

Update about new Bent-Axis piston pumps

Dear Customer,
referring to our previous communication about the new bent axis piston pumps, with the aim to help you in the switch from the old series to the new one we are sending to your attention the cross-reference list between the old and new part numbers:

HDT Version

CURRENT code	Current description	New code	New description
10801307509	PMP.PST.BENT AXIS HDT 75 D ISO	60200110753	HDT 75 D-R ISO 7653 32X36 BSP
10801307518	PMP.PST.BENT AXIS HDT 75 S ISO	60200110759	HDT 75 S-L ISO 7653 32X36 BSP
10801308400	PMP.PST.BENT AXIS HDT 84 D ISO	60200110843	HDT 84 D-R ISO 7653 32X36 BSP
10801308419	PMP.PST.BENT AXIS HDT 84 S ISO	60200110849	HDT 84 S-L ISO 7653 32X36 BSP
10801309605	PMP.PST.BENT AXIS HDT 96 D ISO	60200110963	HDT 96 D-R ISO 7653 32X36 BSP
10801309614	PMP.PST.BENT AXIS HDT 96 S ISO	60200110969	HDT 96 S-L ISO 7653 32X36 BSP
10801310808	PMP.PST.BENT AXIS HDT 108 D ISO	60200111083	HDT 108 D-R ISO 7653 32X36 BSP
10801310817	PMP.PST.BENT AXIS HDT 108 S ISO	60200111089	HDT 108 S-L ISO 7653 32X36 BSP

HDS UNI Version

CURRENT code	Current description	New code	New description
10801401237	PMP.PST.BENT AXIS HDS 12 D UNI	60600210123	HDS 12 D-R UNI 21X25 BSP
10801401246	PMP.PST.BENT AXIS HDS 12 S UNI	60600210129	HDS 12 S-L UNI 21X25 BSP
10801401737	PMP.PST.BENT AXIS HDS 17 D UNI	60600210173	HDS 17 D-R UNI 21X25 BSP
10801401746	PMP.PST.BENT AXIS HDS 17 S UNI	60600210179	HDS 17 S-L UNI 21X25 BSP
10801402530	PMP.PST.BENT AXIS HDS 25 D UNI	60600210253	HDS 25 D-R UNI 21X25 BSP
10801402549	PMP.PST.BENT AXIS HDS 25 S UNI	60600210259	HDS 25 S-L UNI 21X25 BSP
10801403431	PMP.PST.BENT AXIS HDS 34 D UNI	60600210343	HDS 34 D-R UNI 21X25 BSP
10801403440	PMP.PST.BENT AXIS HDS 34 S UNI	60600210349	HDS 34 S-L UNI 21X25 BSP
10801404038	PMP.PST.BENT AXIS HDS 40 D UNI	60600210403	HDS 40 D-R UNI 21X25 BSP
10801404047	PMP.PST.BENT AXIS HDS 40 S UNI	60600210409	HDS 40 S-L UNI 21X25 BSP
10801404734	PMP.PST.BENT AXIS HDS 47 D UNI	60600210473	HDS 47 D-R UNI 21X25 BSP
10801404743	PMP.PST.BENT AXIS HDS 47 S UNI	60600210479	HDS 47 S-L UNI 21X25 BSP
10801405537	PMP.PST.BENT AXIS HDS 55 D UNI	60600210553	HDS 55 D-R UNI 21X25 BSP
10801405546	PMP.PST.BENT AXIS HDS 55 S UNI	60600210559	HDS 55 S-L UNI 21X25 BSP
10801406438	PMP.PST.BENT AXIS HDS 64 D UNI	60600210643	HDS 64 D-R UNI 21X25 BSP
10801406447	PMP.PST.BENT AXIS HDS 64 S UNI	60600210649	HDS 64 S-L UNI 21X25 BSP

