



MAX POWER
2700 W
MAX TORQUE
920 Nm

Frequently **used in bolting applications with high torques**, the "25" series air motors are **often equipped with an angle drive head and a high flow control handle** to ensure they have the necessary power.

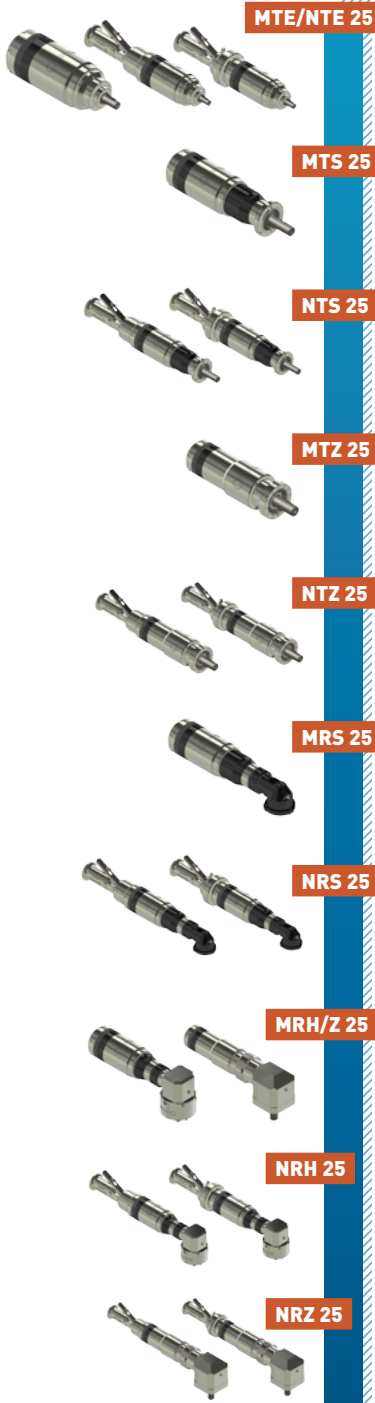
The "25" series air motors can be found on **lifting applications** with torques approaching 1000 Nm. or on **cutting applications** with speeds above 11000 rpm.

Their high power (2700W) does not prevent them from being **compact and light** (3 to 12 kg. depending on the chosen configuration) and very versatile.

+ ACCESSORIES FOR THIS MOTOR	Reference
Filtration, pressure Regulation and Lubrication unit (FRL)	AC108
Safety Air Treatment Box (SAT Box)	AC126
With Pedal remote control	AC127
With handle remote control	AC128
With remote emergency kill switch	AC129
With remote E-Stop and pedal remote control	AC130
With remote E-Stop and handle remote control	AC131
Maintenance kits	
Maintenance kit for "25" series	AC305
Maintenance kit for lube free "25" series	AC315
Maintenance kit for kit start "25" series	AC325
Exhaust collector kit for "25" series	AC342
modec Oil Co-16	AC149
Control handles	
Safety control handle for non reversible "25" series	AC412
Safety control handle for reversible "25" series	AC414
Progressive control handle for non reversible "25" series	AC407
Progressive control handle for reversible "25" series	AC410
Filters et silencers	
Metallic standard exhaust silencer	AC182
Metallic standard inlet silencer	AC181
Plastic standard exhaust silencer	AC153
Plastic standard inlet silencer	AC183
Heavy duty exhaust silencer	AC157
Heavy duty inlet silencer	AC155
High flow air muffler	AC160
Exhaust silencer filter	AC185
Speed control muffler	AC174

CONNECTION AND LUBRIFICATION				
	Min. fittings Ø		Min. pipe Ø	
	In	Out	In	Out
	10 mm / 0,4 In	16 mm / 0,6 In	13 mm / 0,5 In	20 mm / 0,8 In
	10 drops / minute			

CONVERSION TABLE		
Watt ➤ Horse power	Newton meter ➤ Pound feet	Millimeter ➤ Inch
Watt x 0,001341 = hp	Nm x 0,7376 = lb.ft	mm x 0,03937 = in
Bar ➤ Pound per square Inch	Normo Liter / minute ➤ Standard cubic feet per minute	Kilogram ➤ Pound
Bar x 14,5 = psi	NL / min x 0,03531 = scfm	Kg x 2,205 = lb



