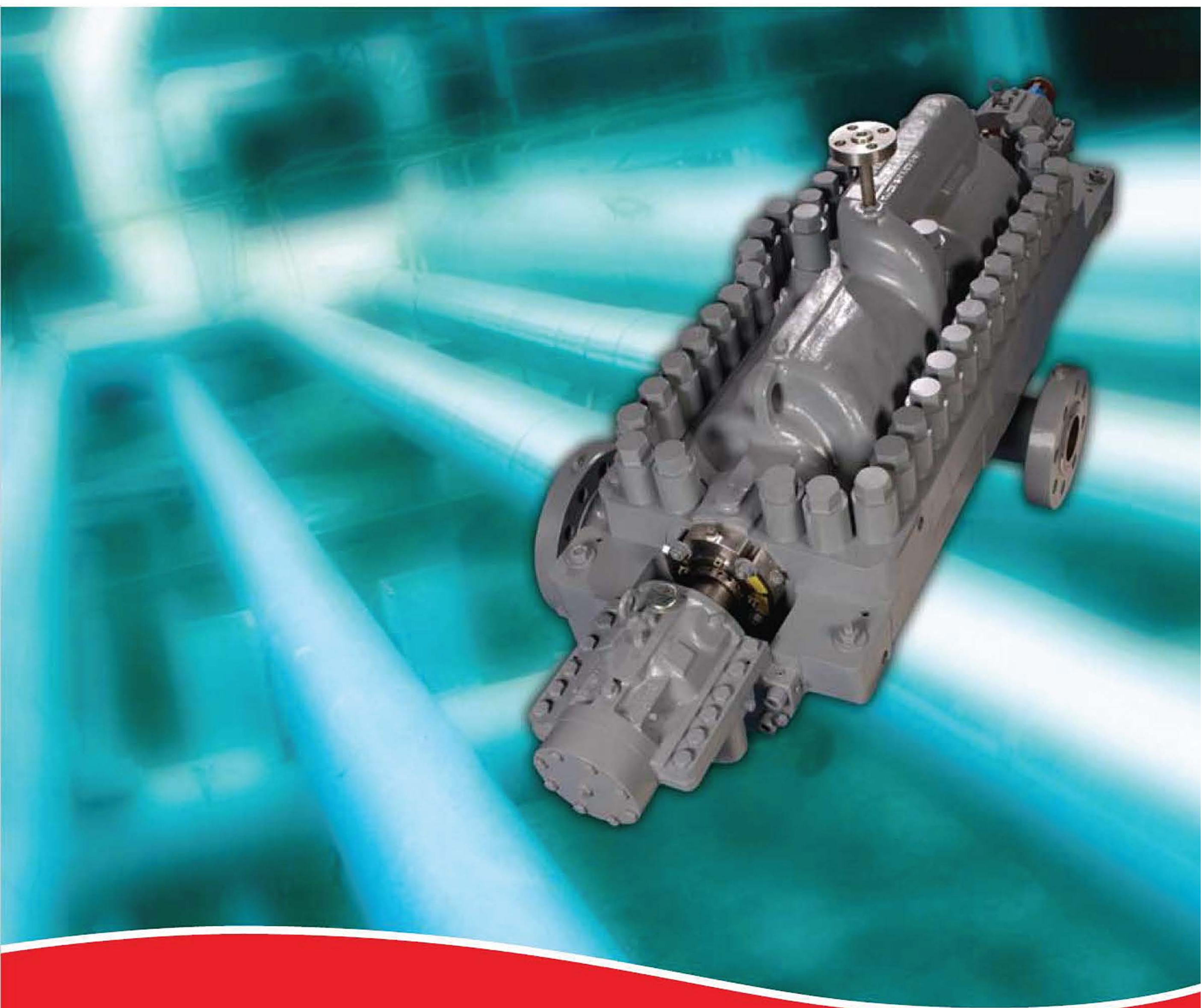


DMX ***Between Bearings, Axially Split, Multistage Pump***

ISO 13709/API 610 (BB3)