HDS ISO Version

CURRENT code	Current description	New code	New description
10801501236	PMP.PST.BENT AXIS HDS 12 D ISO	60100110123	HDS 12 D-R ISO 7653 32X36 BSP
10801501245	PMP.PST.BENT AXIS HDS 12 S ISO	60100110129	HDS 12 S-L ISO 7653 32X36 BSP
10801501736	PMP.PST.BENT AXIS HDS 17 D ISO	60100110173	HDS 17 D-R ISO 7653 32X36 BSP
10801501745	PMP.PST.BENT AXIS HDS 17 S ISO	60100110179	HDS 17 S-L ISO 7653 32X36 BSP
10801502539	PMP.PST.BENT AXIS HDS 25 D ISO	60100110253	HDS 25 D-R ISO 7653 32X36 BSP
10801502548	PMP.PST.BENT AXIS HDS 25 S ISO	60100110259	HDS 25 S-L ISO 7653 32X36 BSP
10801503430	PMP.PST.BENT AXIS HDS 34 D ISO	60100110343	HDS 34 D-R ISO 7653 32X36 BSP
10801503449	PMP.PST.BENT AXIS HDS 34 S ISO	60100110349	HDS 34 S-L ISO 7653 32X36 BSP
10801504037	PMP.PST.BENT AXIS HDS 40 D ISO	60100110403	HDS 40 D-R ISO 7653 32X36 BSP
10801504046	PMP.PST.BENT AXIS HDS 40 S ISO	60100110409	HDS 40 S-L ISO 7653 32X36 BSP
10801504733	PMP.PST.BENT AXIS HDS 47 D ISO	60100110473	HDS 47 D-R ISO 7653 32X36 BSP
10801504742	PMP.PST.BENT AXIS HDS 47 S ISO	60100110479	HDS 47 S-L ISO 7653 32X36 BSP
10801505536	PMP.PST.BENT AXIS HDS 55 D ISO	60100110553	HDS 55 D-R ISO 7653 32X36 BSP
10801505545	PMP.PST.BENT AXIS HDS 55 S ISO	60100110559	HDS 55 S-L ISO 7653 32X36 BSP
10801506035	PMP.PST.BENT AXIS HDS 64 D ISO	60100110643	HDS 64 D-R ISO 7653 32X36 BSP
10801506044	PMP.PST.BENT AXIS HDS 64 S ISO	60100110649	HDS 64 S-L ISO 7653 32X36 BSP
10801508033	PMP.PST.BENT AXIS HDS 84 D ISO	60100110843	HDS 84 D-R ISO 7653 32X36 BSP
10801508042	PMP.PST.BENT AXIS HDS 84 S ISO	60100110849	HDS 84 S-L ISO 7653 32X36 BSP
10801510833	PMP.PST.BENT AXIS HDS 108 D ISO	60100111083	HDS 108 D-R ISO 7653 32X36 BSP
10801510842	PMP.PST.BENT AXIS HDS 108 S ISO	60100111089	HDS 108 S-L ISO 7653 32X36 BSP

MDS ISO Version

CURRENT code	Current description	New code	New description
10801600807	PMP.PST.BENT AXIS MDS 80 D ISO	60300110803	MDS 80 D-R ISO 7653 32X36 BSP
10801600816	PMP.PST.BENT AXIS MDS 80 S ISO	60300110809	MDS 80 S-L ISO 7653 32X36 BSP
10801601306	PMP.PST.BENT AXIS MDS 130 D ISO	60300111303	MDS 130 D-R ISO 7653 32X36 BSP
10801601315	PMP.PST.BENT AXIS MDS 130 S ISO	60300111309	MDS 130 S-L ISO 7653 32X36 BSP