MOTORS NRH 25 / NRZ 25

POWER 2300-2700 W

NRH 25 XT

NRH 25 RV

NRZ 25 XT

NRZ 25 RV

REDUCTION RATIO

(3 digits)
See table

OPTIONS

(2 digits)
See table

N R H/Z 2 5 X X X X X X X X X X X X X X X X X X

ROTATION*

RT Right (Clockwise)
LT Left (CCW)
RV Reversible

FLANGE

(1 to 2 digits)

OUTPUT SHAFT

(1 to 3 digits)

* rotation direction is defined when looking from the back of the motor

PERFORMANCES

NRH/Z 25 XT	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (Nl/min)	Dimensions		
			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
NRH 25 XT 041	41	6,2 bars	140	279	183	302	265	2672	2800	461,5	80	7,7
		5 bars	131	262	148	248	219	2036	2300			
		4 bars	122	244	121	196	173	1543	1800			
NRH 25 XT 047	47	6,2 bars	121	243	210	347	305	2672	2800	461,5	80	7,7
		5 bars	114	228	171	286	252	2036	2300			
		4 bars	106	212	139	226	199	1543	1800			
NRH 25 XT 056	56	6,2 bars	101	203	252	416	366	2672	2800	461,5	80	7,7
		5 bars	95	190	205	343	301	2036	2300			
		4 bars	89	177	166	271	238	1543	1800			
NRH 25 XT 071	71	6,2 bars	80	159	321	530	466	2672	2800	461,5	80	7,7
		5 bars	75	149	261	437	384	2036	2300			
		4 bars	70	139	212	345	304	1543	1800			
NRZ 25 XT 107	107	6,2 bars	53	106	483	797	701	2672	2800	556,2	88,8	13,2
		5 bars	50	99	392	657	578	2036	2300			
		4 bars	46	92	319	519	457	1543	1800			

NRH/Z 25 RV	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (Nl/min)	Dimensions		
			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
NRH 25 RV 041	41	6,2 bars	126	251	172	244	214	2256	2700	472,5	80	8,1
		5 bars	117	235	140	203	178	1717	2200			
		4 bars	111	221	112	168	148	1299	1700			
NRH 25 RV 047	47	6,2 bars	109	218	197	281	247	2256	2700	472,5	80	8,1
		5 bars	102	204	161	233	205	1717	2200			
		4 bars	96	192	129	194	170	1299	1700			
NRH 25 RV 056	56	6,2 bars	91	182	237	336	296	2256	2700	472,5	80	8,1
		5 bars	85	170	193	280	246	1717	2200			
		4 bars	80	160	155	232	204	1299	1700			
NRH 25 RV 071	71	6,2 bars	71	143	302	428	377	2256	2700	472,5	80	8,1
		5 bars	67	134	246	356	314	1717	2200			
		4 bars	63	126	197	296	260	1299	1700			
NRZ 25 RV 107	107	6,2 bars	48	95	453	644	567	2256	2700	567,2	88,8	13,6
		5 bars	44	89	369	536	472	1717	2200			
		4 bars	42	84	297	445	391	1299	1700			
NRZ 25 RV 154	154	6,2 bars	33	66	650	923	812	2256	2700	567,2	88,8	13,6
		5 bars	31	62	529	768	676	1717	2200			
		4 bars	29	58	425	637	561	1299	1700			

Data indicated in this table have an accuracy of +/- 5%

OPTIONS AVAILABLE FOR THE NRH /Z 25 XT

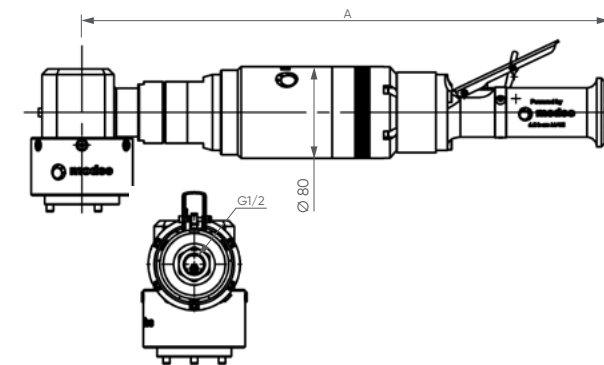
Collected exhaust													
ATEX certification													
Lubrication free													
Kit start													
Code	00	01	02	04	05	07	09	10	13	14	21	22	