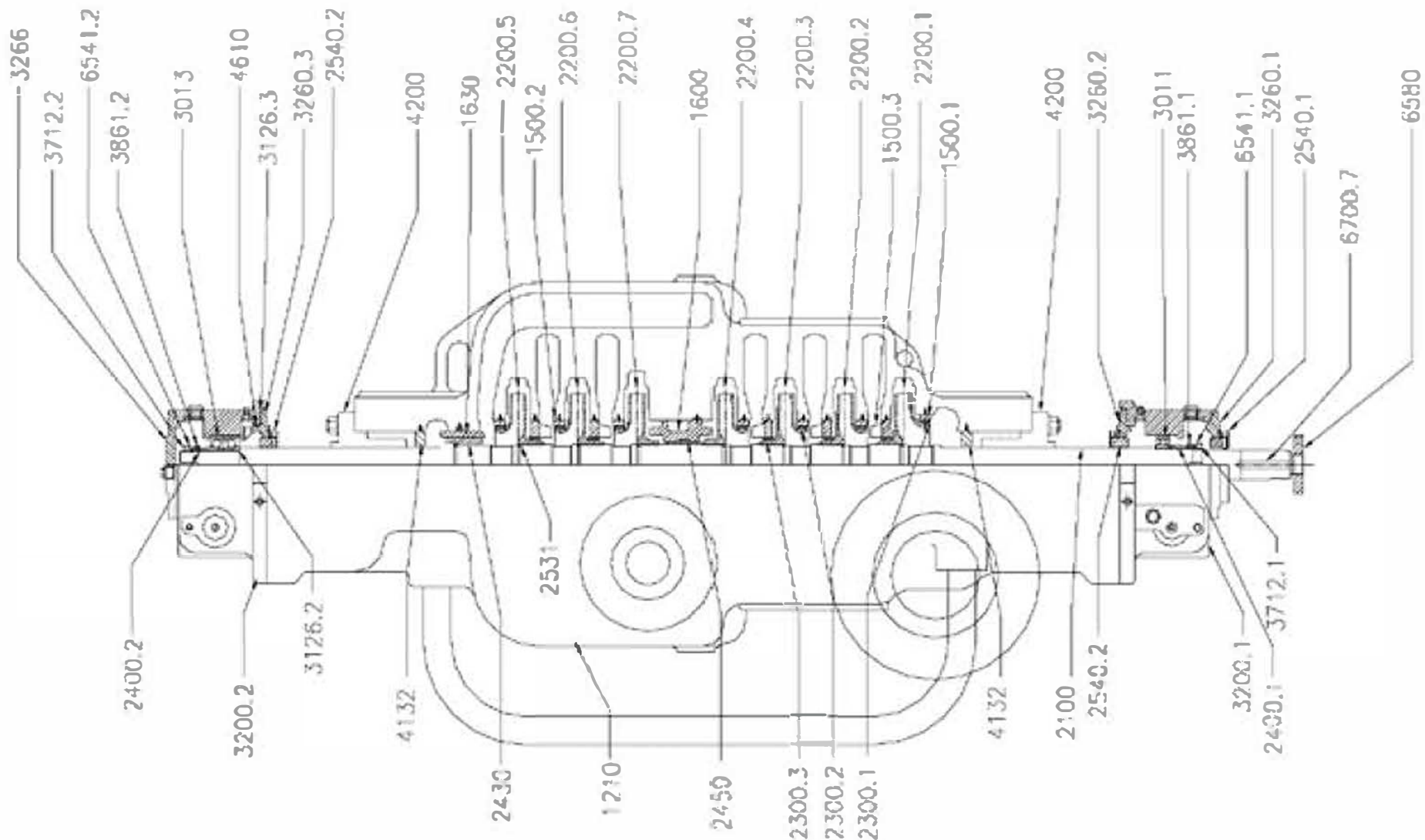


Experience In Motion

DMX/DMXD Pump Cross Sectional Drawings

DMX - CCW (H. I.) Rotation

Typical DMX - Ball Bearing, Mechanical Seal, Standard Shaft



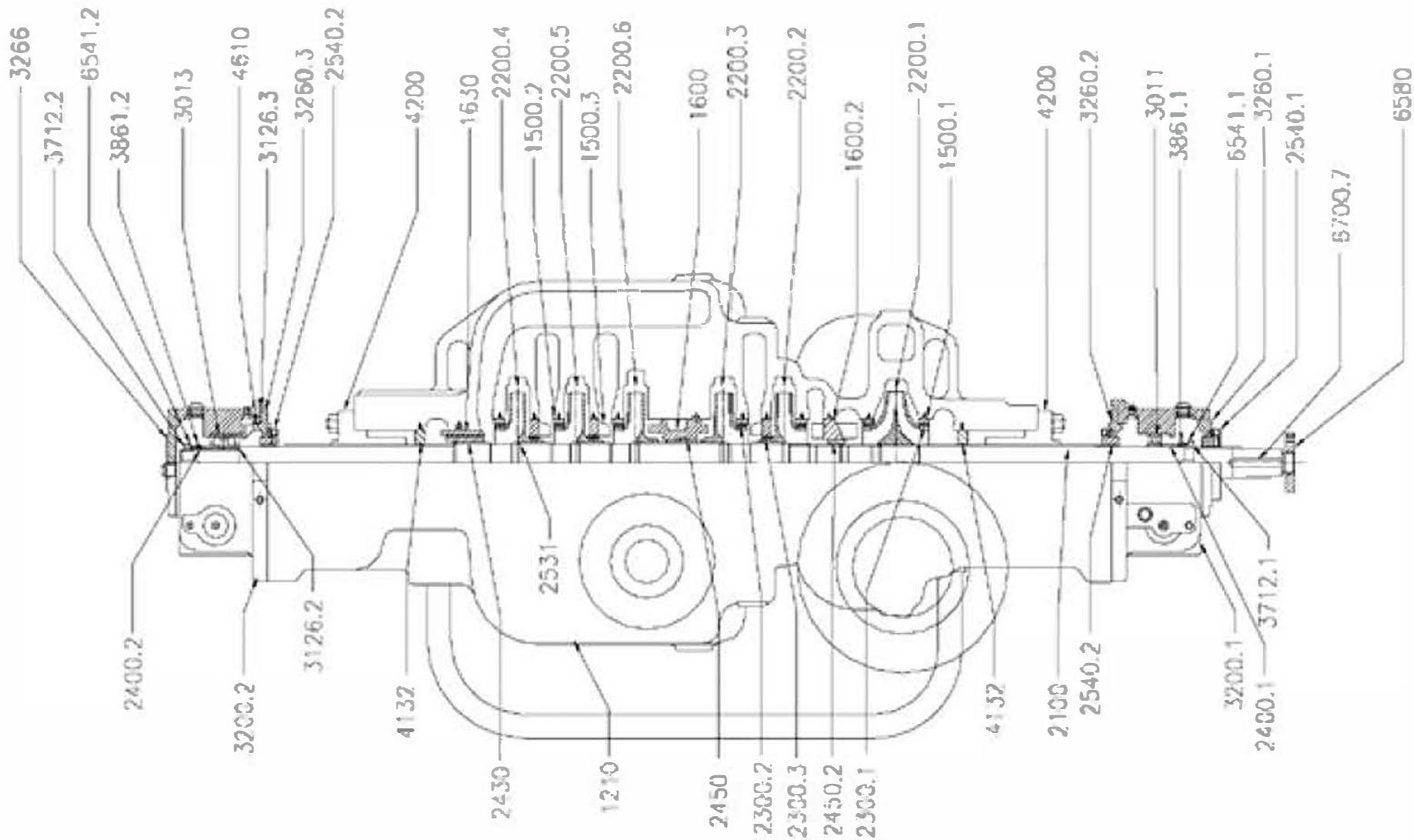
Single Suction DMX - Parts List

Part No.	Name of Part	Part No.	Name of Part	Part No.	Name of Part
1210	Casing Complete	2300.2	Impeller Ring	3260.2	Bearing End Cover
1500.1	Casing Ring - 1st Stage	2300.3	Impeller Bushing Ring	3260.3	Bearing End Cover
1500.2	Casing Ring	2400.1	Journal Sleeve	3266	Bearing End Cover
1500.3	Channel Ring - Split	2400.2	Journal Sleeve	3712.1	Lock Nut
1600	Center Bushing - Split	2430	Throttling Sleeve	3712.2	Lock Nut
1630	Throttling Bushing	2450	Center Sleeve	3861.1	Oil Ring
2100	Shaft	2531	Split Ring	3861.2	Oil Ring
2200.1	Impeller - 1st Stage	2540.1	Flinger	4132	Stuffing Box Bushing
2200.2	Impeller - 2nd Stage	2540.2	Flinger	4200	Mechanical Seal
2200.3	Impeller - 3rd Stage	3011	Ball Bearing - Radial	4610	O-Ring
2200.4	Impeller - 4th Stage	3013	Ball Bearing - Thrust	6541.1	Lock Washer
2200.5	Impeller - 5th Stage	3126.2	Shims - Thrust Bearing	6541.2	Lock Washer
2200.6	Impeller - 6th Stage	3126.3	Shims - End Cover	6580	Coupling Nut
2200.7	Impeller - 7th Stage	3200.1-2	Bearing Housings	6700.7	Coupling Key
2300.1	Impeller Ring - 1st Stage	3260.1	Bearing End Cover		

