

Eclipse HYPO Pump Series Size 05
Consolidated Bill of Material

Section
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Position 1,2,3,4 - 9 Base Pump Material/Ports			Position 5 Base Pump Material and Port Connection		PICK ONE
Description	Item	Part Number:	Material	Qty	
Front cover	5	NG020002-PVD	PVD	1	EH05K
Center housing FNPT (K)	14	NG040021-PVD	PVD	1	
Adapter, Spool	20	NG110010-PET	Polyester	1	
Retaining plate	32	NG120006-188	Stainless steel	2	
Cover Plate	5A	NG120012-188	Stainless steel	1	
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1	
Drive Magnet	24	NG200035-STL	Neo / Steel	1	
Containment Can	19	NG210005-PVD	PVD	1	
Name tag	1	NG550003-304	Stainless steel	1	
Nut plate	28	NG990009-188	Stainless steel	2	
Drain Plug	34	NG990014-FTE	ETFE	1	
Washers	4	NG990018-188	Stainless steel	6	
Washers	17	NG990018-188	Stainless steel	8	
Bolts	16	W770403-188	Stainless steel	8	
Bolts	3	W770404-188	Stainless steel	6	
Drive Screw	2	W771000-188	Stainless steel	2	
Description	Item	Part Number:	Material	Qty	PICK ONE
Front cover	5	NG020002-PVD	PVD	1	EH05K-T
Center housing FNPT (K)	14	NG040021-PVD	PVD	1	
Adapter, Spool	20	NG110010-PET	Polyester	1	
Retaining plate	32	NG120006-188	Stainless steel	2	
Cover Plate	5A	NG120012-188	Stainless steel	1	
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1	
Drive Magnet	24	NG200035-STL	Neo / Steel	1	
Containment Can	19	NG210005-PVD	PVD	1	
Name tag	1	NG550003-304	Stainless steel	1	
Nut plate	28	NG990009-188	Stainless steel	2	
Drain Plug	34	NG990014-FTE	ETFE	1	
Washers	4	NG990018-TIT	Titanium	6	
Washers	17	NG990018-TIT	Titanium	8	
Bolts	16	W770403-TIT	Titanium	8	
Bolts	3	W770404-TIT	Titanium	6	
Drive Screw	2	W771000-188	Stainless steel	2	
Description	Item	Part Number:	Material	Qty	PICK ONE
Front cover	5	NG020002-PVD	PVD	1	EH05M
Center housing BSPT (M)	14	NG040022-PVD	PVD	1	
Adapter, Spool	20	NG110010-PET	Polyester	1	
Retaining plate	32	NG120006-188	Stainless steel	2	
Cover Plate	5A	NG120012-188	Stainless steel	1	
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1	
Drive Magnet	24	NG200035-STL	Neo / Steel	1	
Containment Can	19	NG210005-PVD	PVD	1	
Name tag	1	NG550003-304	Stainless steel	1	
Nut plate	28	NG990009-188	Stainless steel	2	
Drain Plug	34	NG990014-FTE	ETFE	1	
Washers	4	NG990018-188	Stainless steel	6	
Washers	17	NG990018-188	Stainless steel	8	
Bolts	16	W770403-188	Stainless steel	8	
Bolts	3	W770404-188	Stainless steel	6	
Drive Screw	2	W771000-188	Stainless steel	2	
Description	Item	Part Number:	Material	Qty	PICK ONE
Front cover	5	NG020002-PVD	PVD	1	EH05K-N
Center housing FNPT (K)	14	NG040021-PVD	PVD	1	
Adapter, Spool	20	NG110010-PET	Polyester	1	
Retaining plate	32	NG120006-188	Stainless steel	2	
Cover Plate	5A	NG120012-188	Stainless steel	1	
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1	
Containment Can	19	NG210005-PVD	PVD	1	
Name tag	1	NG550003-304	Stainless steel	1	
Nut plate	28	NG990009-188	Stainless steel	2	
Drain Plug	34	NG990014-FTE	ETFE	1	
Washers	4	NG990018-188	Stainless steel	6	

PARTS

PICK ONE COMMON

Washers	17	NG990018-188	Stainless steel	8
Bolts	16	W770403-188	Stainless steel	8
Bolts	3	W770404-188	Stainless steel	6
Drive Screw	2	W771000-188	Stainless steel	2

Description	Item	Part Number:	Material	Qty
Front cover	5	NG020002-PVD	PVD	1
Center housing BSPT (M)	14	NG040022-PVD	PVD	1
Adapter, Spool	20	NG110010-PET	Polyester	1
Retaining plate	32	NG120006-188	Stainless steel	2
Cover Plate	5A	NG120012-188	Stainless steel	1
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1
Containment Can	19	NG210005-PVD	PVD	1
Name tag	1	NG550003-304	Stainless steel	1
Nut plate	28	NG990009-188	Stainless steel	2
Drain Plug	34	NG990014-FTE	ETFE	1
Washers	4	NG990018-188	Stainless steel	6
Washers	17	NG990018-188	Stainless steel	8
Bolts	16	W770403-188	Stainless steel	8
Bolts	3	W770404-188	Stainless steel	6
Drive Screw	2	W771000-188	Stainless steel	2