OPTIONS AVAILABLE FOR THE NRH /Z 25 RV

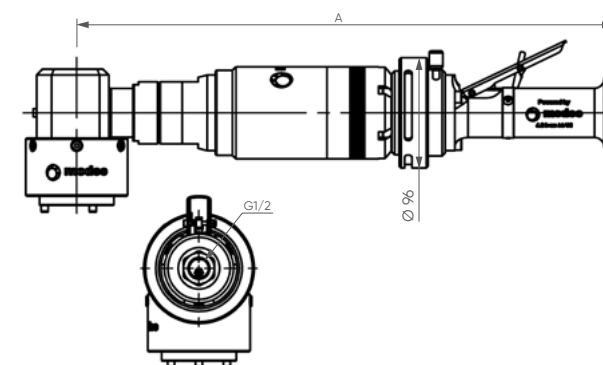
ATEX certification													
Left/Right switch													
Lubrication free													
Kit start													
Code	03	12	16	17	29	30							

LAYOUT

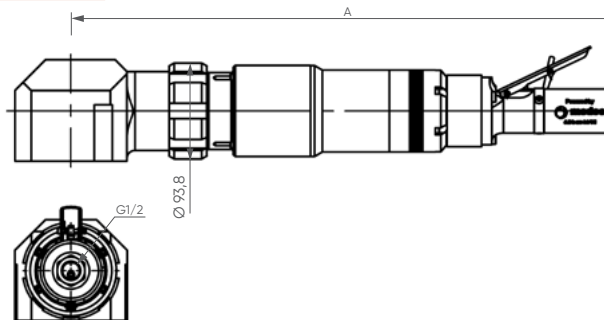
NRH 25 XT



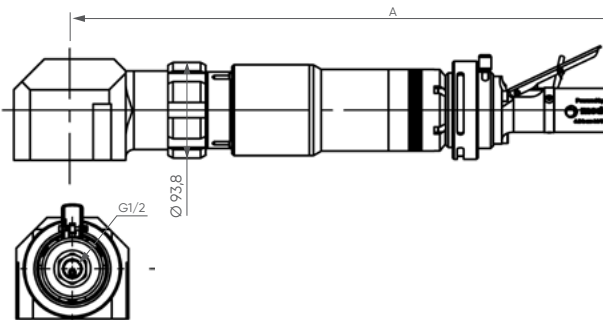
NRH 25 RV



NRZ 25 XT

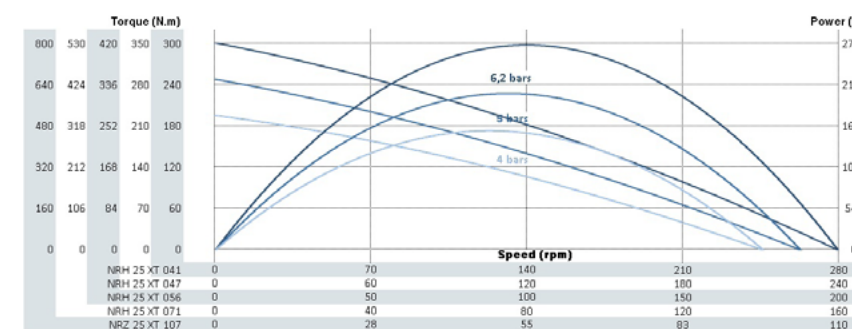


NRZ 25 RV

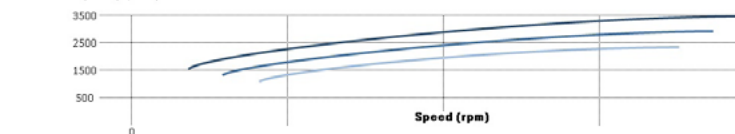


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