DMX/DMXD Pump Cross Sectional Drawings

DMX - CCW (H. I.) Rotation

Typical DMXD - Ball Bearing, Mechanical Seal, Standard Shaft

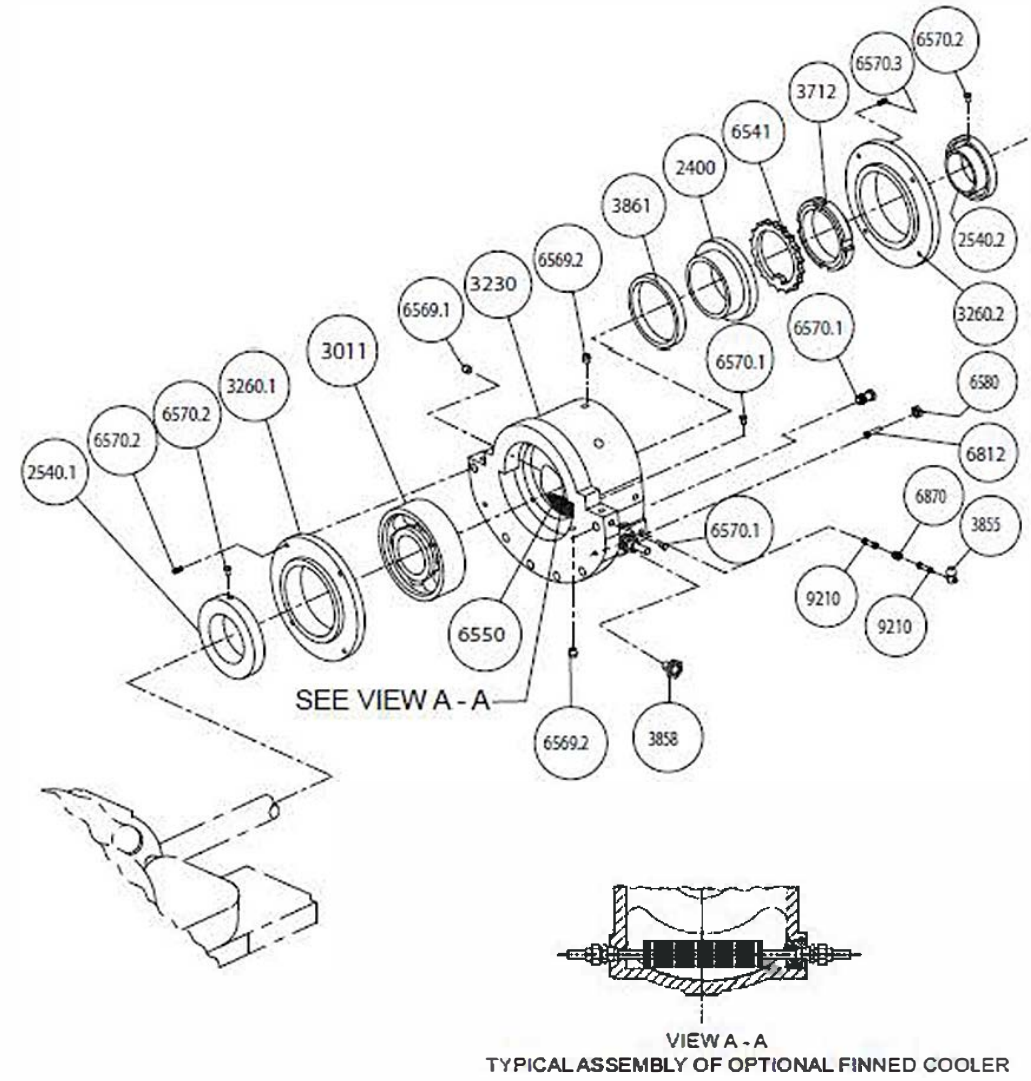


Double Suction DMXD - Parts List

Part No.	Name of Part	Part No.	Name of Part	Part No.	Name of Part
1210	Casing Complete	2300.2	Impeller Ring	3260.1	Bearing End Cover
1500.1	Casing Ring - 1st Stage	2300.3	Impeller Bushing Ring	3260.2	Bearing End Cover
1500.2	Casing Ring	2400.1	Journal Sleeve	3260.3	Bearing End Cover
1500.3	Channel Ring - Split	2400.2	Journal Sleeve	3266	Bearing End Cover
1600	Center Bushing - Split	2430	Throttling Sleeve	3712.1	Lock Nut
1600	Crossover Bushing - Split	2450	Center Sleeve	3712.2	Lock Nut
1630	Throttling Bushing	2450.2	Crossover Sleeve	3861.1	Oil Ring
2100	Shaft	2531	Split Ring	3861.2	Oil Ring
2200.1	Impeller - 1st Stage	2540.1	Flinger	4132	Stuffing Box Bushing
2200.2	Impeller - 2nd Stage	2540.2	Flinger	4200	Mechanical Seal
2200.3	Impeller - 3rd Stage	3011	Ball Bearing - Radial	4610	O-Ring
2200.4	Impeller - 4th Stage	3013	Ball Bearing - Thrust	6541.1	Lock Washer
2200.5	Impeller - 5th Stage	3126.2	Shims - Thrust Bearing	6541.2	Lock Washer
2200.6	Impeller - 6th Stage	3126.3	Shims - End Cover	6580	Coupling Nut
2300.1	Impeller Ring - 1st Stage	3200.1-2	Bearing Housings	6700.7	Coupling Key

Ball Radial Bearing End Parts List

NOUN CODE	PART NAME
6812	PIN
3861	RING - OIL
3858	GAUGE - OIL
6570.1	SCREW - CAP - HEXHEAD, BRG. HOUSING TO CASING
6570.2	SCREW - CAP - HEXHEAD, END COVER
6570.3	SCREW - CAP - HEXHEAD, END COVER
2400	SLEEVE - JOURNAL
2540.1	FLINGER
2540.2	FLINGER
3200	HOUSING - BEARING
3260.1	COVER - BEARING END - OPEN, INBOARD
3260.2	COVER - BEARING END - OPEN, OUTBOARD
3011	BEARING - BALL RADIAL
3712	LOCKNUT OR SCREW, BEARING
6541	WASHER - LOCK, BEARING
6580	NUT - DOWEL PIN
6570.1	SCREW - SET - HD. LESS, BEARING HOUSING
6570.2	SCREW - SET - HD. LESS, FLINGER
9210	PIPE NIPPLE
6569.1	PLUG - PIPE
6569.2	PLUG - PIPE
3855	OILER - CONSTANT LEVEL OR OIL MIST TUBE
6870	UNION
6550	FINNED COOLER



NOTE

REFER TO ASSEMBLY DRAWINGS AND PARTS LISTS (FOUND IN APPENDIX OF THIS MANUAL) FOR PART NUMBERS, QUANTITIES, AND RECOMMENDED SPARE PART CLASSIFICATIONS.