EH05M-N

Description	Item	Part Number:	Material	Qty
Front cover	5	NG020002-PVD	PVD	1
Center housing FNPT (K)	14	NG040021-PVD	PVD	1
Adapter, Spool	20	NG110010-PET	Polyester	1
Cover Plate	5A	NG120012-ATX	Stainless steel	1
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1
Drive Magnet	24	NG200035-STL	Neo / Steel	1
Containment Can	19	NG210005-PVD	PVD	1
Name tag	1	NG550003-304	Stainless steel	1
Nut plate	28	NG990009-188	Stainless steel	2
Drain Plug	34	NG990014-FTE	ETFE	1
Washers	4	NG990018-188	Stainless steel	6
Washers	17	NG990018-188	Stainless steel	8
KIT, ECLIPSE E05,E12 ATEX	--	NG990025-000		1
Bolts	16	W770403-188	Stainless steel	8
Bolts	3	W770404-188	Stainless steel	6
Drive Screw	2	W771000-188	Stainless steel	2

EH05K-ATEX

Description	Item	Part Number:	Material	Qty
Front cover	5	NG020002-PVD	PVD	1
Center housing BSPT (M)	14	NG040022-PVD	PVD	1
Adapter, Spool	20	NG110010-PET	Polyester	1
Cover Plate	5A	NG120012-ATX	Stainless steel	1
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1
Drive Magnet	24	NG200035-STL	Neo / Steel	1
Containment Can	19	NG210005-PVD	PVD	1
Name tag	1	NG550003-304	Stainless steel	1
Nut plate	28	NG990009-188	Stainless steel	2
Drain Plug	34	NG990014-FTE	ETFE	1
Washers	4	NG990018-188	Stainless steel	6
Washers	17	NG990018-188	Stainless steel	8
KIT, ECLIPSE E05,E12 ATEX	--	NG990025-000		1
Bolts	16	W770403-188	Stainless steel	8
Bolts	3	W770404-188	Stainless steel	6
Drive Screw	2	W771000-188	Stainless steel	2

EH05M-ATEX

Description	Item	Part Number:	Material	Qty
Front cover	5	NG020002-PVD	PVD	1
Center housing FNPT (K)	14	NG040021-PVD	PVD	1
Adapter, Spool	20	NG110010-PET	Polyester	1
Cover Plate	5A	NG120012-ATX	Stainless steel	1
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1
Containment Can	19	NG210005-PVD	PVD	1
Name tag	1	NG550003-304	Stainless steel	1
Nut plate	28	NG990009-188	Stainless steel	2
Drain Plug	34	NG990014-FTE	ETFE	1
Washers	4	NG990018-188	Stainless steel	6
Washers	17	NG990018-188	Stainless steel	8
KIT, ECLIPSE E05,E12 ATEX	--	NG990025-000		1
Bolts	16	W770403-188	Stainless steel	8
Bolts	3	W770404-188	Stainless steel	6
Drive Screw	2	W771000-188	Stainless steel	2

EH05K-N-ATEX

Description	Item	Part Number:	Material	Qty
Front cover	5	NG020002-PVD	PVD	1
Center housing BSPT (M)	14	NG040022-PVD	PVD	1

Adapter, Spool	20	NG110010-PET	Polyester	1
Cover Plate	5A	NG120012-ATX	Stainless steel	1
Driven Magnet Assembly	21	NG200031-TEF	Neo / ETFE	1
Containment Can	19	NG210005-PVD	PVD	1
Name tag	1	NG550003-304	Stainless steel	1
Nut plate	28	NG990009-188	Stainless steel	2
Drain Plug	34	NG990014-FTE	ETFE	1
Washers	4	NG990018-188	Stainless steel	6
Washers	17	NG990018-188	Stainless steel	8
KIT, ECLIPSE E05,E12 ATEX	--	NG990025-000		1
Bolts	16	W770403-188	Stainless steel	8
Bolts	3	W770404-188	Stainless steel	6
Drive Screw	2	W771000-188	Stainless steel	2

EH05M-N-ATEX

Position 6 - Bearing Materials

LINER, GEAR & BEARING KIT #	Description	Item	Part Number:	Material	Qty
	Housing Liner	11	NG220003-FTE	ETFE	1
	Drive gear Assembly	13	NG010016-FTE	ETFE / ALA	1
	Idler Gear Assembly	12	NG010015-FTE	ETFE / ALA	1
E05XB	Bearing	10	NG080002-SIC	Silicon Carbide	2