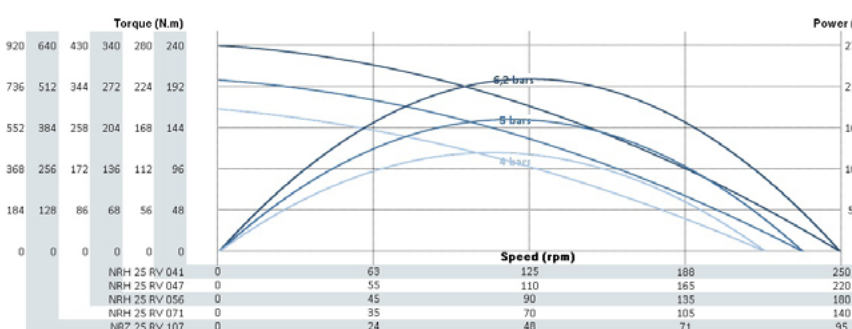
NRH/Z 25 XT



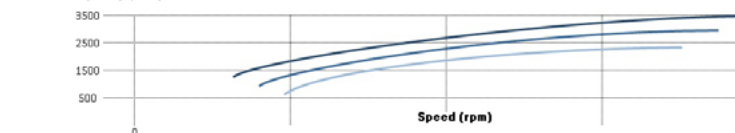
Air consumption (Nl/min)



NRH/Z 25 RV

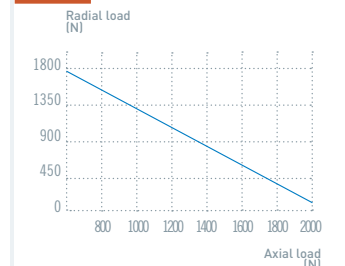


Air consumption (Nl/min)

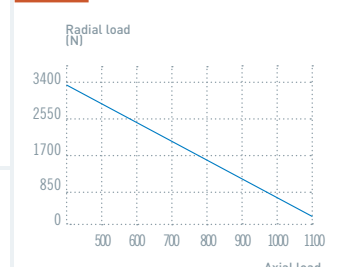


MAXIMUM RADIAL & AXIAL LOAD

NRH 25

for 100 millions revolutions
(load applied @ half shaft
length)

NRZ 25

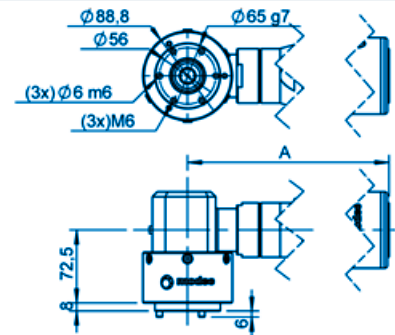
for 100 millions revolutions
(load applied @ half shaft
length)