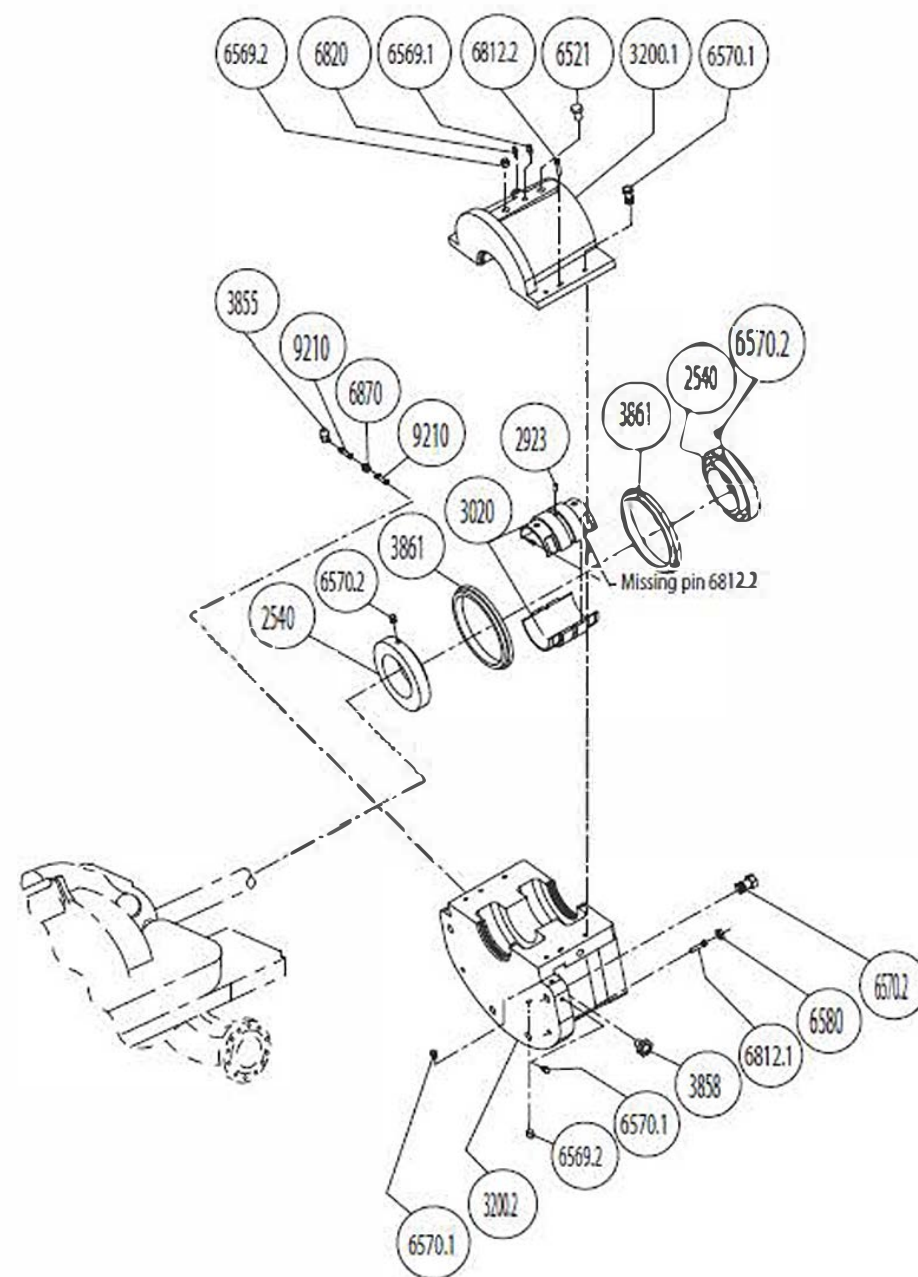
RADIAL BEARING END

Sleeve Radial Bearing End Parts List

NOUN CODE	PART NAME
3200.1	BODY CAP, THRUST
3200.2	BODY BOTTOM, THRUST
6812.1	PIN, BRG. BODY TO CASING
6812.2	PIN, BRG. CAP TO BODY
3861	RING - OIL
3858	GAUGE - OIL
6521	CAP - OIL RESERVOIR
6570.1	SCREW - CAP - HEXHEAD, BRG. CAP TO BODY
6570.2	SCREW - CAP - HEXHEAD, BRG. BODY TO CASING
2540	FLINGER
3020	LINING - BEARING COMPLETE
6580	NUT, DOWEL PIN
6570.1	SCREW - SET - HD. LESS, BRG. BODY ADJUSTING
6570.2	SCREW - SET - HD. LESS, FLINGER
2923	PIN - LOCATING STRAIGHT DOWEL
6820	BOLT - EYE
9210	PIPE NIPPLE
6569.1	PLUG - PIPE
6569.2	PLUG - PIPE
3855	OILER - CONSTANT LEVEL OR OIL MIST TUBE
6870	UNION

NOTE

REFER TO ASSEMBLY DRAWINGS AND PARTS LISTS (FOUND IN APPENDIX OF THIS MANUAL) FOR PART NUMBERS, QUANTITIES, AND RECOMMENDED SPARE PART CLASSIFICATIONS.