TWIN-FLOW Version

CURRENT code	Current description	New code	New description
10803000505	PMP.PST.BENT AXIS "TFP"53/53 D. ISO	60400115053	TFP 53+53 D-R ISO 7653 32X36 BSP
10803000514	PMP.PST.BENT AXIS "TFP"53/53 S. ISO	60400115059	TFP 53+53 S-L ISO 7653 32X36 BSP
10803000685	PMP.PST.BENT AXIS "TFP"70/70 D. ISO	60400117073	TFP 70+70 D-R ISO 7653 32X36 BSP
10803000694	PMP.PST.BENT AXIS "TFP"70/70 S. ISO	60400117079	TFP 70+70 S-L ISO 7653 32X36 BSP
10803000701	PMP.PST.BENT AXIS "TFP"70/35 D. ISO	60400117033	TFP 70+35 D-R ISO 7653 32X36 BSP
10803000710	PMP.PST.BENT AXIS "TFP"70/35 S. ISO	60400117039	TFP 70+35 S-L ISO 7653 32X36 BSP
10803000747	PMP.PST.BENT AXIS "TFP"70/53 D. ISO	60400117053	TFP 70+53 D-R ISO 7653 32X36 BSP
10803000756	PMP.PST.BENT AXIS "TFP"70/53 S. ISO	60400117059	TFP 70+53 S-L ISO 7653 32X36 BSP

SAE B Version

CURRENT code	Current description	New code	New description
10801700477	PMP.PST.BENT AXIS HDS 47 D SAE B	61307450473	HDS 47 D-R SAE B 2-4H B 13T UNF
10801700486	PMP.PST.BENT AXIS HDS 47 S SAE B	61307450479	HDS 47 S-L SAE B 2-4H B 13T UNF
10801700557	PMP.PST.BENT AXIS HDS 55 D SAE B	61307450553	HDS 55 D-R SAE B 2-4H B 13T UNF
10801700566	PMP.PST.BENT AXIS HDS 55 S SAE B	61307450559	HDS 55 S-L SAE B 2-4H B 13T UNF
10801700646	PMP.PST.BENT AXIS HDS 64 D SAE B	61307450643	HDS 64 D-R SAE B 2-4H B 13T UNF
10801700655	PMP.PST.BENT AXIS HDS 64 S SAE B	61307450649	HDS 64 S-L SAE B 2-4H B 13T UNF
10801700806	PMP.PST.BENT AXIS MDS 80 D SAE B	61307450803	MDS 80 D-R SAE B 2-4H B 13T UNF
10801700815	PMP.PST.BENT AXIS MDS 80 S SAE B	61307450809	MDS 80 S-L SAE B 2-4H B 13T UNF

SAE BB Version

CURRENT code	Current description	New code	New description
10801800476	PMP.PST.BENT AXIS HDS 47 D SAE BB	61307750473	HDS 47 D-R SAE B 2-4H BB15T UNF
10801800485	PMP.PST.BENT AXIS HDS 47 S SAE BB	61307750479	HDS 47 S-L SAE B 2-4H BB15T UNF
10801800556	PMP.PST.BENT AXIS HDS 55 D SAE BB	61307750553	HDS 55 D-R SAE B 2-4H BB15T UNF
10801800565	PMP.PST.BENT AXIS HDS 55 S SAE BB	61307750559	HDS 55 S-L SAE B 2-4H BB15T UNF
10801800645	PMP.PST.BENT AXIS HDS 64 D SAE BB	61307750643	HDS 64 D-R SAE B 2-4H BB15T UNF
10801800654	PMP.PST.BENT AXIS HDS 64 S SAE BB	61307750649	HDS 64 S-L SAE B 2-4H BB15T UNF
10801810803	PMP.PST.BENT AXIS MDS 80 D SAE BB	61307750803	MDS 80 D-R SAE B 2-4H BB15T UNF
10801810812	PMP.PST.BENT AXIS MDS 80 S SAE BB	61307750809	MDS 80 S-L SAE B 2-4H BB15T UNF