NOTES

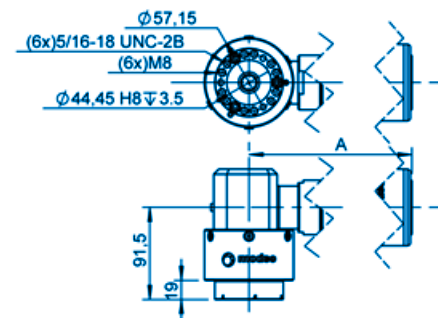
FLANGES **GROUP VIII**

XRZ 05 XRZ 07 XRH 08 XRH 10 XRH 20 XRH 25

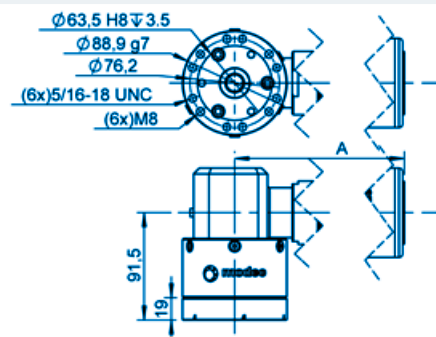
GROUP VIII FLANGE AA



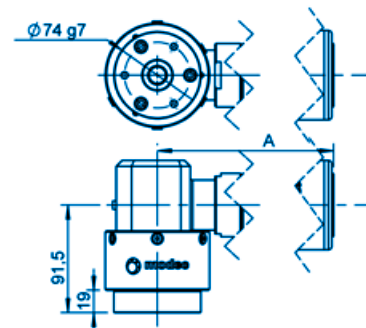
GROUP VIII FLANGE AB



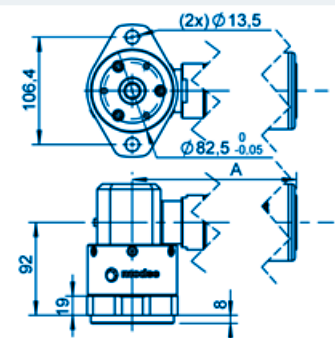
GROUP VIII FLANGE AC



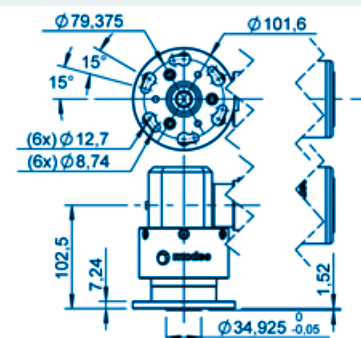
GROUP VIII FLANGE AD



GROUP VIII FLANGE AE



GROUP VIII FLANGE Q



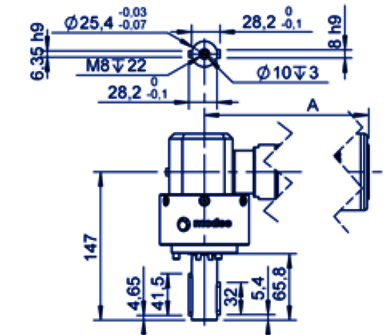
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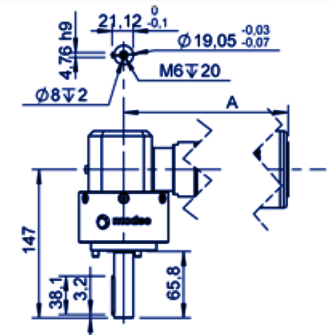
SHAFTS **GROUP VIII**

XRZ 05 XRZ 07 XRH 08 XRH 10 XRH 20 XRH 25

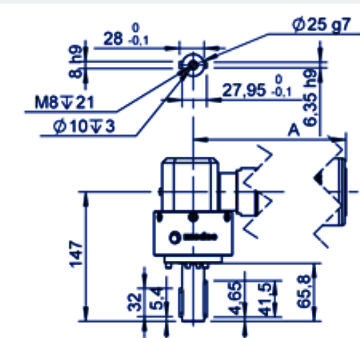
GROUP VIII SHAFT 001 - KEYED Ø1"



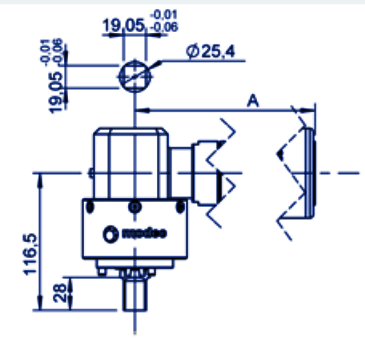
GROUP VIII SHAFT 002 - KEYED Ø3/4"



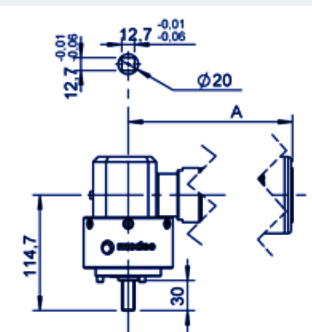
GROUP VIII SHAFT 003 - KEYED Ø25



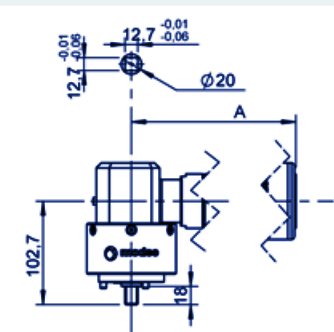
GROUP VIII SHAFT 004 - SQUARE 3/4"