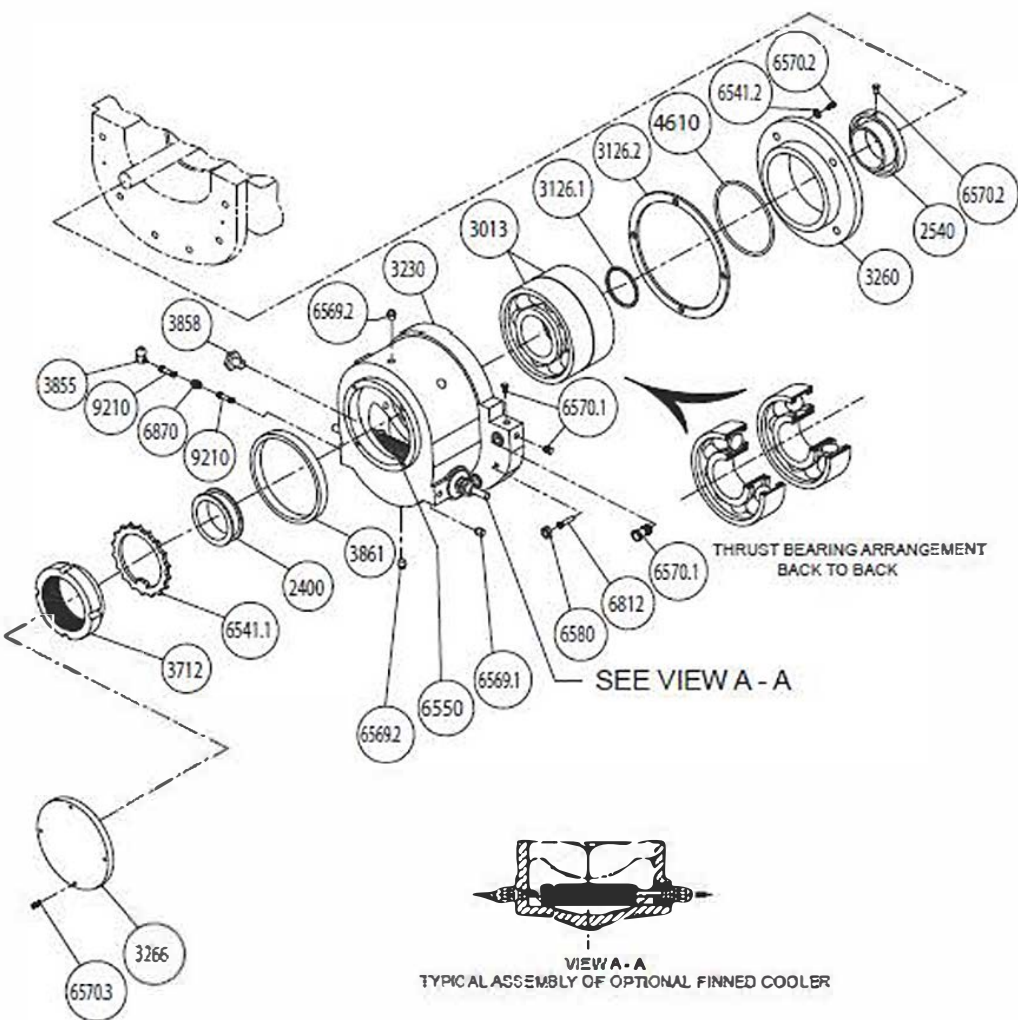
RADIAL BEARING END

Ball Thrust Bearing End Parts List

NOUN CODE	PART NAME
6812	PIN
3861	RING - OIL
3858	GAUGE-OIL
6570.1	SCREW - CAP - HEXHEAD
6570.2	SCREW - CAP - HEXHEAD
6570.3	SCREW - CAP - HEXHEAD
2400	SLEEVE - JOURNAL
2540	FLINGER
3266	COVER - BEARING END - SOLID, OUT BOARD
3200	HOUSING - BEARING
3260	COVER - BEARING END - OPEN, IN BOARD
3013	BEARING - BALL THRUST
3712	LOCKNUT OR SCREW, BEARING
6541.1	WASHER - LOCK, BEARING
6541.2	WASHER - LOCK, END COVER
3126.1	SHIM
3126.2	SHIM
6580	NUT, DOWEL PIN
6570.1	SCREW - SET - HD. LESS, BRG. HOUSING ADJUSTING
6570.2	SCREW - SET - HD. LESS, FLINGER
9210	PIPE NIPPLE
6569.1	PLUG - PIPE
6569.2	PLUG - PIPE
3855	OILER - CONSTANT LEVEL OR OIL MIST TUBE
6870	UNION
4610	O - RING
6550	FINNED COOLER

NOTE

REFER TO ASSEMBLY DRAWINGS AND PARTS LISTS (FOUND IN APPENDIX OF THIS MANUAL) FOR PART NUMBERS, QUANTITIES, AND RECOMMENDED SPARE PART CLASSIFICATIONS.



