

150

125

#### Primary pressure relief & pressure cut-off 24.





#### Primary high-pressure relief (maximum system pressure control pmax)

#### Pressure cut-off (nominal system pressure control pnom)

The reference value for the pressure cut-off is the tank pressure. Therefore, when selecting the appropriate setting, the feed pressure level plus the system design must always be taken into account in order to define the remaining safety up to the maximum system pressure (pana). In general, LHY recommends not falling below a safety level of at least 25 bar. Therefore, ensure a minimum feed pressure of 15 bar under all operating conditions. Please contact us if you have different requirements



					*The everyle second above been is a
Symbol	065 085 100 145 175	•	•	0	different pressure conditions in the hy pressure cut-off.
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability			
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request	

Primary Pressure Relief & Pressure Cut-off



only intended to illustrate the interdependence between the primary high-pressure relief and / or pressure cut-off and the ydraulic system. It does NOT represent a generally recommended or specified choice of the primary high-pressure relief and/or

150 000000



Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Charge Pressure Relief Setting

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature						
25.	Charge press	sure relief s	etting				
	Characterist	ic			Nominal size		Spec.
	Corrosion protection				065 085 110 115	175	
23				23 bar	• c	00	
24				24 bar	• • •		

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Symbol	065 085 100 145 175		•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

Charge Pressure Relief Setting





Modelcode & Availability

Your choice & Inquiry

### Configuration | Modelcode & Availability | Maximum Displacement (Vgmax)

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	em Feature										
26.	Maximur	n Displac	ement (V	Jmax)							
	Characte	eristic					Nominal size	Spec.			
	Fixed setting	Individual setting	Comes with adjustment screw	Subsequent changes possible	Set value [cc/rev]		065 085 100 115 145 175				
						066.6	•				
						085.6	•				
[000]	✓				No individual value, Vgmax is preset	100.5	•				
[999]									Motor is delivered without adjustment screw	115.4	•
						149	0				
						175	0				
						045 to 066	•				
						067 to 085	•				
[\/A111E]					Individual value (numeric, 3 digits,	086 to 100	•				
[value]		v	v	V V	Motor is delivered with adjustment screw	101 to 115	•				
						116 to 149	0				
						150 to 175	0				

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request





Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Additional Setting Option 1

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature					
27.	Additional	setting optio	n 1			
	Characteris	stic			Nominal size	Spec.
					065 085 100 115 145	
99				Not applicable	• • • • 0 0	

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Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

Additional Setting Option 1





Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Additional Setting Option 2

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature						
28.	Additional	setting optio	n 2				
	Characteris	stic			Nominal size		Spec.
					065 085 100 115	175	
99				Not applicable	••••	00	

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Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

Addtiional Setting Option 2





Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Additional Setting Option 3

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Item Feature									
29.	Additional	setting optio	in 3							
	Characteris	stic				Nominal size	Spec.			
						065 085 100 115 145 175				
99				Not applicable		• • • • 0 0				

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Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

Additional Setting Option 3





### Configuration | Modelcode & Availability | Model Code Release

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature						
30.	Model code	e release					
	Characteris	stic					
	Release date						
A4	May 2025						

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Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request

Mode Code Release



Modelcode & Availability

Your choice & Inquiry

# Configuration | Modelcode & Availability | Variant Configuration

In the following you will find the configuration features including brief information. In order to be able to save your choice without problems, please save this document on a local drive before starting and after completing the configuration. Set your choice via the dropdown menus in the upper area. In order to ensure a feasible configuration, please consider the availability and compatibility of the individual items with the relevant nominal size. In the section [Your choice & inquiry] these items are then listed as a coherent model code. This code serves for further processing of your inquiry.



Item	Feature									
31.	Variant con	figuration (n	nay require t	further information)						
					065	085	100	115	145 175	
0	Standard execution			(Your desired configuration corresponds to the availabilities and combinations listed in this document.)	•	•	•	•	0 0	
S	Special version			(Your desired configuration does not cor- respond to the availabilities shown in this document and/or does not correspond to the possible combinations shown.) Please explain your desired configuration in more detail under "Your choice & inquiry"	0	0	0	0	00	

Symbol	065 085 100 145 175	•	•	0
Status	Nominal sizes at development stage/ prototype status	Option with a tendency towards higher & more rapid availability		
Availability	Availability refers to a limited volume of units	$\checkmark$	$\checkmark$	Upon request





Modelcode & Availability

### Configuration | Your choice & Inquiry

In the following you will find the choice of items you've made in the section [Modelcode & Availability]. In addition, you will find form fields for your personal data. In order to be able to save the content of the form fields without problems, please save this data sheet on a local drive before starting and after completing the configuration. Data may be lost when working in a browser-based environment. Please note! The form fields should be filled in as completely as possible to ensure smooth processing of your inquiry. In addition, this form is intended for inquiry purposes and to facilitate communication. However, it does not represent a binding order form.



	Name		Your	(Multiple) pump	according to model	
	Customer ID	(if available)		conniguration		
		Street	Your demand	Planned quantity/ year	Number of units	
Your		City area/District		Type of application		
company P	Postal address	City/Town/Village		Machine weight	t	
		County	Your	Power of the drive motor	kW	
		Postal code	(optional)		Hydraulic circuit	
		Country		Functional area of the inquired pro-	Operation	
	Name			duct	Function	
Your E contact details P	Email					A
	Phone	Landline	Your notes (optional)			
	riione	Mobile	(-1)			



Please note! In order to be able to save the content of the form fields without problems, please save this data sheet before sending.



To be able to save the content of the form fields without problems, please save this data sheet on local drive before starting to configure.







Submit the completed form. Your LHY sales partner will come back to you with an offer timely.

\*In the case of a multiple pump configuration chosen here (choice 12, 22, 13, 23 or 33), please ensure to fill out and submit one inquiry form for each pump of the configuration.

### How to reach us

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