SAE C Version

CURRENT code	Current description	New code	New description
10802000472	PMP.PST.BENT AXIS HDS 47 D SAE C	61408050473	HDS 47 D-R SAE C C 14T UNF
10802000481	PMP.PST.BENT AXIS HDS 47 S SAE C	61408050479	HDS 47 S-L SAE C C 14T UNF
10802000552	PMP.PST.BENT AXIS HDS 55 D SAE C	61408050553	HDS 55 D-R SAE C C 14T UNF
10802000561	PMP.PST.BENT AXIS HDS 55 S SAE C	61408050559	HDS 55 S-L SAE C C 14T UNF
10802000641	PMP.PST.BENT AXIS HDS 64 D SAE C	61408050643	HDS 64 D-R SAE C C 14T UNF
10802000650	PMP.PST.BENT AXIS HDS 64 S SAE C	61408050649	HDS 64 S-L SAE C C 14T UNF
10802000847	PMP.PST.BENT AXIS HDS 84 D SAE C	61408050843	HDS 84 D-R SAE C C 14T UNF
10802000856	PMP.PST.BENT AXIS HDS 84 S SAE C	61408050849	HDS 84 S-L SAE C C 14T UNF
10802001088	PMP.PST.BENT AXIS HDS 108 D SAE C	61408051083	HDS 108 D-R SAE C C 14T UNF
10802001097	PMP.PST.BENT AXIS HDS 108 S SAE C	61408051089	HDS 108 S-L SAE C C 14T UNF
10802010809	PMP.PST.BENT AXIS MDS 80 D SAE C	61408050803	MDS 80 D-R SAE C C 14T UNF
10802010818	PMP.PST.BENT AXIS MDS 80 S SAE C	61408050809	MDS 80 S-L SAE C C 14T UNF
10802011308	PMP.PST.BENT AXIS MDS 130 D SAE C	61408051303	MDS 130 D-R SAE C C 14T UNF
10802011317	PMP.PST.BENT AXIS MDS 130 S SAE C	61408051309	MDS 130 S-L SAE C C 14T UNF

ISO-SAE Version

CURRENT code	Current description	New code	New description
10890700407	PMP.PST.BENT AXIS HDS 40 D ISO-SAE	60100150403	HDS 40 D-R ISO 7653 32X36 UNF
10890700416	PMP.PST.BENT AXIS HDS 40 S ISO-SAE	60100150409	HDS 40 S-L ISO 7653 32X36 UNF
10890700470	PMP.PST.BENT AXIS HDS 47 D ISO-SAE	60100150473	HDS 47 D-R ISO 7653 32X36 UNF
10890700489	PMP.PST.BENT AXIS HDS 47 S ISO-SAE	60100150479	HDS 47 S-L ISO 7653 32X36 UNF
10890700550	PMP.PST.BENT AXIS HDS 55 D ISO-SAE	60100150553	HDS 55 D-R ISO 7653 32X36 UNF
10890700569	PMP.PST.BENT AXIS HDS 55 S ISO-SAE	60100150559	HDS 55 S-L ISO 7653 32X36 UNF
10890700649	PMP.PST.BENT AXIS HDS 64 D ISO-SAE	60100150643	HDS 64 D-R ISO 7653 32X36 UNF
10890700658	PMP.PST.BENT AXIS HDS 64 S ISO-SAE	60100150649	HDS 64 S-L ISO 7653 32X36 UNF
10890700809	PMP.PST.BENT AXIS MDS 80 D ISO-SAE	60300150803	MDS 80 D-R ISO 7653 32X36 UNF
10890700818	PMP.PST.BENT AXIS MDS 80 S ISO-SAE	60300150809	MDS 80 S-L ISO 7653 32X36 UNF
10890700845	PMP.PST.BENT AXIS HDS 84 D ISO-SAE	60100150843	HDS 84 D-R ISO 7653 32X36 UNF
10890700854	PMP.PST.BENT AXIS HDS 84 S ISO-SAE	60100150849	HDS 84 S-L ISO 7653 32X36 UNF
10890701086	PMP.PST.BENT AXIS HDS 108 D ISO-SAE	60100151083	HDS 108 D-R ISO 7653 32X36 UNF
10890701095	PMP.PST.BENT AXIS HDS 108 S ISO-SAE	60100151089	HDS 108 S-L ISO 7653 32X36 UNF
10890711306	PMP.PST.BENT AXIS MDS 130 D ISO-SAE	60300151303	MDS 130 D-R ISO 7653 32X36 UNF
10890711315	PMP.PST.BENT AXIS MDS 130 S ISO-SAE	60300151309	MDS 130 S-L ISO 7653 32X36 UNF