THRUST BEARING END

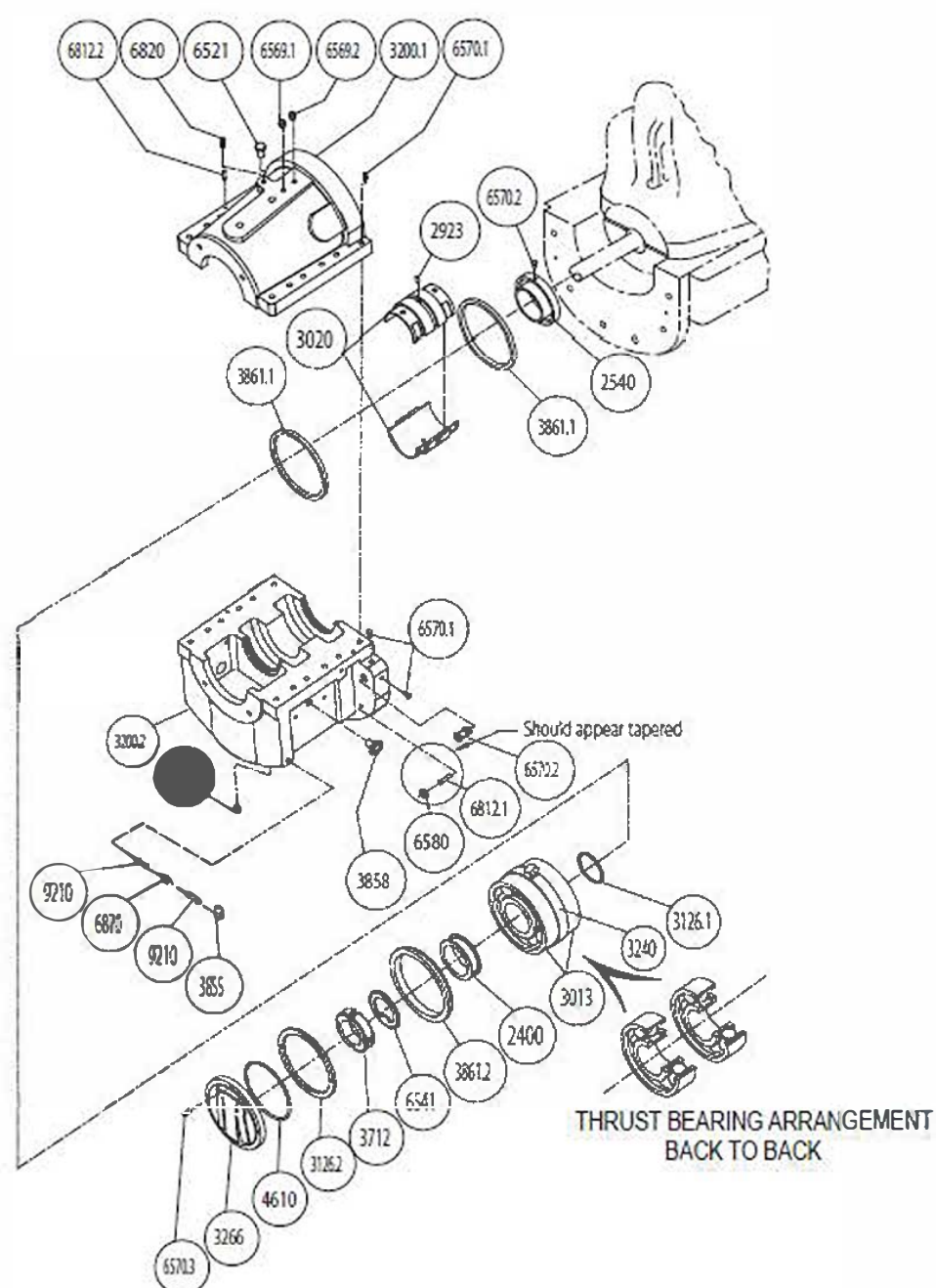
DMX/DMXD Pump Cross Sectional Drawings

Sleeve Radial/Ball Thrust Bearing End Parts List

NOUN CODE	PART NAME
3200.1	BODY - CAP, THRUST
3200.2	BODY - BOTTOM, THRUST
6812.1	PIN - TAPER DOWEL, BRG. BODY TO CASING
6812.2	PIN, BRG. CAP TO BODY
3861.1	RING - OIL
3861.2	RING - OIL
3858	GAUGE - OIL
6521	CAP - OIL RESERVOIR
6570.1	SCREW - CAP - HEXHEAD, BRG. CAP TO BODY
6570.2	SCREW - CAP - HEXHEAD, BRG. BODY TO CASING
6570.3	SCREW - CAP - HEXHEAD, BRG. END COVER
2400	SLEEVE - JOURNAL
2540	FLINGER
3266	COVER - BEARING END - SOLID
3020	LINING - BEARING COMPLETE
3240	CLAMP - PIPE, THRUST BEARING
3013	BEARING - BALL THRUST
6541	WASHER - LOCK
3126.1	SHIM
3126.2	SHIM
6580	NUT, DOWEL PIN
6570.1	SCREW - SET - HD. LESS, BRG. BODY ADJUSTING
6570.2	SCREW - SET - HD. LESS, FLINGER
2923	PIN - LOCATING STRAIGHT DOWEL, BRG. LINING
6820	BOLT - EYE
9210	PIPE - NIPPLE
6569.1	PLUG - PIPE
6569.2	PLUG - PIPE
4610	O - RING, END COVER
3855	OILER - CONSTANT LEVEL OR OIL MIST TUBE
6870	UNION

NOTE

REFER TO ASSEMBLY DRAWINGS AND PARTS LISTS (FOUND IN APPENDIX OF THIS MANUAL) FOR PART NUMBERS, QUANTITIES, AND RECOMMENDED SPARE PART CLASSIFICATIONS.