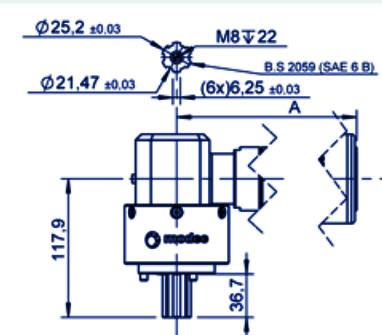
GROUP VIII SHAFT 005 - SQUARE 1/2" LONG



GROUP VIII SHAFT CA1 - SQUARE 1/2" SHORT

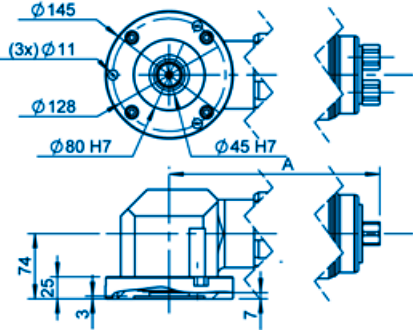
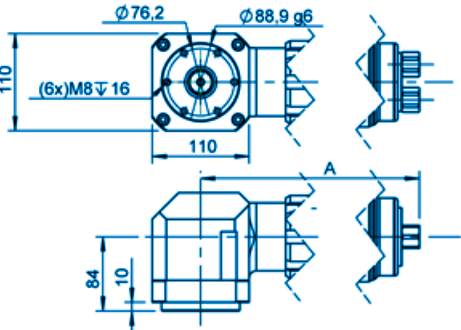
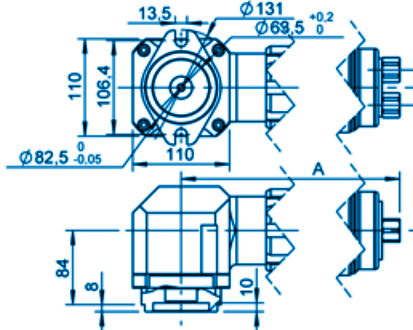
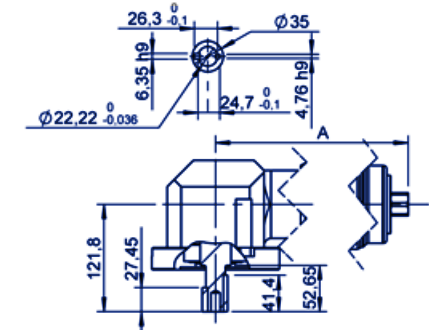
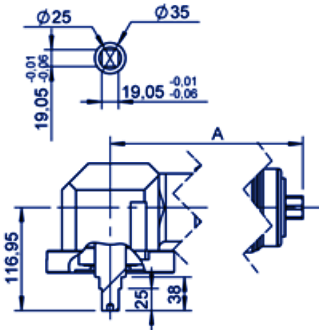
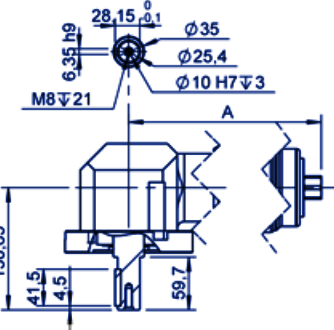
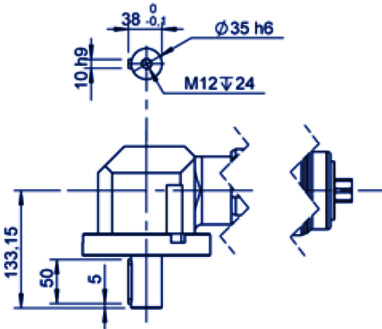
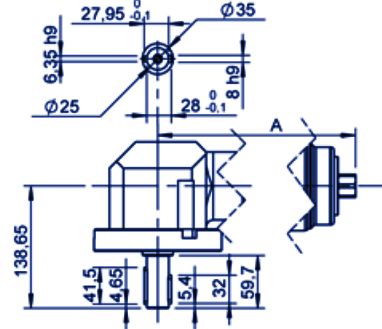


GROUP VIII SHAFT CNW - SPLINED



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your match ?

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FLANGES & SHAFTS GROUP IX		XRZ 08	XRZ 10	XRZ 20	XRZ 25	XRS 30
GROUP IX FLANGE A	GROUP IX FLANGE B					
						
GROUP IX FLANGE H	GROUP IX SHAFT 001 - KEYED Ø7/8"					
						
GROUP IX SHAFT 003 - KEYED Ø3/4"	GROUP IX SHAFT CL2 - KEYED Ø1"					
						
GROUP IX SHAFT CL3 - KEYED Ø35	GROUP IX SHAFT CL4 - KEYED Ø25					
						

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