SAE B/GAS Version

CURRENT code	Current description	New code	New description
10891700478	PMP.BENT AXIS HDS 47 D SAE B /GAS	61307410473	HDS 47 D-R SAEB 2-4H B 13T BSP
10891700487	PMP.BENT AXIS HDS 47 S SAE B /GAS	61307410479	HDS 47 S-L SAEB 2-4H B 13T BSP
10891700558	PMP.BENT AXIS HDS 55 D SAE B /GAS	61307410553	HDS 55 D-R SAEB 2-4H B 13T BSP
10891700567	PMP.BENT AXIS HDS 55 S SAE B /GAS	61307410559	HDS 55 S-L SAEB 2-4H B 13T BSP
10891700647	PMP.BENT AXIS HDS 64 D SAE B /GAS	61307410643	HDS 64 D-R SAEB 2-4H B 13T BSP
10891700656	PMP.BENT AXIS HDS 64 S SAE B /GAS	61307410649	HDS 64 S-L SAEB 2-4H B 13T BSP
10891700807	PMP.BENT AXIS MDS 80 D SAE B /GAS	61307410803	MDS 80 D-R SAEB 2-4H B 13T BSP
10891700816	PMP.BENT AXIS MDS 80 S SAE B /GAS	61307410809	MDS 80 S-L SAEB 2-4H B 13T BSP

SAE BB/GAS Version

CURRENT code	Current description	New code	New description
10891800477	PMP.BENT AXIS HDS 47 D SAE BB /GAS	61307710473	HDS 47 D-R SAEB 2-4H BB15T BSP
10891800486	PMP.BENT AXIS HDS 47 S SAE BB /GAS	61307710479	HDS 47 S-L SAEB 2-4H BB15T BSP
10891800557	PMP.BENT AXIS HDS 55 D SAE BB /GAS	61307710553	HDS 55 D-R SAEB 2-4H BB15T BSP
10891800566	PMP.BENT AXIS HDS 55 S SAE BB /GAS	61307710559	HDS 55 S-L SAEB 2-4H BB15T BSP
10891800646	PMP.BENT AXIS HDS 64 D SAE BB /GAS	61307710643	HDS 64 D-R SAEB 2-4H BB15T BSP
10891800655	PMP.BENT AXIS HDS 64 S SAE BB /GAS	61307710649	HDS 64 S-L SAEB 2-4H BB15T BSP
10891810804	PMP.BENT AXIS MDS 80 D SAE BB /GAS	61307710803	MDS 80 D-R SAEB 2-4H BB15T BSP
10891810813	PMP.BENT AXIS MDS 80 S SAE BB /GAS	61307710809	MDS 80 S-L SAEB 2-4H BB15T BSP