THRUST BEARING END

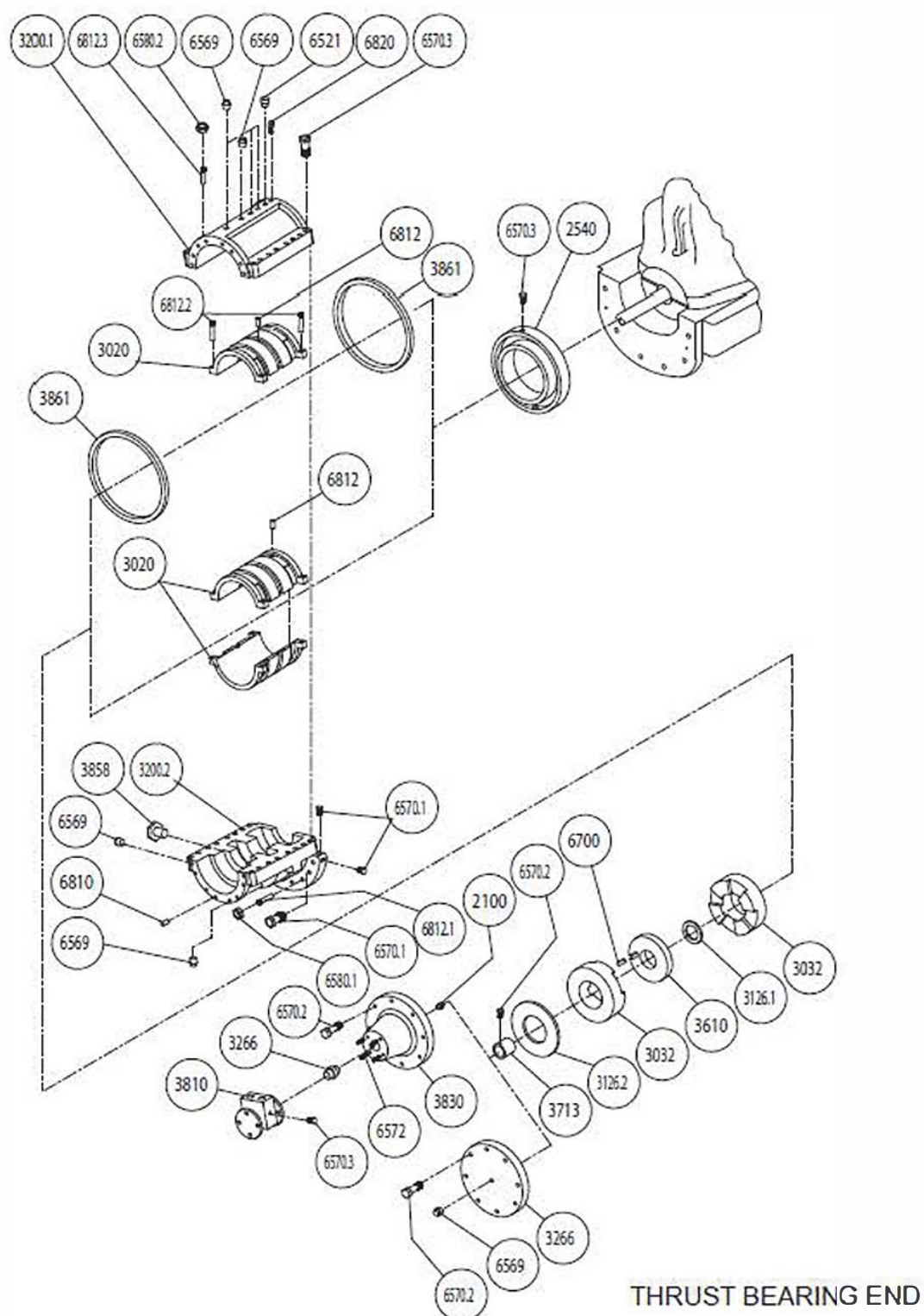
DMX/DMXD Pump Cross Sectional Drawings

Sleeve Radial/KTB Thrust End Parts List

NOUN CODE	PART NAME
3200.1	BODY - CAP, THRUST
3200.2	BODY - BOTTOM, THRUST
3810	COLLAR - THRUST
6812.1	PIN, BRG. TO CASING
6812.2	PIN, BRG. LINING
6812.3	PIN, BRG. CAP TO BODY
3881	RING - OIL
3858	GAUGE - OIL
6521	CAP - OIL RESERVOIR
6570.1	SCREW - CAP - HEXHEAD, BRG. BODY TO CASING
6570.2	SCREW - CAP - HEXHEAD, BRG. LINING
6570.3	SCREW - CAP - HEXHEAD, BRG. CAP TO BODY
6570.4	CAPSCREW - CAP - HEXHEAD, END COVER TO HOUSING
3713	LOCKNUT - CENTRE COLLAR, THRUST COLLAR
2540	FLINGER
3266	COVER - BEARING END-SOLID
3020	LINING - BEARING COMPLETE