ADD (1)

EH05XBV

Position 7 - O-ring material selection

VITON ORING KIT	Description	Item	Part Number:	Material	Qty
	Oring Containment Can	15	NP440154-VTN	Viton	1
	Oring Cover	6	NP440137-VTN	Viton	1
	Oring Drain Plug	33	W059100-VTN	Viton	1
EH05XXV	Oring Compression	9	NP440129-VTN	Viton	1

Position 8 - Nema C-Face and IEC B14 Metric Frame Magnetic Coupling Arrangement
Motor Mount Kit #

56C Nema frame components		Item	Part Number:	Material	Qty	PICK ONE
F	Coupling Hub	25	NG940002-STL	Steel	1	
	Set Screw	26	W771004-031	Steel	1	
	Bolts	22	W770425-188	Stainless steel	4	
	Washer	23	NG990019-188	Stainless steel	4	
	Screws	27	W770021-188	Stainless steel	4	

143TC - 182C Nema frame components		Item	Part Number:	Material	Qty	EH05XXXO
O	Coupling Hub	25	NG940003-STL	Steel	1	
	Set Screw	26	W771004-031	Steel	1	
	Bolts	22	W770425-188	Stainless steel	4	
	Washer	23	NG990019-188	Stainless steel	4	
	Screws	27	W770021-188	Stainless steel	4	

63 IEC B14 frame components		Item	Part Number:	Material	Qty	EH05XXXH
H	Coupling Hub	25A	NG940004-STL	Steel	1	
	Set Screw	26A	NP991004-017	Steel	1	
	Adapter, Motor	31	NG110005-PET	Polyester	1	
	Bolts	29	NP990418-188	Stainless steel	4	
	Washer	30	NP991016-188	Stainless steel	4	
	Bolts	22	W770426-188	Stainless steel	4	
	Washer	23	NG990019-188	Stainless steel	4	
	Screws	27	W770021-188	Stainless steel	4	

71 IEC B14 frame components		Item	Part Number:	Material	Qty	EH05XXXJ
J	Coupling Hub	25A	NG940011-STL	Steel	1	
	Set Screw	26A	NG990027-188	Steel	1	
	Adapter, Motor	31	NG110019-ALU	Aluminum	1	
	Bolts	29	W770546-188	Stainless steel	4	
	Bolt	22	W770425-188	Stainless steel	4	
	Washer	23	NG990019-188	Stainless steel	4	
	Screws	27	W770021-188	Stainless steel	4	

80 IEC B14 frame components		Item	Part Number:	Material	Qty	EH05XXXK
K	Coupling Hub	25B	NG940005-STL	Steel	1	
	Set Screw	26B	NP991004-001	Steel	1	
	Adapter, Motor	31	NG110005-PET	Polyester	1	
	Bolts	29A	NP990415-188	Stainless steel	4	
	Washer	30A	NP991017-188	Stainless steel	4	
	Bolts	22	W770426-188	Stainless steel	4	
	Washer	23	NG990019-188	Stainless steel	4	
	Screws	27	W770021-188	Stainless steel	4	

OPTIONS		(only part number affecting options shown here)				
Position 10	Description	Item	Part Number:	Material	Qty	
A FLUSH OPTION	Front cover with bearing flush	5	NG020005-FTE	ETFE	1	
	Drain plug for cover	34	NG990014-FTE	ETFE	1	
	Drain plug o-ring (match o-ring material selected for the pump)	33	W059100-VTN	Viton	1	
			W059100-NOR	EPDM		
NG440012-KLZ			Kalrez			

Optional Kits:

Kit #	Description	Item	Part Number:	Material	Qty
E05 FLG KIT E05FXE	FLANGE ADAPTOR E05		NG990032-KYN	KYN	2
	FLANGE .50-150#		NG990033-188	Stainless steel	2
	GASKET, O-RING 2-019		NG440019-N0R	EPDM	2
	GASKET, O-RING 2-120		NG440120-N0R	EPDM	2
	GASKET, O-RING 2-122		NG440122-N0R	EPDM	2
E05 FLG KIT E05FXV	FLANGE ADAPTOR E05		NG990032-KYN	KYN	2
	FLANGE .50-150#		NG990033-188	Stainless steel	2
	GASKET, O-RING 2-019		NG440019-VTN	VITON	2
	GASKET, O-RING 2-120		NG440120-VTN	VITON	2
	GASKET, O-RING 2-122		NG440122-VTN	VITON	2

SUBkits

Kit #	Description	Item	Part Number:	Material	Qty
E05GL	Housing Liner	11	NG220003-FTE	ETFE	1
	Drive gear Assembly	13	NG010016-FTE	ETFE / ALA	1
	Idler Gear Assembly	12	NG010015-FTE	ETFE / ALA	1