SAE C/GAS Version

CURRENT code	Current description	New code	New description
10892000473	PMP.BENT AXIS HDS 47 D SAE C /GAS	61408010473	HDS 47 D-R SAE C C 14T BSP
10892000482	PMP.BENT AXIS HDS 47 S SAE C /GAS	61408010479	HDS 47 S-L SAE C C 14T BSP
10892000553	PMP.BENT AXIS HDS 55 D SAE C /GAS	61408010553	HDS 55 D-R SAE C C 14T BSP
10892000562	PMP.BENT AXIS HDS 55 S SAE C /GAS	61408010559	HDS 55 S-L SAE C C 14T BSP
10892000642	PMP.BENT AXIS HDS 64 D SAE C /GAS	61408010643	HDS 64 D-R SAE C C 14T BSP
10892000651	PMP.BENT AXIS HDS 64 S SAE C /GAS	61408010649	HDS 64 S-L SAE C C 14T BSP
10892000848	PMP.BENT AXIS HDS 84 D SAE C /GAS	61408010843	HDS 84 D-R SAE C C 14T BSP
10892000857	PMP.BENT AXIS HDS 84 S SAE C /GAS	61408010849	HDS 84 S-L SAE C C 14T BSP
10892001089	PMP.BENT AXIS HDS 108 D SAE C /GAS	61408011083	HDS 108 D-R SAE C C 14T BSP
10892001098	PMP.BENT AXIS HDS 108 S SAE C /GAS	61408011089	HDS 108 S-L SAE C C 14T BSP
10892010800	PMP.BENT AXIS MDS 80 D SAE C /GAS	61408010803	MDS 80 D-R SAE C C 14T BSP
10892010819	PMP.BENT AXIS MDS 80 S SAE C /GAS	61408010809	MDS 80 S-L SAE C C 14T BSP
10892011309	PMP.BENT AXIS MDS 130 D SAE C /GAS	61408011303	MDS 130 D-R SAE C C 14T BSP
10892011318	PMP.BENT AXIS MDS 130 S SAE C /GAS	61408011309	MDS 130 S-L SAE C C 14T BSP

Being a new design, some spare parts are not interchangeable and therefore it is necessary to change all part numbers in order to correctly identify the new pumps.

New part numbers are structured as follows:

Position	1	2	3	4	5	6	7	8	9	10	11
Code	6	F	F	A	A	A	P	C	C	C	R

Position	1	2	3	
Code	6	F	F	Family / Flange

Position	4	5	6	
Code	A	A	A	Shaft

Position	7	
Code	P	Ports

Position	8	9	10	
Code	C	C	C	Displacement

Position	11	
Code	R	Rotation

Specifically, the way of coding is composed following the present logic:

- the position No. **1-2-3** digits identify the pump model (HDS, HDT, MDS) and flange model based on the following scheme:

Position	1	2	3	
Code	6	F	F	Family / Flange
	6	0	1	HDS ISO 7653 4 holes \varnothing 80
	6	0	2	HDT ISO 7653 4 holes \varnothing 80
	6	0	3	MDS ISO 7653 4 holes \varnothing 80
	6	0	4	TFP ISO 7653 4 holes \varnothing 80
	6	0	6	UNI 3 holes
	6	1	1	SAE B 2 holes
	6	1	2	SAE B 4 holes
	6	1	3	SAE B 2 holes / 4 holes
	6	1	4	SAE C 4 holes

- the position No. **4-5-6** identify the type of shaft:

Position	4	5	6	
Code	A	A	A	Shaft
	0	0	1	DIN 5462 8x32x36 (ISO 14)
	0	0	2	UNI 6x21x25
	0	7	4	SAE B - 13T 16/32
	0	7	7	SAE BB - 15T 16/32
	0	8	0	SAE C - 14T 12/24
	0	8	3	SAE C - 21T 16/32

- the position No. **7** identifies the type of ports (BSP or UNF):

Position	7	
Code	P	Ports IN-OUT
	1	BSPP (GAS)
	5	UNF

- the position Nos. **8-9-10** identify the displacement in cubic/centimetre (CC)

Position	8	9	10	
Code	C	C	C	Displacement
	0	1	2	12
	0	1	7	17
	0	2	5	25
	0	3	4	34
	0	4	0	40
	0	4	7	47
	0	5	5	55
	0	6	4	64
	0	7	5	75
	0	8	0	80
	0	8	4	84
	0	9	6	96
	1	0	8	108
	1	3	0	130
	5	0	5	53+53
	7	0	3	70+35
	7	0	5	70+53
	7	0	7	70+70

- the position No. **11** identifies the direction of rotation:

Position	11	
Code	R	Rotation
	3	RIGHT
	9	LEFT

The first pump models / displacements that will be available are:

HDS 47/64 cc

HDT 84/108 cc

It will be our main concern to inform you about change in part number in outstanding and in new orders and our team will advise you as soon as new models will be set into standard production.

At any stage of this process we will be at your disposal for any clarification that may arise.