3810	OIL PUMP - GEAR
3126.1	SHIM, THRUST COLLAR
3126.2	SHIM, THRUST BRG.
6580.1	NUT, DOWEL PIN
6580.2	NUT, DOWEL PIN
6580.3	NUT, DOWEL PIN
6570.1	SCREW - SET - HD. LESS, BRG. BODY ADJUSTING
6570.2	SCREW - SET - HD. LESS, LOCKNUT
6570.3	SCREW - SET - HD. LESS, FLINGER
6812	PIN - GROOVE, BRG. LINING
6810	PIN - TAPPER DOWEL, END COVER
6820	BOIT - EYE
6569	PLUG - PIPE
2100	EXTENSION - SHAFT
6572	STUD
6700	KEY - THRUST BEARING
3830	BRACKET
3266	BEARING END CAP
3032	KTB BEARING KIT

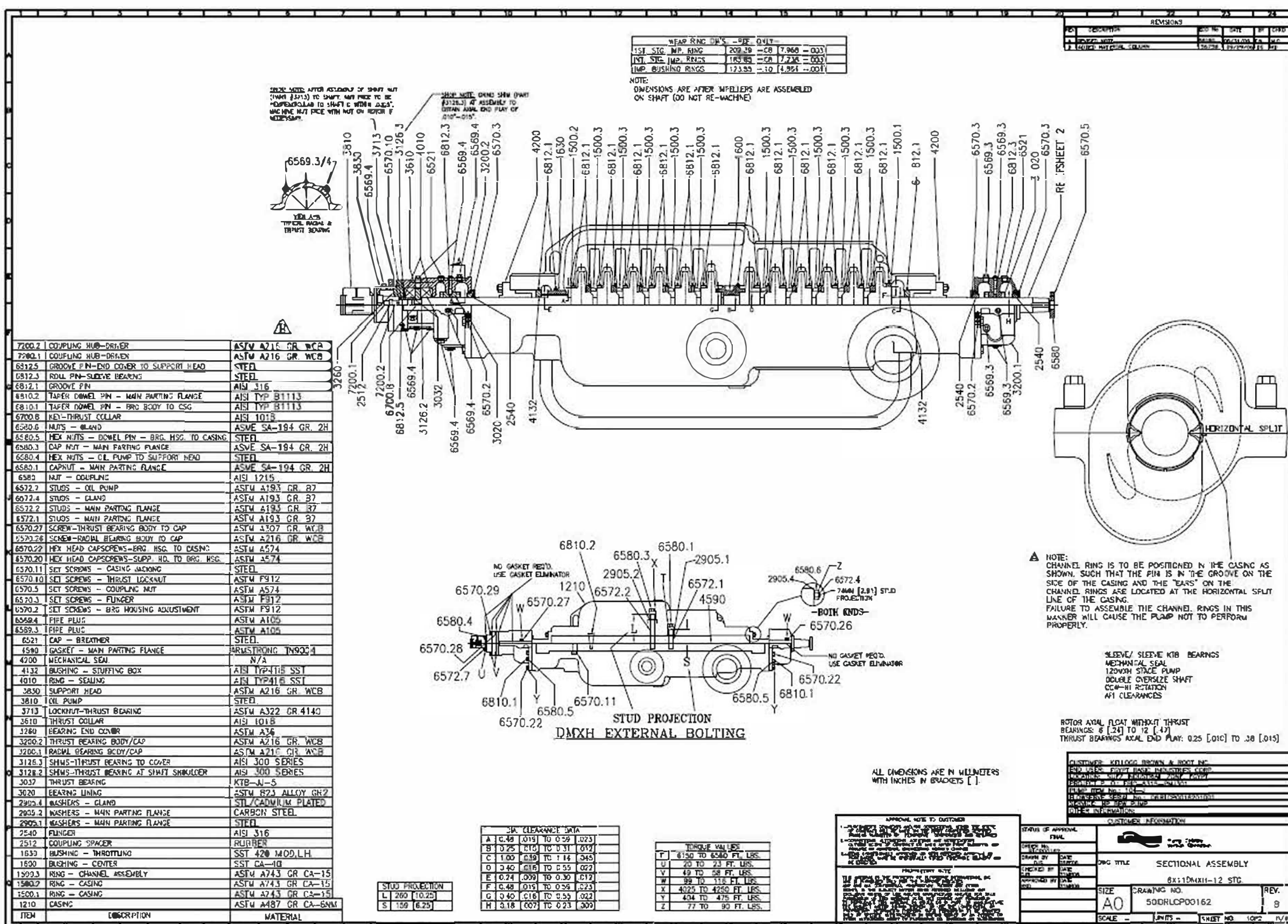
NOTE

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DMX/DMXD Pump Cross Sectional Drawings



DMX/DMXD Pump Cross Sectional Drawings

